

Peer-reviewed journal articles

1)-Poly(lactic acid) properties as a consequence of poly(butylene adipate-co-terephthalate) blending and acetyl tributyl citrate plasticization

Coltelli MB.; Della Maggiore I.; Bertoldi M.; Signori F.; Bronco S.; Ciardelli F. SUBJECT MECHANICAL-PROPERTIES SUBJECT POLYMER

BLENDS SUBJECT POLYLACTIDE/CLAY

NANOCOMPOSITE SUBJECT CRYSTALLIZATION

BEHAVIORS SUBJECT POLY(PROPYLENE GLYCOL)

Journal of applied polymer science (Print) 110 (2008): 1250–1262.

<https://dx.doi.org/10.1002/app.28512>

2)-High-Resolution Poly(ethylene terephthalate) (PET) Hot Embossing at Low Temperature: Thermal, Mechanical, and Optical Analysis of Nanopatterned Films

Cecchini, M; Signori, F; Pingue, P; Bronco, S; Ciardelli, F; Beltram, F SUBJECT GLASS-TRANSITION

TEMPERATURE SUBJECT NANOIMPRINT

LITHOGRAPHY SUBJECT POLYETHYLENE

TEREPHTHALATES SUBJECT IMPRINT

LITHOGRAPHY SUBJECT ABSORPTION

Langmuir 24 (2008): 12581–12586.

<https://dx.doi.org/10.1002/hlca.200690171>

3)-Changes in pore morphology and fluid transport in compressed articular cartilage and the implications for joint lubrication

Greene, GW; Zappone, B; Zhao, B; Soderman, O; Topgaard, D; Rata, G; Israelachvili, JN SUBJECT FLUORESCENCE

RECOVERY SUBJECT MECHANICAL-

PROPERTIES SUBJECT DIFFUSION SUBJECT COLLAGEN SUBJECT ORGANIZATION

Biomaterials 29 (2008): 4455–4462.

<http://www.cnr.it/prodotto/i/3861>

info:cnr-pdr/source/autori:Greene, GW; Zappone, B; Zhao, B; Soderman, O; Topgaard, D; Rata, G; Israelachvili, JN/titolo:Changes in pore morphology and fluid transport in compressed articular cartilage and the implications for joint lubrication/

4)-Molecular aspects of boundary lubrication by human lubricin: Effect of disulfide bonds and enzymatic digestion

Zappone, B; Greene, GW; Oroudjev, E; Jay, GD; Israelachvili, JN SUBJECT HUMAN SYNOVIAL FIBROBLASTS SUBJECT THIN-FILM RHEOLOGY SUBJECT ARTICULAR-CARTILAGES SUBJECT FORCE MEASUREMENTS SUBJECT FRICTIONAL FORCES

Langmuir 24 (2008): 1495–1508.

<http://www.cnr.it/prodotto/i/3863>

info:cnr-pdr/source/autori:Zappone, B; Greene, GW; Oroudjev, E; Jay, GD; Israelachvili, JN/titolo:Molecular aspects of boundary lubrication by human lubricin: Effect of disulfide bonds and enzymatic digestion/

5)-Crystalline, mobile amorphous and rigid amorphous fractions in isotactic polystyrene

M. C. Righetti; E. Tombari; M. L. Di Lorenzo

European Polymer Journal 44 (2008): 2659–2667.

<http://www.cnr.it/prodotto/i/18103>

info:cnr-pdr/source/autori:M. C. Righetti, E. Tombari, M. L. Di Lorenzo/titolo:Crystalline, mobile amorphous and rigid amorphous fractions in isotactic polystyrene/

6)-Influence of an adsorbing polymer on the aging dynamics of Laponite clay suspensions

Zulian, L; Ruzicka, B; Ruocco, G SUBJECTPOLY(ETHYLENE OXIDE) SUBJECTLIGHT-SCATTERINGSUBJECTDISPERSIONSSUBJECTGELATIONSUBJECTAGGREGATION

Philosophical magazine (2003, Print) 88 (2008): 4213–4221.

<https://dx.doi.org/10.1080/14786430802581876>

7)-Water/polymer interactions in poly(amidoamine) hydrogels by ¹H nuclear magnetic resonance relaxation and magnetization transfer

Calucci L.; Forte C.; Ranucci E.

129 (2008).

<http://www.cnr.it/prodotto/i/39163>

info:cnr-pdr/source/autori:Calucci L., Forte C., Ranucci E./titolo:Water/polymer interactions in poly(amidoamine) hydrogels by ¹H nuclear magnetic resonance relaxation and magnetization transfer/

8)-Interaction of a Tripeptide with Cesium Perfluorooctanoate Micelles

Pizzanelli S; Forte C; Monti S.; Schweitzer-Stenner R.

112 (2008): 1251–1261.

<http://www.cnr.it/prodotto/i/39229>

info:cnr-pdr/source/autori:Pizzanelli S, Forte C, Monti S., Schweitzer-Stenner R./titolo:Interaction of a Tripeptide with Cesium Perfluorooctanoate Micelles/

9)-Study of the Interaction of GFG Tripeptide with Cesium Perfluorooctanoate Micelles by means of NMR Spectroscopy and MD Simulations

Pizzanelli S.; Forte C.; Monti S.

Langmuir 24 (2008): 5809–5815.

<http://www.cnr.it/prodotto/i/39294>

info:cnr-pdr/source/autori:Pizzanelli S., Forte C., Monti S./titolo:Study of the Interaction of GFG Tripeptide with Cesium Perfluorooctanoate Micelles by means of NMR Spectroscopy and MD Simulations/

10)-Soil Organic Matter Quality under Different Land Uses in a Mountain Watershed of Nepal

Shrestha B. M.; Certini G.; Forte C.; Singh B.L.

Soil Science Society of America journal 72 (2008): 1563–1569.

<http://www.cnr.it/prodotto/i/39307>

info:cnr-pdr/source/autori:Shrestha B. M., Certini G., Forte C., Singh B.L./titolo:Soil Organic Matter Quality under Different Land Uses in a Mountain Watershed of Nepal/

11)-Microcalorimetric study the toxic effect of hexavalent chromium on microbial activity of Wuhan brown sandy soil: An in vitro approach

Yao J.; Tian L.; Wang Y.; Djah A.; Wang F.; Chen H.; Su C.; Zhuang R.; Zhou Y.; Choi Martin M.F.; Bramanti E.

Ecotoxicology and environmental safety 69 (2008): 289–295.

<http://www.cnr.it/prodotto/i/39705>

info:cnr-pdr/source/autori:Yao J., Tian L., Wang Y., Djah A., Wang F., Chen H., Su C., Zhuang R., Zhou Y., Choi Martin M.F., Bramanti E./titolo:Microcalorimetric study the toxic effect of hexavalent chromium on microbial activity of Wuhan brown sandy soil: An in vitro approach/

12)-Orientation of the DMPC Unilamellar Vesicle System in the Magnetic Field: SANS Study

Kiselev M. A. (1); T. Gutberlet(2); A. Hoell(3); V.L. Aksenov(1); D. Lombardo(4)

Chemical physics (Print) 345 (2008): 181–184.

<http://www.cnr.it/prodotto/i/39810>

info:cnr-pdr/source/autori:Kiselev M. A. (1); T. Gutberlet(2); A. Hoell(3); V.L. Aksenov(1); D. Lombardo(4)/titolo:Orientation of the DMPC Unilamellar Vesicle System in the Magnetic Field: SANS Study/

13)-A High Performance Gel Filtration Chromatography Method for Gamma-Glutamyltransferase Fraction Analysis

Franzini M.; Bramanti E.; Ottaviano V.; Ghiri E.; Scatena F.; Barsacchi R.; Pompella A.; Donato L.; Emdin M.; Paolicchi A.

Analytical biochemistry (Print) 374 (2008): 1–6.

<http://www.cnr.it/prodotto/i/39912>

info:cnr-pdr/source/autori:Franzini M., Bramanti E., Ottaviano V., Ghiri E., Scatena F., Barsacchi R., Pompella A., Donato L., Emdin M., Paolicchi A./titolo:A High Performance Gel Filtration Chromatography Method for Gamma-Glutamyltransferase Fraction Analysis/

14)-Determination of thiolic compounds as mercury complexes by cold vapor atomic absorption spectrometry and its application to wines

Bramanti E.; Cavallaro R.; Onor M.; Zamboni R.; D'Ulivo A.

Talanta (Oxf.) 74 (2008): 936–943.

<https://dx.doi.org/10.1016/j.talanta.2007.07.041>

15)-Light-induced sodium desorption from paraffin film

Gozzini S.; Lucchesini A.; Marmugi L.; Postorino G. SUBJECT Polymers and organics SUBJECT Photon stimulated desorption SUBJECT atomic desorption SUBJECT laser diode

The European physical journal. D, Atomic, molecular and optical physics (Print) 47 (2008): 1–5.

<https://dx.doi.org/10.1140/epjd/e2008-00015-5>

16)-Keto-enol tautomerism in linear and cyclic beta-diketones: A DFT study in vacuo and in solution

Alagona* G.; Ghio* C. SUBJECT Interconversion mechanism SUBJECT PCM solvation SUBJECT water-assisted mechanisms SUBJECT G2MP2 calculations SUBJECT BSSE
International journal of quantum chemistry 108 (2008): 1840–1855.

<http://www.cnr.it/prodotto/i/39934>

info:cnr-pdr/source/autori:Alagona* G., Ghio* C./titolo:Keto-enol tautomerism in linear and cyclic beta-diketones: A DFT study in vacuo and in solution/

17)-The $\nu(3)$ SF₆ band intensity derived from the refractive index measurement performed off-side the absorption band

Marchetti S.; Simili R. SUBJECT infrared SUBJECT Optics
Infrared physics & technology 51 (2008): 246–248.

<http://www.cnr.it/prodotto/i/39937>

info:cnr-pdr/source/autori:Marchetti S., Simili R./titolo:The $\nu(3)$ SF₆ band intensity derived from the refractive index measurement performed off-side the absorption band/

18)-1,10-phenanthroline-5,6-dione complexes of middle transition elements: mono- and dinuclear derivatives

Pampaloni G.; Brechin E. K.; Calucci L.; Englert U.; Margheriti L.; Pinzino C.; Prescimone A. SUBJECT EPR spectroscopy SUBJECT 1,10-phenanthroline-5,6-dione SUBJECT transition metals SUBJECT magnetic moment SUBJECT DFT calculation
Inorganica Chimica Acta (Testo stamp.) 361 (2008): 2375–2384.

<http://www.cnr.it/prodotto/i/39944>

info:cnr-pdr/source/autori:Pampaloni G., Brechin E. K., Calucci L., Englert U., Margheriti L., Pinzino C., Prescimone A./titolo:1,10-phenanthroline-5,6-dione complexes of middle transition elements: mono- and dinuclear derivatives/

19)-Small Au clusters on a defective MgO(100) surface

Barcaro G.; Fortunelli A.
Chemical physics letters (Print) 456 (2008): 143–147.

<https://dx.doi.org/10.1016/j.cplett.2008.03.077>

20)-Radiation Torque and Force on Optically Trapped Linear Nanostructures

Borghese F.; Denti P.; Saija R.; Iatì M.A.; Maragò O.M.
Physical review letters (Print) 100 (2008): 163903.

<https://dx.doi.org/10.1103/PhysRevLett.100.163903>

21)-Chemical Selectivity through Control of Excited-State Dynamics

Olivucci M.; Santoro F. SUBJECTcontrol SUBJECTexcited state dynamics SUBJECTconformation selectivity SUBJECTorbital alignment SUBJECTstereodynamics

Angewandte Chemie (Int. ed., Print) 47 (2008): 6322–6325.

<https://dx.doi.org/10.1002/anie.200800898>

22)-Vibrational and configurational specific heats during isothermal structural relaxation of a glass to equilibrium liquid

Tombari E.; Ferrari C.; Salvetti G.; Johari G.P. SUBJECTDIFFERENTIAL SCANNING CALORIMETRY SUBJECTVISCOUS-LIQUID SUBJECTENTHALPY RELAXATIONS SUBJECTSUPERCOOLED LIQUIDS SUBJECTTRANSITION

Physical review. B, Condensed matter and materials physics 78 (2008): 144203–144210.

<https://dx.doi.org/10.1103/PhysRevB.78.144203>

23)-Pressure-broadening of water lines in the THz frequency region: Improvements and confirmations for spectroscopic databases. Part I

Cazzoli G.; Puzzarini C.; Buffa G.; Tarrini O.

Journal of Quantitative Spectroscopy & Radiative Transfer 109 (2008): 2820.

<http://www.cnr.it/prodotto/i/39959>

info:cnr-pdr/source/autori:Cazzoli G., Puzzarini C., Buffa G., Tarrini O./titolo:Pressure-broadening of water lines in the THz frequency region: Improvements and confirmations for spectroscopic databases. Part I/

24)-Experimental and Theoretical Study of Helium Broadening and Shift of HCO+ Rotational Lines

Buffa G.; Dore L.; Tinti F.; Meuwly M.

ChemPhysChem (Print) 9 (2008): 2237.

<http://www.cnr.it/prodotto/i/39960>

info:cnr-pdr/source/autori:Buffa G., Dore L., Tinti F., Meuwly M./titolo:Experimental and Theoretical Study of Helium Broadening and Shift of HCO+ Rotational Lines/

25)-Reply to Comment on

Tombari E.; Ferrari C.; Salvetti G.; Johari G.P.

Physical review. B, Condensed matter and materials physics 78 (2008): 176302–176303.

<http://www.cnr.it/prodotto/i/39962>

info:cnr-pdr/source/autori:Tombari E., Ferrari C., Salvetti G., Johari G.P./titolo:Reply to Comment on/

26)-Vibronically-induced chirality change in molecules revealed by electronic circular dichroism spectroscopy

Lin, N.; Luo, Y.; Santoro, F.; Zhao, X.; Rizzo, A.

Chemical physics letters (Print) 464 (2008): 144–149.

<http://www.cnr.it/prodotto/i/39964>

info:cnr-pdr/source/autori:Lin, N.; Luo, Y.; Santoro, F.; Zhao, X.; Rizzo, A./titolo:Vibronically-induced chirality change in molecules revealed by electronic circular dichroism spectroscopy/

27)-Vibronically resolved electronic circular dichroism spectra of R-(+)-3-methylcyclopentanone: A theoretical study

Lin, N.; Santoro, F.; Zhao, X.; Rizzo, A.; Barone, V.

The journal of physical chemistry. B 112 (2008): 12401–12411.

<https://dx.doi.org/10.1021/jp8064695>

28)-An Artificial Molecular Switch that Mimics the Visual Pigment and Completes its Photocycle in Picoseconds

Sinicropi A.; Martin E.; Ryazantsev M.; Helbing J.; Briand J.; Sharma D.; Léonard J.; Haacke S.; Cannizzo A.; Chergui M.; Zanirato V.; Fusi S.; Santoro F.; Basosi R.; Ferré N.; Olivucci M.

Proceedings of the National Academy of Sciences of the United States of America 105 (2008): 17642–17647.

<https://dx.doi.org/10.1073/pnas.0802376105>

29)-The absorption spectra of TA DNA unravelled by quantum mechanical calculations in solution on the (dT)₂(dA)₂ tetramer

Santoro F.; Barone V.; Improta R.

ChemPhysChem (Print) 9 (2008): 2531–2537.

<http://www.cnr.it/prodotto/i/39968>

info:cnr-pdr/source/autori:Santoro F., Barone V., Improta R./titolo:The absorption spectra of TA DNA unravelled by quantum mechanical calculations in solution on the (dT)₂(dA)₂ tetramer/

30)-In vivo absorption spectra of the two stable states of the Euglena photoreceptor photocycle, P. Gualtieri

Barsanti L.; Coltelli P.; Evangelista V.; Passarelli V.; Frassanito A. M.; Vesentini N.; Santoro F.; Gualtieri P.

Photochemistry and photobiology (2008).

<http://www.cnr.it/prodotto/i/39969>

info:cnr-pdr/source/autori:Barsanti L. , Coltelli P. , Evangelista V., Passarelli V., Frassanito A. M., Vesentini N., Santoro F., Gualtieri P./titolo:In vivo absorption spectra of the two stable states of the Euglena photoreceptor photocycle, P. Gualtieri/

31)-A study of bimetallic Cu-Ag, Au-Ag and Pd-Ag clusters adsorbed

Barcaro G.; Fortunelli A.

Faraday discussions (Online) 138 (2008): 37–47.

<https://dx.doi.org/10.1039/b705105k>

32)-Derivation of an empirical potential for gold with angular corrections

Olivier S.; Conte R.; Fortunelli A.

Physical review. B, Condensed matter and materials physics 77 (2008): 54104.

<https://dx.doi.org/10.1103/PhysRevB.77.054104>

33)-Metal adsorption on oxide polar ultrathin films

Barcaro G.; Fortunelli A.; Granozzi G.

PCCP. Physical chemistry chemical physics (Print) 10 (2008): 1876–1882.

<https://dx.doi.org/10.1039/b719346g>

34)-Mobility of Au on TiOx substrates with different stoichiometry and defectivity

Sedona F.; Sambì M.; Artiglia L.; Rizzi G.; Vittadini A.; Fortunelli

Journal of physical chemistry. C 112 (2008): 3187.

<http://www.cnr.it/prodotto/i/39975>

info:cnr-pdr/source/autori:Sedona F., Sambì M., Artiglia L., Rizzi G., Vittadini A., Fortunelli/titolo:Mobility of Au on TiOx substrates with different stoichiometry and defectivity/

35)-Structural motifs, mixing and segregation effects in 38-atom binary clusters

Paz-Borbon L. O.; Johnston R. L.; Barcaro G.; Fortunelli A.

The Journal of chemical physics 128 (2008): 134517.

<https://dx.doi.org/10.1063/1.2897435>

36)-Pressure-broadening in the THz frequency region: The 1.113 THz line of water

Cazzoli G.; Puzzarini C.; Buffa G.; Tarrini O.SUBJECTpressure broadeningSUBJECTpressure shiftSUBJECTrelaxationSUBJECTrotational transitionSUBJECTwater

Journal of Quantitative Spectroscopy & Radiative Transfer 109 (2008): 1563–1574.

<http://www.cnr.it/prodotto/i/39977>

info:cnr-pdr/source/autori:Cazzoli G., Puzzarini C., Buffa G., Tarrini O./titolo:Pressure-broadening in the THz frequency region: The 1.113 THz line of water/

37)-Simulation of lipid adsorption on TiO2 Surfaces in solution

Fortunelli A.; Monti S.

Langmuir 24 (2008): 10145–10154.

<https://dx.doi.org/10.1021/la801787s>

38)-Un innovativo metodo di attivazione termica a microonde

Antonetti C.; Raspolli Galletti A.M.; Longo I.

(2008): 100–105.

<http://www.cnr.it/prodotto/i/39979>

info:cnr-pdr/source/autori:Antonetti C., Raspolli Galletti A.M., Longo I./titolo:Un innovativo metodo di attivazione termica a microonde/

39)-Transperineal Microwave Thermoablation in Patients with Obstructive Benign Prostatic Hyperplasia: A Phase I Clinical Study with a New Mini-Choked Microwave Applicator
Bartoletti R.; Cai T.; Tinacci G.; Longo I.; Ricci A.; Massaro M.P.; Tosoratti N.; Zini E.; Pinzi N.

Journal of endourology 22(7) (2008): 1509–1518.

<http://www.cnr.it/prodotto/i/39980>

info:cnr-pdr/source/autori:Bartoletti R., Cai T., Tinacci G., Longo I., Ricci A., Massaro M.P., Tosoratti N., Zini E., Pinzi N./titolo:Transperineal Microwave Thermoablation in Patients with Obstructive Benign Prostatic Hyperplasia: A Phase I Clinical Study with a New Mini-Choked Microwave Applicator/

40)-Cationic catalysis and hidden negative differential resistance in reduction of radical anion of nitrobenzene

Pospisil, L; Hromadova, M; Sokolova, R; Bulickova, j; Fanelli, NSUBJECTNitro-aromatic radicalSUBJECTCationic catalysisSUBJECTNegative differential resistanceSUBJECTElectrochemical impedanceSUBJECTOscillations

Electrochimica acta 53 (2008): 4852–4858.

<https://dx.doi.org/10.1016/j.electacta.2008.02.018>

41)-Electrochemical impedance of nitrogen fixation mediated by fullerene-cyclodextrin complex

Pospisil, L; Hromadova, M; Gal, M; Bulickova, J; Sokolova, R; Fanelli, NSUBJECTimpedanceSUBJECTnitrogen fixationSUBJECTfullerene-cyclodextrin complexSUBJECTammoniaSUBJECTgamma-cyclodextrin

Electrochimica acta 53 (2008): 7445–7450.

<https://dx.doi.org/10.1016/j.electacta.2007.12.026>

42)-Observation of different mass removal regimes during the laser ablation of an aluminium target in air

Cristoforetti G.; Legnaioli S.; Palleschi V.; Tognoni E.; Benedetti P.A.

Journal of analytical atomic spectrometry (Print) 23 (2008): 1518–1528.

<http://www.cnr.it/prodotto/i/39983>

info:cnr-pdr/source/autori:Cristoforetti G., Legnaioli S., Palleschi V., Tognoni E., Benedetti P.A./titolo:Observation of different mass removal regimes during the laser ablation of an aluminium target in air/

43)-Effect of target composition on the emission enhancement observed in the double-pulse Laser-Induced Breakdown Spectroscopy

Cristoforetti G.; Legnaioli S.; Palleschi V.; Salvetti A.; Tognoni E.

Spectrochimica acta. Part B, Atomic spectroscopy 63 (2008): 312–323.

<http://www.cnr.it/prodotto/i/39984>

info:cnr-pdr/source/autori:Cristoforetti G., Legnaioli S., Palleschi V., Salvetti A., Tognoni E./titolo:Effect of target composition on the emission enhancement observed in the double-pulse Laser-Induced Breakdown Spectroscopy/

44)-Multi-diagnostic approach to characterize the onset of formation of nanoparticles in a premixed laminar ethylene/air flame

Paganini E.; Mariotti G.; Gasperetti S.; Vallebona C.; Predolin L.; Muré E.; Palleschi V.; Salvetti A.; Tognoni E.

Spectrochimica acta. Part B, Atomic spectroscopy 63 (2008): 191–201.

<http://www.cnr.it/prodotto/i/39986>

info:cnr-pdr/source/autori:Paganini E., Mariotti G., Gasperetti S., Vallebona C., Predolin L., Muré E., Palleschi V., Salvetti A., Tognoni E./titolo:Multi-diagnostic approach to characterize the onset of formation of nanoparticles in a premixed laminar ethylene/air flame/

45)-Can TD-DFT calculations accurately describe the excited states of stacked nucleobases?: The cytosine dimer as a test case

Santoro F.; Barone V.; Improta R.

Journal of computational chemistry 29 (2008): 957–964.

<http://www.cnr.it/prodotto/i/39987>

info:cnr-pdr/source/autori:Santoro F., Barone V., Improta R./titolo:Can TD-DFT calculations accurately describe the excited states of stacked nucleobases?: The cytosine dimer as a test case/

46)-ERRATUM to Enthalpy-based determination of crystalline, mobile amorphous and rigid amorphous fractions in semicrystalline polymers Poly(ethylene terephthalate)

Righetti M.C.; Tombari E.; Angiuli M.; Di Lorenzo M.L.

467 (2008): 121.

<http://www.cnr.it/prodotto/i/39991>

info:cnr-pdr/source/autori:Righetti M.C., Tombari E., Angiuli M., Di Lorenzo M.L./titolo:ERRATUM to Enthalpy-based determination of crystalline, mobile amorphous and rigid amorphous fractions in semicrystalline polymers Poly(ethylene terephthalate)/

47)-Crystalline, mobile Amorphous and rigid amorphous fractions in isotactic polystyrene

Righetti M.C.; Tombari E.; Di Lorenzo M.L.SUBJECTisotactic polystyreneSUBJECTthree-phase systemSUBJECTrigid amorphous fraction

European Polymer Journal 44 (2008): 2659–2667.

<http://www.cnr.it/prodotto/i/39992>

info:cnr-pdr/source/autori:Righetti M.C., Tombari E., Di Lorenzo M.L./titolo:Crystalline, mobile Amorphous and rigid amorphous fractions in isotactic polystyrene/

48)-Vibrational and configurational specific heats during isothermal structural relaxation of a glass to equilibrium liquid

Tombari E.; Ferrari C.; Salvetti G.; Johari G.P. SUBJECTheat capacity SUBJECTgalss transition

Physical review. B, Condensed matter and materials physics 78 (2008): 144203.

<https://dx.doi.org/10.1103/PhysRevB.78.144203>

49)-Molecular mobility, thermodynamics and stability of Griseofulvin's ultraviscous and glassy states from dynamic heat capacity

Tombari E.; Presto S.; Johari G.P.; Shanker R.M.

Pharmaceutical research 25 (2008): 902–912.

<https://dx.doi.org/10.1007/s11095-007-9444-8>

50)-Configurational specific heat of molecular liquids by modulated calorimetry

Tombari E.; Ferrari C.; Johari G.P. SUBJECTDIFFERENTIAL SCANNING CALORIMETRYSUBJECTGLASS-FORMING LIQUIDSSUBJECTNARAYANASWAMY-MOYNIHAN MODELSUBJECTSUPERCOOLED LIQUIDSSUBJECTDIELECTRIC-RELAXATION

The Journal of chemical physics 129 (2008): 54501–54507.

<https://dx.doi.org/10.1063/1.2961024>

51)-Calorimetric relaxation in pharmaceutical molecular glasses and its utility in understanding their stability against crystallization

Tombari E.; Ferrari C.; Johari G.P.; Shanker R.M. SUBJECTSTRUCTURAL RELAXATIONSUBJECTDIELECTRIC-RELAXATIONSUBJECTSECONDARY RELAXATIONSSUBJECTENTHALPY RELAXATIONSUBJECTVISCOUS-LIQUIDS

The journal of physical chemistry. B 112 (2008): 10806–10814.

<https://dx.doi.org/10.1021/jp801794a>

52)-Low-Loss Microwave Ceramics Based on Non-Stoichiometric Perovskites Ba(Co_{1/3}Nb_{2/3})O-3 and Ba(Zn_{1/3}Nb_{2/3})O-3

Belous A.G.; Ovchar O.V.; Kramarenko O.V.; Bezjak J.; Jancar B.; Suvorov D.; Annino G.

Ferroelectrics (Print) 367 (2008): 149–162.

<https://dx.doi.org/10.1080/00150190802375227>

53)-Implementation of Fowler's method forend-tidal air sampling

Di Francesco F.; Loccioni C.; Fioravanti M.; Russo A.; Pioggia G.; Ferro M.; Roehrer I.; Tabucchi S.; Onor M.

2 (2008): 37009–37019.

<http://www.cnr.it/prodotto/i/39998>

info:cnr-pdr/source/autori:Di Francesco F., Loccioni C., Fioravanti M., Russo A., Pioggia G., Ferro M., Roehrer I., Tabucchi S., Onor M./titolo:Implementation of Fowler's method forend-tidal air sampling/

54)-Mechanisms involved in chemical vapor generation by aqueous tetra hydroborate(III) derivatization - Role of hexacyanoferrate(III) in plumbane generation

Alessandro D'Ulivo; Massimo Onor; Roberto Spiniello; Emanuela PitzalisSUBJECTChemical vapor

generationSUBJECTMechanismsSUBJECTTetrahydroborate(III)SUBJECTLeadSUBJECTAtomic fluorescence spectrometry

Spectrochimica acta. Part B, Atomic spectroscopy 63 (2008): 835–842.

<https://dx.doi.org/10.1016/j.sab.2008.02.007>

55)-X-ray absorption and resonant Auger spectroscopy of O₂ in the vicinity of the O 1s* resonance: Experiment and theory

Feifel R.; Velkov Y.; Carravetta V.; Angeli C.; Cimiraglia R.; SaBek P.; Gel'mukhanov F.; Sorensen S.L.; Pianca[telli M.N.; De Fanis A.; Okada K.; Kitajima M.; Tanaka T.; Tanaka H.; Ueda K.SUBJECTcomputational spectroscopySUBJECTXPSUBJECTNEXAFSSUBJECTO₂

Journal of chemical physics online 128 (2008): 064304–064311.

<https://dx.doi.org/10.1063/1.2831920>

56)-Quantum molecular dynamics study of water on TiO₂(110) surface

Zhang W.; Yang J.; Luo Y.; Monti S.; Carravetta V.SUBJECTwaterSUBJECTTiO₂ surfaceSUBJECTCP dynamicsSUBJECTpartial dissociation

The Journal of chemical physics 129 (2008): 064703–064708.

<https://dx.doi.org/10.1063/1.2955452>

57)-The role of the amorphous phase in the recrystallization process of cold-crystallized poly(ethylene terephthalate)

Pieruccini M.; Flores A.; Nochel U.; Di Marco G.; Stribeck N.; Balta Calleja F.J.SUBJECTPolymersSUBJECTelastomersSUBJECTX-ray diffractionSUBJECTStructural transitions in nanoscale materials

The European physical journal. E, Soft matter (Online) 27 (2008): 365–373.

<https://dx.doi.org/10.1140/epje/i2008-10389-0>

58)-Recrystallization studies on isotropic cold-crystallized PET: Influence of heating rate

Flores A.; Pieruccini M.; Nochel U.; Stribeck N.; Balta Calleja F.J.

Polymer (Guildford) 49 (2008): 965–973.

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59)-Low temperature specific heat of heterocyclic polymer networks: Effect of network density

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Giulietti A.; N. Bourgeois; Ceccotti T.; X. Davoine; P. D'Oliveira; Galimberti M.; J. Galy; Gamucci A.; Giulietti D.; Gizzi L.A.; D.J. Hamilton; E. Lefebvre; Labate L.; J.R. Marquès; P. Monot; H. Popescu; F. Réau; G. Sarri; Tomassini P.; P. Martin

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89)-Renewal Aging in Non-Homogeneous Poisson Processes with Periodic Rate Modulation

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90)-Light depolarization induced by metallic tips in apertureless near-field optical microscopy and tip-enhanced Raman spectroscopy

Gucciardi, PG; Lopes, M; Deturche, R; Julien, C; Barchiesi, D; de la Chapelle, ML
SUBJECTTERSSUBJECTRAMAN; POLARIZATION;
SCATTERINGSUBJECTSILICON

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91)-Carbon Nanotubes Irradiation effects induced by Pulsed Laser Deposition

Mangione, A; Torrisi, L; Visco, AM; Campo, N; Bonaccorso, F; Gucciardi, PG; Belloni, FS
SUBJECTspettroscopia ramanSUBJECTnanotubiSUBJECTpulsed laser
depositionSUBJECTradiation damage

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92)-Light depolarization induced by sharp metallic tips and effects on Tip-Enhanced Raman Spectroscopy

Gucciardi, PG; Bonaccorso, F; Lopes, M; Billot, L; de la Chapelle, ML
SUBJECT Tip Enhanced Raman Spectroscopy
SUBJECT Surface Enhanced Raman Spectroscopy
SUBJECT Nanooptics
SUBJECT near-field
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93)-Optical trapping of carbon nanotubes

Maragò O. M.; Gucciardi P. G.; Bonaccorso F.; Calogero G.; Scardaci V.; Rhozin A. G.; Ferrari A. C.; Jones P. H.; Saija R.; Borghese F.; Denti P.; Iatì M. A.
SUBJECT Optical tweezers
SUBJECT carbon nanotubes
SUBJECT electromagnetic scattering
SUBJECT t-matrix
Physica. E, Low-dimensional systems and nanostructures (Print) 40 (2008): 2347.

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94)-Femtonewton Force Sensing with Optically Trapped Nanotubes

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SUBJECT Optical tweezers
SUBJECT carbon nanotubes
SUBJECT force sensing
SUBJECT brownian motion
Nano letters (Print) 8 (2008): 3211–3216.

<https://dx.doi.org/10.1021/nl8015413>

95)-X-ray photoelectron spectroscopy and x-ray excited Auger spectroscopy studies of manganese thiophosphate intercalated with sodium ions

Letteria Silipigni; Teresa Quattrone; Lilla Schirò; Vincenzo Grasso; Luigi Monsù Scolaro; Giovanna De Luca; Gabriele Salvato
SUBJECT Auger electron spectra
SUBJECT intercalation compounds
SUBJECT ion exchange
SUBJECT manganese compounds
SUBJECT X-ray photoelectron spectra

Journal of applied physics (online) 104 (2008): 123711.

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96)-Nanostructured silver thin films deposited by pulsed laser ablation

Fazio B.; Trusso S.; Fazio E.; Neri F.; Ossi P.M.; Santo N.

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info:cnr-pdr/source/autori:Fazio B. ; Trusso S. ;Fazio E. ; Neri F. ; Ossi P.M. ; Santo N./titolo:Nanostructured silver thin films deposited by pulsed laser ablation/

97)-Pulsed laser deposition of boron nitride thin films

Acacia N.; Fazio E.; Neri F.; Ossi P.M.; Trusso S.; Santo N
Radiation effects and defects in solids (Print) 163 (2008): 293–298.
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98)-Laser induced breakdown spectroscopy for the analysis of archaeological dyes from Licata (Sicily)

Ponterio R.; Trusso S.; Vasi C.; La Torre G.F.; Toscano Raffa A.SUBJECTArcheologiaSUBJECTSpettroscopia
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99)-Structural characterization of pulsed laser deposited poly(methylmethacrylate) thin films

Fazio B.; Trusso S.; Fazio E.; Neri F.
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info:cnr-pdr/source/autori:Fazio B. ; Trusso S. ; Fazio E.; Neri F./titolo:Structural characterization of pulsed laser deposited poly(methylmethacrylate) thin films/

100)-Large-scale production of high-quality multi-walled carbon nanotubes: role of precursor gas and of Fe-catalyst support

Messina G.; Modafferi V.; Santangelo S.; Tripodi P.; Donato M. G.; Lanza M.; Galvagno S.; Milone C.; Piperopoulos E.; Pistone A.SUBJECTCarbon nanotubes; MWCNT; Isobutane; Fe catalysts; Raman spectroscopy; Chemical vapour deposition
Diamond and related materials 17 (2008): 1482–1488.
<http://www.cnr.it/prodotto/i/40072>

info:cnr-pdr/source/autori:Messina G.; Modafferi V.; Santangelo S.; Tripodi P.; Donato M. G.; Lanza M.; Galvagno S.; Milone C.; Piperopoulos E.; Pistone A./titolo:Large-scale production of high-quality multi-walled carbon nanotubes: role of precursor gas and of Fe-catalyst support/

101)-Multi-walled carbon nanotubes production by ethane decomposition over silica-supported iron-catalyst

Messina G.; Santangelo S.; Donato M.G.; Lanza M.; Milone C.; Pistone A.; Galvagno S.
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102)-Iron-catalyst performance in carbon nanotube growth by chemical vapour deposition

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103)-Light scattering as spectroscopic tool for the study of disperse systems useful in pharmaceutical sciences

Valentina Villari; Norberto MicaliSUBJECTlight scattering; colloid; controlled release; drug transport; particle sizing; protein aggregation

Journal of pharmaceutical sciences 97 (2008): 1703–1730.

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104)-Raman and photoluminescence study of Hot Filament CVD diamond films grown onto WC-Co substrates

Donato M. G.; Faggio G.; Messina G.; Santangelo S.; Tripodi P.; Barletta M.; Rubino G.SUBJECTRaman spectroscopySUBJECThot filament CVD diamond filmsSUBJECTWC-Co substratesSUBJECTphotoluminescence

Journal of Raman spectroscopy 39 (2008): 157.

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info:cnr-pdr/source/autori:Donato M. G.; Faggio G.; Messina G.; Santangelo S.; Tripodi P.; Barletta M.; Rubino G./titolo:Raman and photoluminescence study of Hot Filament CVD diamond films grown onto WC-Co substrates/

105)-Raman analysis of MWCNTs produced by catalytic CVD: derivation of a scaling law for the growth parameters

Donato M.G.; Galvagno S.; Messina G.; Milone C.; Pistone A.; Santangelo S.SUBJECTcarbon nanotubesSUBJECTMWCNTSUBJECTRaman microscopySUBJECTcatalytic processesSUBJECTchemical vapour deposition

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106)-Spectroscopic investigation of homoepitaxial CVD diamond for detection applications

Donato M. G.; Faggio G.; Messina G.; Santangelo S.; Marinelli Marco; Milani E.; Scoccia M.; Verona Rinati G.; Chiorboli M.; Potenza R.; Tuvé C. SUBJECT Chemical Vapor Deposition SUBJECT Synthetic diamond SUBJECT Excitons SUBJECT Detectors

Diamond and related materials 17 (2008): 372.

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info:cnr-pdr/source/autori:Donato M. G. ; Faggio G. ; Messina G.; Santangelo S. ; Marinelli Marco ; Milani E. ; Scoccia M. ; Verona Rinati G. ; Chiorboli M. ; Potenza R.; Tuvé C./titolo:Spectroscopic investigation of homoepitaxial CVD diamond for detection applications/

107)-Experiments on C nanotubes synthesis by Fe-assisted ethane decomposition

Donato M.G.; Messina G.; Milone C.; Pistone A.; Santangelo S. SUBJECT Carbon nanotubes SUBJECT MWNTS SUBJECT Raman spectroscopy SUBJECT Catalytic processes SUBJECT Chemical vapor deposition

Diamond and related materials 17 (2008): 318.

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info:cnr-pdr/source/autori:Donato M.G.; Messina G.; Milone C.; Pistone A.; Santangelo S./titolo:Experiments on C nanotubes synthesis by Fe-assisted ethane decomposition/

108)-On the correlation between CVD growth conditions and crystalline quality and abundance of multi-walled carbon nanotubes

Donato M.G.; Messina G.; Santangelo S.

41 (2008): 237.

<http://www.cnr.it/prodotto/i/40093>

info:cnr-pdr/source/autori:Donato M.G., Messina G. , Santangelo S./titolo:On the correlation between CVD growth conditions and crystalline quality and abundance of multi-walled carbon nanotubes/

109)-Morphology of 1-alkyl-3-methylimidazolium hexafluorophosphate room temperature ionic liquids

Triolo A; Russina O; Fazio B; Triolo R; Di Cola E

Chemical physics letters (Print) 457 (2008): 362–365.

<http://www.cnr.it/prodotto/i/40095>

info:cnr-pdr/source/autori:Triolo A ; Russina O ; Fazio B ; Triolo R ; Di Cola E/titolo:Morphology of 1-alkyl-3-methylimidazolium hexafluorophosphate room temperature ionic liquids/

110)-Local organization of water and its effect on the structural heterogeneities in room-temperature ionic liquid/H₂O mixtures

Fazio B; Triolo A; Di Marco G

Journal of Raman spectroscopy 39 (2008): 233.

<http://www.cnr.it/prodotto/i/40096>

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111)-Photophysical properties of quinones and their interaction with the photosynthetic reaction centre

Barbafina, Arianna; Elisei, Fausto; Latterini, Loredana; Milano, Francesco; Agostiano, Angela; Agostiano, Angela; Trotta, Massimo

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112)-Toward an effective yet reliable many-body computation of magnetic couplings in bisnitronyl nitroxide biradicals

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113)-Generation of volatile cobalt species by UV photoreduction and their tentative identification

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114)-Simulation of the propagation effects in the HF-EPR spectra of non-diluted magnetic materials

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117)-TiO₂ nanorods/PMMA copolymer-based nanocomposites: highly homogeneous linear and nonlinear optical material

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- 140)-Accurate First-Principle Prediction of ²⁹Si and ¹⁷O NMR Parameters in SiO₂ polymorphs: The cases of zeolites Sigma-2 and Ferrierite**
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144)-Chemistry of nitrated lipids: remarkable instability of 9-nitrolinoleic acid in neutral aqueous medium and a novel nitronitrate ester product by concurrent autooxidation/nitric oxide-release pathways

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145)-Phototransformation of the drug trazodone in aqueous solution

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151)-Theoretical modeling of open-shell molecules in solution: a QM/MM molecular dynamics approach

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155)-Structural and dynamical properties of the Hg²⁺ aqua ion: a Molecular Dynamics study

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158)-Accurate and feasible computations of structural and magnetic properties of large free radicals: the PBE0/N07D model

Barone V.; P. Cimino

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162)-On the interpretation of cw-ESR spectra of tempo-palmitate in 5-cyanobipheny

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163)-Structure and ESR features of a radiation-induced radical in a-glycine crystals

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164)-Implementation and validation of DFT-D for molecular vibrations and dynamics: the benzene dimer as a case study

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Cosma P.; Fini P.; Rochira S.; Catucci L.; Agostiano A.; Gristina R.; Nardulli M.SUBJECTPDT; Chlorophyll a; Cyclodextrins; Jurkat cells

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Roberto Grisorio; Claudia Piliago; Paola Fini; Pinalysa Cosma; Piero Mastrorilli; Giuseppe Gigli; Gian Paolo Suranna; Cosimo Francesco Nobile

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167)-Light Emission in Organic FETs based on DHCOT4

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168)-Correlation between dielectric/organic interface properties and key electrical parameters in PPV-based OFETs

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170)-An artificial disc: chemical and biomechanical analysis

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171)-Cochlear repair by transplantation of human cord blood CD133+ cells to nod-scid mice made deaf with kanamycin and noise

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172)-The Morphology of Electrostatic Tripolar Regions

Nocera L.SUBJECTPlasmaSUBJECTOscillationsSUBJECTTripolar regionsSUBJECTIsolated electrostatic structuresSUBJECTElectrostatic solitary waves
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Mercuri, D.; Leone, G.; Barbucci, R.; Favalaro, R.; Facchini, A.; Signori, F.; Bronco, S.; Ciardelli, F.SUBJECTannulus fibrosusSUBJECTguar gumSUBJECThydrogelSUBJECTintervertebral disc degenerationSUBJECTnucleus pulposus
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S. Akpinar; P. Defazio; P. Gamallo; C. Petrongolo.

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177)-Confinement in Einstein's unified field theory

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Trotta M.; Ceci L.R.

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182)-La luce dalla lattina

Trotta Massimo; Ceci Luigi R.

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185)-Electrostatic effects on cluster simulation of ionic crystals and surfaces

Causà M.; Barone V.; Stener M.; Fronzoni G.

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186)-XPS investigation on the structure of two dipeptides studied as models of self-assembling oligopeptides: comparison between experiments and theory

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187)-Proton probing measurement of electric and magnetic fields generated by ns and ps laser-matter interactions

Romagnani, L; Borghesi, M; Cecchetti, CA; Kar, S; Antici, P; Audebert, P; Bandhoupadjay, S; Ceccherini, F; Cowan, T; Fuchs, J; Galimberti, M; Gizzi, LA; Grismayer, T; Heathcote, R; Jung, R; Liseykina, TV; Macchi, A; Mora, P; Neely, D; Notley, M; OsterholtSUBJECTHIGH-INTENSITY LASERSUBJECTION-ACCELERATIONSUBJECTPLASMA INTERACTIONSUBJECTTARGETSSUBJECTDRIVEN

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188)-Physics of polymers at the Italian high-field EPR facility: Heterogeneities and fast dynamics

Bercu V.; Martinelli M.; Massa C. A.; Pardi L. A.; Leporini D.SUBJECTGLASS-TRANSITIONSUBJECTPOLYSTYRENESUBJECTRELAXATIONSUBJECTRESONANCESUBJECTLIQUIDS

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189)-Interface-stabilized phases of metal-on-oxide nanodots

Ferrando R.; Rossi G.; Nita F.; Barcaro G.; Fortunelli A.SUBJECTGENERALIZED-GRADIENT-APPROXIMATIONSUBJECTGLOBAL OPTIMIZATIONSUBJECTALLOY NANOCUSTERSSUBJECTCATALYTIC-ACTIVITYSUBJECTCLUSTERS

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190)-Influence of Keto Groups on the Optical, Electronic, and Electroluminescent Properties of Random Fluorenone-Containing Poly(fluorenylene-vinylene)s

Roberto Grisorio; Claudia Pilego; Marinella Striccoli; Pinalysa Cosma; Paola Fini; Giuseppe Gigli; Piero Mastrorilli; Gian Paolo Suranna e Cosimo Francesco Nobile
SUBJECTCROSS-COUPLING REACTIONSSUBJECTLIGHT-EMITTING-DIODESSUBJECTGREEN EMISSIONSUBJECTCONJUGATED POLYMERSSUBJECTPOLYFLUORENE

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191)-Direct role of surface oxygen vacancies in visible light emission of tin dioxide nanowires

S. Lettieri; M. Causà; A. Setaro; F. Trani; V. Barone; D. Ninno; P. Maddalena
SUBJECTELECTRICAL-PROPERTIESSUBJECTSNO2 NANOWIRESSUBJECTPHOTOLUMINESCENCE PROPERTIESSUBJECT1ST-PRINCIPLES CALCULATIONSSUBJECTROOM-TEMPERATURE

The Journal of chemical physics 129 (2008): 244710.

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192)-Waiting time distributions of the volatility in the Italian MIB30 index: Clustering or Poisson functions?

Greco, A; Sorriso-Valvo, L; Carbone, V; Cidone, S
SUBJECTSELF-ORGANIZED CRITICALITYSUBJECTPRICE FLUCTUATIONSSUBJECTFINANCIAL-MARKETSSUBJECTSPIN MODELSUBJECTTURBULENCE

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193)-Quasi-in-plane leaky modes in lasing cholesteric liquid crystal cells

Blinov, LM; Cipparrone, G; Mazzulla, A; Pagliusi, P; Lazarev, VV; Palto, S
SUBJECTcholesteric liquid crystals; laser modes; liquid lasers; nematic liquid crystals; optical waveguides

Journal of applied physics 104 (2008): 103115.

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194)-Defect evolution in oxide nanophases: The case of a zigzag-like TiO_x phase on Pt(111)

Sedona, F; Granozzi, G; Barcaro, G; Fortunelli, A
SUBJECTSCANNING-TUNNELING-MICROSCOPYSUBJECTMETAL-SUPPORT INTERACTIONSSUBJECTHETEROGENEOUS CATALYSTSSUBJECTMODEL CATALYSTSSUBJECTFILMS

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195)-Thermally induced denaturation and aggregation of BLG-A: effect of the Cu²⁺ and Zn²⁺ metal ions

Stirpe, A; Rizzuti, B; Pantusa, M; Bartucci, R; Sportelli, L; Guzzi, R
SUBJECTBOVINE BETA-LACTOGLOBULINSUBJECTHEAT-INDUCED
AGGREGATIONSUBJECTPROTEIN AGGREGATIONSUBJECTFTIR
SPECTROSCOPYSUBJECTSERUM-ALBUMIN

European biophysics journal 37 (2008): 1351–1360.

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196)-Electrically controlled defects at a liquid crystal-polyimide interface

Ciuchi, F; Giocondo, M; Barberi, R
SUBJECTNEMATIC SOLUTIONSUBJECTLATEX-
PARTICLELESSUBJECTDISPERSION

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197)-Pulse ENDOR and density functional theory on the peridinin triplet state involved in the photo-protective mechanism in the peridinin-chlorophyll a-protein from *Amphidinium carterae*

Di Valentin M.; Ceola S.; Agostini G.; Giacometti G.M.; Angerhofer A.; Crescenzi O.; Barone V.; Carbonera D.

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198)-Computational materials science at work: Density functional based study of structural and optical properties of tin oxide surface

Causa, M; Pavone, M; Trani, F; Barone, V Causà M., Pavone M., Trani F., Barone V.
SUBJECTHARTREE-FOCK GRADIENTSSUBJECTPERIODIC-
SYSTEMSSUBJECTBASIS-SETS

123 (2008): 1381–1390.

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info:cnr-pdr/source/autori:Causa, M; Pavone, M; Trani, F; Barone, V Causà M., Pavone M., Trani F., Barone V./titolo:Computational materials science at work: Density functional based study of structural and optical properties of tin oxide surface/

199)-Quantum mechanical computations and spectroscopy: from small rigid molecules in the gas phase to large flexible molecules in solution

Barone, V.; Improta, R.; Rega, N

Accounts of chemical research 41 (2008): 605–616.

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info:cnr-pdr/source/autori:Barone, V.; Improta, R.; Rega, N/titolo:Quantum mechanical computations and spectroscopy: from small rigid molecules in the gas phase to large flexible molecules in solution/

200)-The rate matching effect: A hidden property of aperiodic stochastic resonance

Lukovic, M; Ignaccolo, M; Fronzoni, L; Grigolini, P
SUBJECTPHASE SYNCHRONIZATION

372 (2008): 2608–2613.

<http://www.cnr.it/prodotto/i/167436>

info:cnr-pdr/source/autori:Lukovic, M; Ignaccolo, M; Fronzoni, L; Grigolini, P/titolo:The rate matching effect: A hidden property of aperiodic stochastic resonance/

201)-New Electrode-Friendly Triindole Columnar phases with High Hole Mobility

Talarico, M; Termine, R; Garcia-Frutos, EM; Omenat, A; Serrano, JL; Gomez-Lor, B; Golemme, A
SUBJECTDISCOTIC LIQUID-CRYSTALSSUBJECTFIELD-EFFECT TRANSISTORSSUBJECTCHARGE-CARRIER MOBILITYSUBJECTSPACE-CHARGESUBJECTSEMICONDUCTORS

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202)-Lasing in Three Layer Systems Consisting of Cholesteric Liquid Crystals and Dye Solution

Chilaya, G; Chanishvili, A; Petriashvili, G; Barberi, R; Cipparrone, G; Mazzulla, A; De Santo, MP; Sellame, H; Matranga, M
SUBJECTDEFECT-MODESUBJECTSPONTANEOUS EMISSIONSUBJECTLASER-EMISSIONSUBJECTBANDSUBJECTTHRESHOLD

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203)-Light-induced reorientation and birefringence in polymeric dispersions of nano-sized crystals

Termine R.; Aiello I.; Godbert N.; Ghedini M.; Golemme A.
SUBJECTPHOTOREFRACTIVE MATERIALSSUBJECTCOMPLEXESSUBJECTCOMPOSITESSUBJECTGRATINGS

Optics express 16 (2008): 6910–6920.

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204)-Spectrograph based on a single diffractive element for real-time measurement of circular dichroism

Pagliusi, P; Provenzano, C; Mazzulla, A; Giorgini, L; Cipparrone
G SUBJECT POLARIZATION

MODULATIONS SUBJECTS SPECTROMETERS SUBJECT EFFICIENCY SUBJECT GRATINGS

Applied spectroscopy 62 (2008): 465–468.

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205)-Statistical properties of earthquakes clustering

Vecchio, A; Carbone, V; Sorriso-Valvo, L; De Rose, C; Guerra, I; Harabaglia,
P SUBJECT LAW

Nonlinear processes in geophysics 15 (2008): 333–338.

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info:cnr-pdr/source/autori:Vecchio, A; Carbone, V; Sorriso-Valvo, L; De Rose, C; Guerra, I;
Harabaglia, P/titolo:Statistical properties of earthquakes clustering/

206)-Statistical analysis of random lasing emission properties in nematic liquid crystals

Ferjani, S; Sorriso-Valvo, L; De Luca, A; Barna, V; De Marco, R; Strangi,
G SUBJECT RANDOM LASERS SUBJECT POISSONS SUBJECT LIGHT

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207)-Spatio-temporal analysis of photospheric turbulent velocity fields using the proper orthogonal decomposition

Vecchio, A; Carbone, V; Lepreti, F; Primavera, L; Sorriso-Valvo, L; Straus, T; Veltri,
P SUBJECT SOLAR

PHOTOSPHERES SUBJECT DYNAMICS SUBJECT SPECTRAS SUBJECT MODES SUBJECTS
UN

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L; Straus, T; Veltri, P/titolo:Spatio-temporal analysis of photospheric turbulent velocity fields
using the proper orthogonal decomposition/

208)-Small-scale energy cascade of the solar wind turbulence

Alexandrova, O; Carbone, V; Veltri, P; Sorriso-Valvo, L SUBJECT DISSIPATION
RANGES SUBJECT HALL MAGNETO HYDRODYNAMICS SUBJECT MAGNETIC
FLUCTUATIONS SUBJECT INTERPLANETARY SUBJECT DYNAMICS

The Astrophysical journal 674 (2008): 1153–1157.

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info:cnr-pdr/source/autori:Alexandrova, O; Carbone, V; Veltri, P; Sorriso-Valvo,
L/titolo:Small-scale energy cascade of the solar wind turbulence/

209)-Searching for the optimum structures of alloy nanoclusters

Ferrando, R; Fortunelli, A; Johnston, RLSUBJECTTRANSITION-METAL CLUSTERS
SUBJECTDENSITY-FUNCTIONAL CALCULATION
SUBJECTPALLADIUM NANOALLOY CLUSTERS
SUBJECTAB-INITIO PSEUDOPOTENTIAL
SUBJECTLOWEST ENERGY STRUCTURES

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<https://dx.doi.org/10.1039/b709000e>

210)-Synthesis of bifluorene-based molecular materials: effect of C-9 spirocyclohexane functionalization and end-group tailoring

Grisorio, R; Piliego, C; Cosma, P; Fini, P; Mastrorilli, P; Gigli, G; Suranna, GP; Nobile, CFSUBJECTBLUE-LIGHT EMISSIONS
SUBJECTGREEN EMISSIONS
SUBJECTMONODISPERSE OLIGOFLUORENE
SUBJECTCONJUGATED OLIGOMERS
SUBJECTAMORPHOUS MATERIALS

Tetrahedron (Oxf., Print) 64 (2008): 8738–8745.

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info:cnr-pdr/source/autori:Grisorio, R; Piliego, C; Cosma, P; Fini, P; Mastrorilli, P; Gigli, G; Suranna, GP; Nobile, CF/titolo:Synthesis of bifluorene-based molecular materials: effect of C-9 spirocyclohexane functionalization and end-group tailoring/

211)-Anomaly of the rotational nonergodicity parameter of glass formers probed by high field electron paramagnetic resonance

Bercu V.; Martinelli M.; Massa C.A.; Pardi L.A.; Rossler E.A.; Leporini D.
SUBJECTDEPOLARIZED LIGHT-SCATTERING
SUBJECTMODE-COUPPLING THEORY
SUBJECTO-TERPHENYL
SUBJECTSTRUCTURAL RELAXATIONS
SUBJECTNEUTRON-SCATTERING

The Journal of chemical physics 129 (2008).

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212)-Oxygen and water vapor barrier properties of MMT nanocomposites from low density polyethylene or EPM with grafted succinic groups

Passaglia E.; Bertoldo M.; Ceriegi S.; Sulcis R.; Narducci P.; Conzatti L.
SUBJECTPolyolefin/Clay Nanocomposite
SUBJECTGas Barrier Properties
SUBJECTPolyolefin Modification
SUBJECTPolymer Confinement

Journal of nanoscience and nanotechnology (Print) 8 (2008): 1690–1699.

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213)-Heating the solar wind by a magnetohydrodynamic turbulent energy cascade

Marino, R; Sorriso-Valvo, L; Carbone, V; Noullez, A; Bruno, R; Bavassano, B
SUBJECTEVOLUTIONS
SUBJECTULYSSE
SUBJECTPLASMA
SUBJECTSOLAR WIND
SUBJECTTURBULENCE

The astrophysical journal. Letters (Print) 677 (2008): L71–L74.

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214)-Investigation of porous silicon wetting by Raman scattering

Ferrara MA; Donato MG; Sirleto L; Messina G; Santangelo S; Rendina I
Spectroscopy letters (Print) 41 (2008): 174–178.

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215)-Metallomesogens as biaxial dopants in a calamitic nematic liquid crystal

Ayeb H.; Ciuchi F.; Lombardo G.; Barberi R.SUBJECTELECTRIC-FIELDSUBJECTORDER
Molecular crystals and liquid crystals (Phila. Pa. : 2003) 481 (2008): 73–79.

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info:cnr-pdr/source/autori:Ayeb H.; Ciuchi F.; Lombardo G.; Barberi R./titolo:Metallomesogens as biaxial dopants in a calamitic nematic liquid crystal/

216)-Methacrylic polymers containing optically active side-chain carbazole: Synthesis, characterization and photoconductive properties

Angiolini L.; Benelli T.; Giorgini L.; Golemme A.; Mauriello F.; Salatelli E.; Termine R.SUBJECTchiral polymersSUBJECTfunctionalization of polymersSUBJECTphotochemistry
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217)-Effective method for the computation of optical spectra of large molecules at finite temperature including the Duschinsky and Herzberg-Teller effect: The Qx band of porphyrin as a case study.

Santoro, F.; Lami, A.; Improta, R.; Bloino, J.; Barone, V.
The Journal of chemical physics 128 (2008): 1–17.

<https://dx.doi.org/10.1063/1.2929846>

218)-Fast and slow dynamics of isotactic polypropylene melts

Tanchawanich J.; Arrighi V.; Sacchi M.C.; Telling M. T. F.; Triolo A.
Macromolecules (Print) 41 (2008): 1560–1564.

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219)-Random terpolymers for electroluminescent devices: Synthesis and characterization of new cyano-containing poly(flourenylene-vinylene)s

Roberto Grisorio; Claudia Piliego; Paola Fini; Pinalysa Cosma; Piero Mastrorilli; Giuseppe Gigli; Gian Paolo Suranna; Cosimo Francesco NobileSUBJECTLIGHT-EMITTING-

DIODESSUBJECTCROSS-COUPLING REACTIONSSUBJECTCONJUGATED
POLYMERSSUBJECTGREEN EMISSIONSUBJECTPHOTOPHYSICAL PROPERTIES

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220)-A novel microwave assisted process for the synthesis of nanostructured ruthenium catalysts active in the hydrogenation of phenol to cyclohexanone

A.M Raspolli-Galletti; C.Antonetti; I.Longo; G.Capannelli; A.M.Venezia

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I.Longo,G.Capannelli,A.M.Venezia/titolo:A novel microwave assisted process for the synthesis of nanostructured ruthenium catalysts active in the hydrogenation of phenol to cyclohexanone/

221)-Neutron Tomography at INES: First experimental results

Salvato G.; Aliotta F.; Bartoli L.; Grazzi F.; Ponterio R.C.; Tresoldi D.; Vasi C.S.; Zoppi M.SUBJECTNeutron tomographySUBJECTNeutron imagingSUBJECTCultural Heritage

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222)-Inhomogeneous bulk nematic order reconstruction

Lombardo G.; Ayeb H.; Ciuchi F.; De Santo M.P.; Barberi R.; Bartolino R.; Virga E.G.; Durand G.E.SUBJECTLIQUID-CRYSTALSUBJECTINTERFACE

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223)-Amphiphilic Cyclodextrins as capping agents for gold colloids: a spectroscopic investigation with perspectives in photothermal therapy

Antonino Mazzaglia; Mariachiara Trapani; Valentina Villari; Norberto Micali; Francesca Marino Merlo; Daniela Zaccaria; Maria Teresa Sciortino; Francesco Previti; Salvatore Patane; Luigi Monsu Scolaro

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224)-Spatial distribution of hydrogen and other emitters in aluminum laser-induced plasma in air and cosequences on spatially integrated laser induced breakdown spectroscopy measurements

De Giacomo A; Dell'Aglio M; Gaudio R; Cristoforetti G.; Legnaioli, S.; Palleschi V; Tognoni E. **SUBJECT**Hydrogen**SUBJECTS**Spectrally resolved imaging**SUBJECTLIBSSUBJECTS**Species density profiles**SUBJECT**Plasma evolution *Spectrochimica acta. Part B, Atomic spectroscopy* 63 (2008): 980–987.

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225)-Effect of shape and surface chemistry of TiO₂ colloidal nanocrystals on the organic vapor absorption capacity of TiO₂/PMMA composite

Convertino A; Leo G; Striccoli M; Di Marco G; Curri M L *Polymer (Guildford)* 49 (2008): 5526–5532.

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226)-Study of strain and wetting phenomena in porous silicon by Raman scattering

Ferrara M. A.; Donato M. G.; Sirleto L.; Messina G.; Santangelo S.; Rendina I. **SUBJECT**Raman effect; Raman scattering; Raman spectroscopy; scattering measurements *Journal of Raman spectroscopy* 39 (2008): 199–204.

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227)-Supramolecular porphyrin polymers in solution and at the solid-liquid interface

R. van Hameren; A. M. van Buul; M. A. Castriciano; V. Villari; N. Micali; P. Schon; S. Speller; L. M. Scolaro; A. E. Rowan; J. A. A. W. Elemans; R. J. M. Nolte *Nano letters (Print)* 8 (2008): 253–259.

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Feyer V.; Plekan O.; Richter R.; Coreno M.; Prince K.C.; Carravetta V. **SUBJECT**computational spectroscopy**SUBJECT**alanine threonine**SUBJECT**XPSS**SUBJECT**NEXAFS

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230)-The three-phase structure of isotactic poly(1-butene)

Di Lorenzo M.L.; Righetti M.C.

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231)-The Low-Temperature Endotherm in Poly(ethylene terephthalate): Partial Melting and Rigid Amorphous Fraction Mobilization

M.C. Righetti; M.L. Di Lorenzo; E. Tombari; M. Angiuli

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232)-Langmuir-Blodgett Film of Hydrophobin Protein from Pleurotus ostreatus at the Air-Water Interface

Houmadi S.; Ciuchi F.; De Santo MP.; De Stefano L.; Rea I.; Giardina P.; Armenante A.; Lacaze E.; Giocondo M.SUBJECTSCHIZOPHYLLUM-COMMUNESUBJECTCERATOTULMINSUBJECTSURFACESUBJECTMONOLAYERSSUBJECTSTATE

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A. Diaz-Moscoso; P. Balbuena; M. Gomez-Garcia; C. O. Mellet; J. M. Benito; L. Le Gourrierec; C. Di Giorgio; P. Vierling; A. Mazzaglia; N. Micali; J. Defaye; J. M. G. Fernandez
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234)-The umbrella motion of core-excited CH3 and CD3 methyl radicals

Ekström U.; Carravetta V.; Alagia M. Lavollee M.; Richter R.; Bolcato C.; Stranges S.SUBJECTcomputational spectroscopySUBJECTmethyl radicalSUBJECTNEXAFSSUBJECTDFT

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Babudri F.; Cardone A.; Farinola G.; Martinelli C.; Mendichi R.; Naso F.; Striccoli
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236)-Test measurements with a new neutron imaging alignment camera at ISIS

Bartoli L.; Aliotta F.; Grazi F.; Salvato G.; Vasi C.S.; Zoppi M. SUBJECT Neutron Imaging SUBJECT Neutron Radiography SUBJECT ISIS
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 595 (2008): 643–646.
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K.L. Ngai; Capaccioli S., Shinyashiki N. SUBJECT protein dynamics SUBJECT glass transition SUBJECT beta relaxation
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238)-Excess of proton mean kinetic energy in supercooled water

Pietro Paolo, A; Senesi, R; Andreani, C; Botti, A; Ricci, M; Bruni, F SUBJECT quantum fluids SUBJECT supercooled water SUBJECT neutron scattering SUBJECT DINS neutron scattering
Physical review letters 100 (2008): 127802-1–127802-4.
<http://www.cnr.it/prodotto/i/181650>

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239)-Facility for fast neutron irradiation tests of electronics at the ISIS spallation neutron source

Andreani, C; Pietro Paolo, A; Salsano, A; Gorini, G; Tardocchi, M; Paccagnella, A; Gerardin, G; Frost, CD; Ansell, S; Platt, S SUBJECT neutron irradiation SUBJECT SEES SUBJECT ISIS pulsed source
Applied physics letters 92 (2008): 114101-1–114101-3.
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240)-Surface modification of a synthetic polyurethane by plasma glow discharge: Preparation and characterization of bioactive monolayers

Sartori S.; Rechichi A.; Vozzi G.; D'Acunto M.; Heine E.; Giusti P.; Ciardelli G. SUBJECT Polyurethane SUBJECT Plasma treatment SUBJECT Bioactive SUBJECT Biomimetic SUBJECT Tissue Engineering

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241)-Local organization of water and its effect on the structural heterogeneities in room temperature ionic liquids/H₂O mixtures

B. Fazio; A. Triolo; G. Di Marco
SUBJECT Room-temperature ionic liquids; water organization; Raman spectroscopy; FTIR
Journal of Raman spectroscopy (Online) 39 (2008).
<https://dx.doi.org/10.1002/jrs.1825>

242)-Bioremediation of benzene, toluene, ethylbenzene, xylenes-contaminated soil: A biopile pilot experiment

Genovese, M.; Denaro, R.; Cappello, S.; Di Marco, G.; La Spada, G.; Giuliano, L.; Genovese, L.; Yakimov, M.M.
SUBJECT Bioaugmentation; Biopile; Bioremediation; BTEX; Hydrocarbon-degrading bacteria
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<https://dx.doi.org/10.1111/j.1365-2672.2008.03897.x>

243)-Metal adsorption on oxide polar ultrathin films (vol 10, pg 1876, 2008) - Errata Corrige

Barcaro, Giovanni;
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Capaccioli, S; Thayyil, MS; Ngai, KL
SUBJECT MODE-COUPLING-THEORY
SUBJECT GOLDSTEIN BETA-RELAXATIONS
SUBJECT MISCIBLE POLYMER BLENDS
SUBJECT ALPHA-RELAXATIONS
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245)-Enthalpy-based determination of crystalline, mobile amorphous and rigid amorphous fractions in semicrystalline polymers. Poly(ethylene terephthalate) (vol 462, pg 15, 2007)

Righetti, Maria Cristina; Tombari, Elpidio; Angiuli, Marco; Di Lorenzo, Maria Laura
SUBJECT Three-phase system; Crystalline fraction; Mobile amorphous fraction; Rigid amorphous fraction; Enthalpy
Thermochimica Acta 467 (2008): 121–121.
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1)-Influence of the dielectric and of the active layer doping on the FET mobility in PPV-based devices

F. Todescato; R. Capelli; F. Dinelli; M. Murgia; N. Camaioni; M. Yang; M. Muccini
Conference on Organic Light Emitting Materials and Devices XI, San Diego, CA, AUG 26-29, 2007

<https://dx.doi.org/10.1117/12.739483>

info:cnr-pdr/source/autori:F. Todescato, R. Capelli, F. Dinelli, M. Murgia, N. Camaioni, M. Yang, M. Muccini,/congresso_nome:Conference on Organic Light Emitting Materials and Devices XI/congresso_luogo:San Diego, CA/congresso_data:AUG 26-29, 2007/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

2)-Cyclopentadienyl and N,N-dialkylcarbamato complexes of early transition metals: Implantation on a silica matrix and catalytic properties

Renili F.; Pampaloni G.; Giaiacopi S.; Raspolli Galletti A. M.; Forte C.; Pinzino C.
Co.G.I.C.O 2008, Perugia, 2008

<http://www.cnr.it/prodotto/i/88148>

info:cnr-pdr/source/autori:Renili F., Pampaloni G., Giaiacopi S., Raspolli Galletti A. M., Forte C., Pinzino C./congresso_nome:Co.G.I.C.O 2008/congresso_luogo:Perugia/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

3)-Primi risultati sperimentali di un prototipo di tomografo a neutroni su INES

Bartoli L.; Aliotta F.; Grazi F.; Salvato G.; Ponterio R.C.; Vasi C.S.; Zoppi M.
Società Italiana di Fisica - XCIV Congresso Nazionale, Genova, 2008

<http://www.cnr.it/prodotto/i/88150>

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4)-Spettri dielettrici del tiosolfato di manganese intercalato con sodio

Silipigni L.; Quattrone T.; Schiro' L.; Grasso V.; Monsu' Scolaro L.; De Luca G.; Salvato G.
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<http://www.cnr.it/prodotto/i/88151>

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Nazionale/congresso_luogo:Genova/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

5)-Fast, specific and sensitive determination of s-nitrosoglutathione in biological samples – a novel analytical procedure

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//th Congress of the European Atherosclerosis Society, Istanbul - Turchia, 2008

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6)-Study of fast electron dynamics in solids using multispectral, monochromatic X-ray imaging

Labate L.; Giulietti A.; Giulietti D.; Gizzi L.A.; Köster P.; Levato T.; F. Zamponi; A. Lübcke; T. Kämpfer; I. Uschmann; E. Förster; A. Antonicci; D. Batani; B. Rus

35th EPS Plasma Physcs Conference, Hersonissos, Crete, Greece, 2008

<http://www.cnr.it/prodotto/i/88154>

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7)-Electrostatics and confinement in Einstein's unified field theory

Antoci S.; Liebscher D.E.; Milich L.SUBJECTGeneral relativity

Eleventh Marcel Grossmann Meeting on General Relativity, 2008

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8)-On the increase of fossil CO₂ in the atmosphere

Lepori L.; Bussolino G. C.; Matteoli E.; Spanedda A.

AICAT 2008, Pisa, 2008

<http://www.cnr.it/prodotto/i/88157>

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9)-Cause e conseguenze del riscaldamento del pianeta

Lepori L.; Matteoli E.; Bussolino G. C.

Il Congresso Nazionale AIGE, Pisa, 2008

<http://www.cnr.it/prodotto/i/88158>

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AIGE/congresso_luogo:Pisa/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

10)-Rhodobacter sphaeroides as a biotechnological tool for remediation of chromate-contaminated environments

D'Agostino D.; Italiano F., Colella R., Giotta L., Trotta M. SUBJECT heavy metals SUBJECT bioremediation

2nd international conference on advanced materials and systems, Bucharest, Romania, 23-24/06/2008

<urn:isbn:9789731716398>

info:cnr-pdr/source/autori:D'Agostino D.; Italiano F., Colella R., Giotta L., Trotta M./congresso_nome:2nd international conference on advanced materials and systems/congresso_luogo:Bucharest, Romania/congresso_data:23-

24/06/2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

11)-Investigation of morphology of nanocrystal based nanocomposites. Theoretical and computational analysis

Bianchino E; Piotto S; Concilio S; Sciancalepore C; Curri M. L.; Agostiano A.; Striccoli M.; Mavelli F.

IVTH INTERNATIONAL CONFERENCE ON TIMES OF POLYMERS (TOP) AND COMPOSITES, pp. 261–262, Ischia, 2008

<urn:isbn:978-0-7354-0570-7>

info:cnr-pdr/source/autori:Bianchino E, Piotto S, Concilio S, Sciancalepore C, Curri M. L., Agostiano A., Striccoli M., Mavelli F./congresso_nome:IVTH INTERNATIONAL CONFERENCE ON TIMES OF POLYMERS (TOP) AND COMPOSITES/congresso_luogo:Ischia/congresso_data:2008/anno:2008/pagina_da:261/pagina_a:262/intervallo_pagine:261–262

12)-Nanocomposites based on colloidal nanocrystals: an original class of functional material

Ingrosso C.; Panniello A.; Placido T.; Liuzzi F.; Agostiano A.; Comparelli R.; Curri M.L.; Striccoli, M

Workshop on nanomaterials production, characterization and industrial applications, Milano, 2008

<http://www.cnr.it/prodotto/i/88162>

info:cnr-pdr/source/autori:Ingrosso C. ; Panniello A.; Placido T.; Liuzzi F.; Agostiano A.; Comparelli R.; Curri M.L.; Striccoli, M/congresso_nome:Workshop on nanomaterials production, characterization and industrial applications/congresso_luogo:Milano/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

13)-Photocatalytic activity of nanocrystalline metal/semiconductor based catalysts under UV irradiation

Comparelli, R.; Petronella, F.; Corricelli, M.; Fanizza, E.; M.Striccoli; Mascolo, G.; Agostiano, A.; Curri, M. L.

WORKSHOP ON NANOMATERIALSPRODUCTION, CHARACTERIZATION ANDINDUSTRIAL APPLICATIONS, Milano, 2008

<http://www.cnr.it/prodotto/i/88163>

info:cnr-pdr/source/autori:Comparelli, R.; Petronella, F.; Corricelli, M.; Fanizza, E.; M.Striccoli; Mascolo, G.; Agostiano, A.; Curri, M. L./congresso_nome:WORKSHOP ON NANOMATERIALSPRODUCTION, CHARACTERIZATION ANDINDUSTRIAL APPLICATIONS/congresso_luogo:Milano/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

14)-Luminescent Colloidal Nanocrystals:Novel Perspective for Optical Investigation of Biological Systems

Depalo, N.; Mallardi, A.; Carrieri, P.; Comparelli, R. C. R.; Agostiano, A.; M.Striccoli; Curri, M. L.

Workshop on nanomaterials production, characterization and industrial applications, Milano, 2008

<http://www.cnr.it/prodotto/i/88164>

info:cnr-pdr/source/autori:Depalo, N.; Mallardi, A.; Carrieri, P.; Comparelli, R. C. R.; Agostiano, A.; M.Striccoli; Curri, M. L./congresso_nome:Workshop on nanomaterials production, characterization and industrial applications/congresso_luogo:Milano/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

15)-Calorimetric studies of nanoconfined water

Ferrari C.; Salvetti G.; Tombari E.

XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-12/12/2008, Pisa, 2008

<http://www.cnr.it/prodotto/i/88165>

info:cnr-pdr/source/autori:Ferrari C., Salvetti G., Tombari E./congresso_nome:XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-12/12/2008/congresso_luogo:Pisa/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

16)-Heat capacity relaxation in pharmaceutical molecular glasses and its utility in understanding their stability against crystallization

Ferrari C.; Tombari E.

XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-12/12/2008, Pisa, 2008

<http://www.cnr.it/prodotto/i/88166>

info:cnr-pdr/source/autori:Ferrari C., Tombari E./congresso_nome:XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-12/12/2008/congresso_luogo:Pisa/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

17)-Thermodynamics of complex formation in mixed solvents. K and DH for the formation reaction of [Gly18Cr6] at 298.15K.

Matteoli E.; Lepori L.; Usacheva T.R.; Sharnin V.A.

XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-12/12/2008, Pisa, 2008

<http://www.cnr.it/prodotto/i/88168>

info:cnr-pdr/source/autori:Matteoli E., Lepori L., Usacheva T.R., Sharnin V.A./congresso_nome:XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-12/12/2008/congresso_luogo:Pisa/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

18)-Thermodynamic study of heptane + amine mixtures. part I. Excess and solvation enthalpies.

Matteoli E.; Lepori L.; Spanedda A.

XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-12/12/2008, Pisa, 2008

<http://www.cnr.it/prodotto/i/88169>

info:cnr-pdr/source/autori:Matteoli E., Lepori L., Spanedda A./congresso_nome:XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-12/12/2008/congresso_luogo:Pisa/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

19)-Thermodynamics of complex formation (K and DH) for the reaction of [Gly18Cr6] complex in mixed solvents at 298.15K.

Matteoli E.; Lepori L.; Usacheva T.R.; Sharnin V.A.

Calcon 2008, The 63rd Calorimetry Conference, Calcon, USA, 2008

<http://www.cnr.it/prodotto/i/88170>

info:cnr-pdr/source/autori:Matteoli E., Lepori L., Usacheva T.R., Sharnin V.A./congresso_nome:Calcon 2008, The 63rd Calorimetry Conference/congresso_luogo:Calcon, USA/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

20)-Thermodynamic study of heptane + amine mixtures: excess and solvation enthalpies.

Matteoli E.; Lepori L.; Spanedda A.

Calcon 2008, The 63rd Calorimetry Conference, 2-6 July 2008, Calcon, USA, 2008

<http://www.cnr.it/prodotto/i/88171>

info:cnr-pdr/source/autori:Matteoli E., Lepori L., Spanedda A./congresso_nome:Calcon 2008, The 63rd Calorimetry Conference, 2-6 July 2008/congresso_luogo:Calcon, USA/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

21)-X-ray photoelectron spectroscopy investigation of room temperature ionic liquids

Aliotta F.; Fazio E.; Neri F.; Ponterio R. C.; Trusso S.

7th Liquid Matter Conference, Lund, 2008

<http://www.cnr.it/prodotto/i/88172>

info:cnr-pdr/source/autori:Aliotta F., Fazio E., Neri F., Ponterio R. C., Trusso S./congresso_nome:7th Liquid Matter Conference/congresso_luogo:Lund/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

22)-Brillouin scattering investigation of a liquid crystal/CCl4 mixture

Aliotta F.; Giorgini M.G.; Ponterio R.C.; Saija F.

EMLG/JMLG 2008 Annual Meeting, Lisbona, 2008

<http://www.cnr.it/prodotto/i/88173>

info:cnr-pdr/source/autori:Aliotta F., Giorgini M.G., Ponterio R.C., Saija F./congresso_nome:EMLG/JMLG 2008 Annual Meeting/congresso_luogo:Lisbona/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

23)-Information Technology as a Tool for the Fruition of Cultural Heritage

Aliotta F.; Ponterio R.C.; Trusso S.; Vasi C.

ISA 2008, Siena, 2008

<http://www.cnr.it/prodotto/i/88174>

info:cnr-pdr/source/autori:Aliotta F.,Ponterio R.C.,Trusso S., Vasi C./congresso_nome:ISA 2008/congresso_luogo:Siena/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

24)-Neutron Diffraction on Archaeological Samples : a non-invasive analysis

Aliotta F.; Bartoli L.; La Torre G.; Ponterio R.; Toscano Raffa A.; Trusso S.; Vasi C.

ISA 2008, Siena, 2008

<http://www.cnr.it/prodotto/i/88175>

info:cnr-pdr/source/autori:Aliotta F. , Bartoli L., La Torre G., Ponterio R., Toscano Raffa A., Trusso S., Vasi C./congresso_nome:ISA 2008/congresso_luogo:Siena/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

25)-Current results on the development of a carbon nanotube radiation detector

Ambrosio M.; Ambrosio A.; Ambrosone G.; Campajola L.; Cantele G.; Coscia U.; Iadonisi G.; Ninno D.; Maddalena P.; Perillo E.; Raulo A.; Russo P.; Trani F.; Esposito E.; Buonocore F.; Di Matteo A.; Santucci S.; Passacantando M.; Allegrini M.; Gucciardi P.G.; Patanè S.; Bobba F.; Di Bartolomeo A.; Giubileo F.; Iemmo L.; Scarfato A.; Cucolo A. M.SUBJECTnanotubiSUBJECTdetectors

Astroparticle Particle Space Physics Radiation Interaction Detectors and Medical Physics Applications, edited by Barone, M; Gaddi, A; Leroy, C; Price, L; Rancoita, PG; Ruchti, R, pp. 8–17. Singapore: World Scientific, 2008

https://dx.doi.org/10.1142/9789812819093_0002

info:cnr-pdr/source/autori:Ambrosio M., Ambrosio A., Ambrosone G., Campajola L., Cantele G., Coscia U., Iadonisi G., Ninno D., Maddalena P., Perillo E., Raulo A., Russo P., Trani F., Esposito E., Buonocore F., Di Matteo A., Santucci S., Passacantando M., Allegrini M., Gucciardi P.G., Patanè S., Bobba F., Di Bartolomeo A., Giubileo F., Iemmo L., Scarfato A., Cucolo A. M./titolo:Current results on the development of a carbon nanotube radiation detector/titolo_volume:Astroparticle Particle Space Physics Radiation Interaction Detectors and Medical Physics Applications/curatori_volume:Barone, M; Gaddi, A; Leroy, C; Price, L; Rancoita, PG; Ruchti, R/editore:

/anno:2008

26)-PLA/PBS blends as smart biodegradable materials for packaging applications

Signori F; A. Pucci; M.B. Coltelli; S. Bronco; G. Ruggeri; F. Ciardelli
Renewable, Degradable and Biomedical Polymers, Stockholm (Sweden), 2008
<http://www.cnr.it/prodotto/i/88185>

info:cnr-pdr/source/autori:Signori F, A. Pucci, M.B. Coltelli, S. Bronco, G. Ruggeri, F. Ciardelli/congresso_nome:Renewable, Degradable and Biomedical Polymers/congresso_luogo:Stockholm (Sweden)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

27)-Stem cells transplantation supports the repair of injured olfactory neuroepithelium after permanent damage.

Revoltella Roberto P
2008

<http://www.cnr.it/prodotto/i/88188>

info:cnr-pdr/source/autori:Revoltella Roberto P/congresso_nome:/congresso_luogo:/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

28)-Contribution of cord blood CD133+ stem cells to the inner ear sensorineural hair cells regeneration after permanent damage

Revoltella Roberto P
Roma, 2008

<http://www.cnr.it/prodotto/i/88189>

info:cnr-pdr/source/autori:Revoltella Roberto P/congresso_nome:/congresso_luogo:Roma/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

29)-Cochlear repair by transplantation of human cord blood CD133+ cells to nod-scid mice made deaf with kanamycin and noise.

Revoltella Roberto P
Ferrara, 2008

<http://www.cnr.it/prodotto/i/88190>

info:cnr-pdr/source/autori:Revoltella Roberto P/congresso_nome:/congresso_luogo:Ferrara/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

30)-Contribution of cord blood CD133+ stem cells to sensorineural cells regeneration after permanent damage.

Revoltella Roberto P
Genova, 2008

<http://www.cnr.it/prodotto/i/88191>

info:cnr-pdr/source/autori:Revoltella Roberto
P/congresso_nome:/congresso_luogo:Genova/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

31)-Nanocrystalline semiconductor/metal phthalocyanine hybrid-junctions: applications in photoelectrochemical and sensor devices

Ingrosso C; Petrella A; Fini P; Curri ML; Cosma C; Giancane G; Valli L; Agostiano A
II Conferenza Nazionale del Programma "NIC- Nanotecnologie nell'Industria Chimica, Milano, 2008

<http://www.cnr.it/prodotto/i/88221>

info:cnr-pdr/source/autori:Ingrosso C, Petrella A, Fini P, Curri ML, Cosma C, Giancane G, Valli L, Agostiano A/congresso_nome:II Conferenza Nazionale del Programma "NIC- Nanotecnologie nell'Industria Chimica/congresso_luogo:Milano/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

32)-Calorimetry for edible oil authentication

R. Ambrosetti; M. Angiuli; G. C. Bussolino; C. Ferrari; L. Lepori; E. Matteoli; D. Ricci; M. C. Righetti; G. Salvetti; E. Tombari.

XIII Convegno AIPT (Associazione Italiana Proprietà termofisiche), pp. 25–36, Trento, 2007

<urn:isbn:978-88-87380-62-0>

info:cnr-pdr/source/autori:R. Ambrosetti, M. Angiuli, G. C. Bussolino, C. Ferrari, L. Lepori, E. Matteoli, D. Ricci, M. C. Righetti, G. Salvetti, E. Tombari./congresso_nome:XIII Convegno AIPT (Associazione Italiana Proprietà termofisiche)/congresso_luogo:Trento/congresso_data:2007/anno:2008/pagina_da:25/pagina_a:36/intervallo_pagine:25–36

33)-POLYETHYLENE FUNCTIONALIZATION WITH NITROXYL FREE RADICAL

Batistini A.(1); S. Hofmann(1); F. Ciardelli(2)(3); F. Cicogna(2)(3); S. Coiai(3)(4); L. Ricci(2)(3); I. Tucci(3); C. Pinzino(6); E. Passaglia(5)

XVII Congresso Nazionale di Chimica Industriale, Genova, 2008

<http://www.cnr.it/prodotto/i/116917>

info:cnr-pdr/source/autori:Batistini A.(1), S. Hofmann(1), F. Ciardelli(2)(3), F. Cicogna(2)(3), S. Coiai(3)(4), L. Ricci(2)(3), I. Tucci(3), C. Pinzino(6), E. Passaglia(5)/congresso_nome:XVII Congresso Nazionale di Chimica Industriale/congresso_luogo:Genova/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

34)-PHOTOPHYSICAL AND REDOX PROPERTIES OF NEW MONO- AND BI-METALLIC ANTHRACENE-FUNCTIONALISED CYCLOPENTADIENYL DERIVATIVES OF RHODIUM AND IRIIDIUM

Cicogna F.; (1)(2) G. Ingrosso; (1) Q. Lunardi; (1) F. Marchetti (1) C. Pinzino (3)

XVII Congresso Nazionale di Chimica Industriale, Genova, 2008

<http://www.cnr.it/prodotto/i/116918>

info:cnr-pdr/source/autori:Cicogna F., (1)(2) G. Ingrosso, (1) Q. Lunardi, (1) F. Marchetti (1) C. Pinzino (3)/congresso_nome:XVII Congresso Nazionale di Chimica Industriale/congresso_luogo:Genova/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

35)-Electromagnetically Induced Transparency on the second resonance line of potassium

Gozzini S.(1); Cartaleva S.(2); Karaulanov T.(2); Lucchesini A.(1); Auzinsh M.(3); Atvars A.(3)SUBJECTelectromagnetically induced

transparencySUBJECTpotassiumSUBJECTspectroscopySUBJECTlaser diode

15th International School on Quantum Electronics: "Laser Physics and Applications", Bourgas, Bulgaria, 2008

<http://www.cnr.it/prodotto/i/116921>

info:cnr-pdr/source/autori:Gozzini S.(1), Cartaleva S.(2), Karaulanov T.(2), Lucchesini A.(1), Auzinsh M.(3), Atvars A.(3)/congresso_nome:15th International School on Quantum Electronics: "Laser Physics and Applications"/congresso_luogo:Bourgas, Bulgaria/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

36)-Electron and ion kinetics in electrostatic tripolar regions

Nocera L.SUBJECTPlasmaSUBJECTTripolar regionsSUBJECTDouble layersSUBJECTsolitons

European Geophysical Union 2008 Assembly, Vienna, 13-18/042008

<http://www.cnr.it/prodotto/i/116940>

info:cnr-pdr/source/autori:Nocera L./congresso_nome:European Geophysical Union 2008 Assembly/congresso_luogo:Vienna/congresso_data:13-18/042008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

37)-Pressure-broadening of water lines in the THz frequency region: improvements and confirmations for spectroscopic databases

G. Cazzoli; C. Puzzarini; G. Buffa

10th International HITRAN Conference, Cambridge MA USA, 2008

<http://www.cnr.it/prodotto/i/116941>

info:cnr-pdr/source/autori:G. Cazzoli, C. Puzzarini and G. Buffa/congresso_nome:10th International HITRAN Conference/congresso_luogo:Cambridge MA USA/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

38)-Experimental and Theoretical Study of Helium Argon Broadening and Shift of HCO+ Rotational Lines

Buffa G.; Dore L.; Tinti F.; Meuwly M.

Latsis-Symposium "Intramolecular Dynamics, Symmetry and Spectroscopy, ETH Zurich, 2008

<http://www.cnr.it/prodotto/i/116942>

info:cnr-pdr/source/autori:Buffa G., Dore L., Tinti F., Meuwly M./congresso_nome:Latsis-Symposium "Intramolecular Dynamics, Symmetry and Spectroscopy/congresso_luogo:ETH Zurich/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

39)-PROPRIETA' NUTRACEUTICHE DEL BASILICO COLTIVATO IN IDROPONICA

Sgherri C.; Navari F.; Pinzino C.; Izzo R.

XXVI CONVEGNO NAZIONALE SICA, Palermo, 2008

<http://www.cnr.it/prodotto/i/116943>

info:cnr-pdr/source/autori:Sgherri C., Navari F., Pinzino C., Izzo R./congresso_nome:XXVI CONVEGNO NAZIONALE SICA/congresso_luogo:Palermo/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

40)-Qualità nutraceutiche di piante coltivate a terra od in idroponica: EPR come metodo di indagine del potere antiradicalico

Sgherri Cristina*; Pinzino Calogero§; Navari-Izzo Flavia*; Izzo Riccardo*

VI CONVEGNO AISSA, Imola, 2008

<http://www.cnr.it/prodotto/i/116944>

info:cnr-pdr/source/autori:Sgherri Cristina*, Pinzino Calogero§, Navari-Izzo Flavia*, Izzo Riccardo*/congresso_nome:VI CONVEGNO AISSA/congresso_luogo:Imola/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

41)-Polypropylene radical functionalization with furan and thiophene derivatives

S. Coiai(1; 2); E. Passaglia(3); S. Augier(2); C. Pinzino(4); F. Ciardelli(2)

MoDeSt 2008 conference, Liège, 2008

<http://www.cnr.it/prodotto/i/116945>

info:cnr-pdr/source/autori:S. Coiai(1,2), E. Passaglia(3), S. Augier(2), C. Pinzino(4), F. Ciardelli(2)/congresso_nome:MoDeSt 2008 conference/congresso_luogo:Liège/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

42)-New analysis of REMPI spectra of ultracold rubidium molecules

Fioretti A.1; Gerdes A.2; Dulieu O.3; Gabbanini C.1SUBJECTUltracold moleculesSUBJECTspectroscopy

Euroquam Inauguration Conference, Barcellona, 2008

<http://www.cnr.it/prodotto/i/116946>

info:cnr-pdr/source/autori:Fioretti A.1, Gerdes A.2, Dulieu O.3 and Gabbanini C.1/congresso_nome:Euroquam Inauguration Conference/congresso_luogo:Barcellona/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

43)-An experiment for creating ultracold polar molecules

Fioretti A.; Gabbanini C.SUBJECTUltracold molecules

XCIV SIF, Genova, 2008

<http://www.cnr.it/prodotto/i/116947>

info:cnr-pdr/source/autori:Fioretti A., Gabbanini C./congresso_nome:XCIV SIF/congresso_luogo:Genova/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

44)-The quest for the identification of the catalyst that favored the diastereoselective annulation reaction

Alagona G.; Ghio C.SUBJECTB3LYP/6-31G*SUBJECTHydroformylationSUBJECTSelectivitySUBJECTLanL2DZSUBJECTDomino reaction

37° Congresso Naz. di Chimica Fisica, Feb. 24-29, Camogli (GE), 2008

<http://www.cnr.it/prodotto/i/116948>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:37° Congresso Naz. di Chimica Fisica, Feb. 24-29/congresso_luogo:Camogli (GE)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

45)-Orientational order of fluorinated and borinated liquid crystals by ¹³C, ¹¹B and ¹⁹F NMR techniques

Calucci L.; Geppi M.; Borsacchi S.; Marini A.; Mollica G.; Urban S.; Czub J.

XXXVIII National Congress on Magnetic Resonance, Bressanone, 2008

<http://www.cnr.it/prodotto/i/116949>

info:cnr-pdr/source/autori:Calucci L., Geppi M., Borsacchi S., Marini A., Mollica G., Urban S., Czub J./congresso_nome:XXXVIII National Congress on Magnetic Resonance/congresso_luogo:Bressanone/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

46)-Plicatin B Conformational Landscape and Copper (I) and (II) Chelation Ability. A Comparative DFT Study

Alagona G.; Ghio C.SUBJECTB3LYP/6-31G*SUBJECTMetal ion affinitySUBJECTCopper cationsSUBJECTChelation ability

Pushing the Boundaries of Biomolecular Simulations, June 8-13, Ascona, Switzerland, 2008

<http://www.cnr.it/prodotto/i/116950>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:Pushing the Boundaries of Biomolecular Simulations, June 8-13/congresso_luogo:Ascona, Switzerland/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

47)-Potere antiossidante della plicatina B e sua capacità di chelare il rame (II)

Alagona G.; Ghio C.SUBJECTB3LYP/6-31G*SUBJECTPCM solvationSUBJECTMetal Ion AffinitySUBJECTChelation ability

34° Congresso Interanzionale Chimici Teorici Espressione Latina, Luglio 3-8, Cetraro (CS), 2008

<http://www.cnr.it/prodotto/i/116951>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:34° Congresso Interanzionale Chimici Teorici Espressione Latina, Luglio 3-8/congresso_luogo:Cetraro (CS)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

48)-Confronto tra meccanismi sequenziali e concertati nella reazione di Wittig in vacuo e in THF

Alagona G.; Ghio C.SUBJECTB3P86/6-31G*SUBJECTIEF-PCMSUBJECTWittig reaction

34° Congresso Internazionale Chimici Teorici Espressione Latina, Luglio 3-8, Cetraro (CS), 2008

<http://www.cnr.it/prodotto/i/116952>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:34° Congresso Internazionale Chimici Teorici Espressione Latina, Luglio 3-8/congresso_luogo:Cetraro (CS)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

49)-Rhodium-catalyzed Hydroformylation of 3-(Pyrrol-1-yl)Alk-1-enes: Two Examples of High 1,2- and 1,3-Substrate-Induced Diastereoselectivity

Settambolo R.; Alagona G.; Ghio C.; Lazzaroni R.

7th Spanish-Italian Symposium on Organic Chemistry, Sept. 7-10, Oviedo (Spain), 2008

<http://www.cnr.it/prodotto/i/116953>

info:cnr-pdr/source/autori:Settambolo R., Alagona G., Ghio C., Lazzaroni R./congresso_nome:7th Spanish-Italian Symposium on Organic Chemistry, Sept. 7-10/congresso_luogo:Oviedo

(Spain)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

50)-Evidence for beta-Elimination Explains the Regioselectivity in the Rh-catalyzed Hydroformylation of Vinylidene Substrates

Alagona G.; Ghio C.; Lazzaroni R.

WATOC 2008, Sept. 14-19, Sydney (Australia), 2008

<http://www.cnr.it/prodotto/i/116954>

info:cnr-pdr/source/autori:Alagona G., Ghio C., Lazzaroni R./congresso_nome:WATOC 2008, Sept. 14-19/congresso_luogo:Sydney (Australia)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

51)-Secondary and Tertiary Rh-alkyl Intermediate Competition in the Hydroformylation of 1-methylcyclohexenes and Related Linear Olefins

Alagona G.; Ghio C.

WATOC 2008, Sept. 14-19, Sydney (Australia), 2008

<http://www.cnr.it/prodotto/i/116955>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:WATOC 2008, Sept. 14-19/congresso_luogo:Sydney (Australia)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

52)-Amphiphilic Cyclodextrins as Capping Agents for Gold Nanoparticles: A Spectroscopic Investigation with Perspectives in Biomedical Applications

Mazzaglia A.; Trapani M. C.; Monsù Scolaro L.; Villari V.; Micali N.; Mezzi A.; Kaciulis S.; Ingo G. M.; Sciortino M. T.

XIV International Cyclodextrin Symposium, Kyoto, Japan, 8-11 May 2008

<http://www.cnr.it/prodotto/i/116956>

info:cnr-pdr/source/autori:Mazzaglia A., Trapani M. C., Monsù Scolaro L., Villari V., Micali N., Mezzi A., Kaciulis S., Ingo G. M., Sciortino M. T./congresso_nome:XIV International Cyclodextrin Symposium/congresso_luogo:Kyoto, Japan/congresso_data:8-11 May 2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

53)-Nanoaggregates of amphiphilic cyclodextrin with genistein: A Spectroscopy Characterisation by UV-Vis, Dynamic Light Scattering and FTIR-ATR

Mazzaglia A.; Cannavà C.; Crupi V.; Ficarra P.; Guardo M.; Majolino D.; Micali N.; Stancanelli R.; Venuti V.; Villari V.

XIV International Cyclodextrin Symposium, Kyoto, 2008

<http://www.cnr.it/prodotto/i/116957>

info:cnr-pdr/source/autori:Mazzaglia A., Cannavà C., Crupi V., Ficarra P., Guardo M., Majolino D., Micali N., Stancanelli R., Venuti V., Villari V./congresso_nome:XIV International Cyclodextrin

Symposium/congresso_luogo:Kyoto/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

54)-Influence of gas-mixture composition on yield, purity and morphology of carbon nanotubes grown by catalytic isobutane-decomposition

Donato M.G.; Faggio G.; Galvagno S.; Lanza M.; Marinelli M.; Messina G.; Milone C.; Piperopoulos E.; Pistone A.; Santangelo S.

2nd International Conference on New Diamond and Nano Carbons (NDNC2008), Taipei (Taiwan), 2008

<http://www.cnr.it/prodotto/i/116961>

info:cnr-pdr/source/autori:Donato M.G., Faggio G., Galvagno S., Lanza M., Marinelli M., Messina G., Milone C., Piperopoulos E., Pistone A., Santangelo S./congresso_nome:2nd International Conference on New Diamond and Nano Carbons (NDNC2008)/congresso_luogo:Taipei (Taiwan)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

55)-Raman and time-resolved PL characterization of detector-grade homoepitaxial CVD diamond

Donato M.G.; Faggio G.; Messina G.; Santangelo S.; Tripodi P.; Almaviva S.; Marinelli M.; Prestopino G.; Verona C.; Verona Rinati G.

19th European Conference on Diamond, Diamond-like Materials, Carbon Nanotube, and Nitrides (DRM2008), Sitges, Spain, 2008

<http://www.cnr.it/prodotto/i/116962>

info:cnr-pdr/source/autori:Donato M.G., Faggio G., Messina G., Santangelo S., Tripodi P., Almaviva S., Marinelli M., Prestopino G., Verona C., Verona Rinati G./congresso_nome:19th European Conference on Diamond, Diamond-like Materials, Carbon Nanotube, and Nitrides (DRM2008)/congresso_luogo:Sitges, Spain/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

56)-On the MWCNT production by C₄H₁₀ decomposition over Fe/Al₂O₃ catalysts

Santangelo S.; Messina G.; Faggio G.; Donato M.G.; Lanza M.; Milone C.; Piperopoulos E.; Pistone A.; Galvagno S.

19th European Conference on Diamond, Diamond-like Materials, Carbon Nanotube, and Nitrides (DRM2008), Sitges, Spain, 2008

<http://www.cnr.it/prodotto/i/116963>

info:cnr-pdr/source/autori:Santangelo S., Messina G., Faggio G., Donato M.G., Lanza M., Milone C., Piperopoulos E., Pistone A., Galvagno S./congresso_nome:19th European Conference on Diamond, Diamond-like Materials, Carbon Nanotube, and Nitrides (DRM2008)/congresso_luogo:Sitges, Spain/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

57)-Studio cinetico delle proprietà del sito di legame QB del centro di reazione fotosintetico di Rhodobacter sphaeroides

Milano F.; Ciriaco F.; Agostiano A.; Mavelli F.; Trotta M.

XIX Congresso Annuale Società Italiana di FotoBiologia, Firenze, 2008

<http://www.cnr.it/prodotto/i/116964>

info:cnr-pdr/source/autori:Milano F. , Ciriaco F., Agostiano A., Mavelli F., Trotta M./congresso_nome:XIX Congresso Annuale Società Italiana di FotoBiologia/congresso_luogo:Firenze/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

58)-Photophysical properties of quinones and their interaction with the photosynthetic Reaction Centre

Barbafina A.; F. Elisei; L. Latterini; F. Milano; M. Trotta; A. Agostiano

XIX Congresso Annuale Società Italiana di FotoBiologia, Firenze, 2008

<http://www.cnr.it/prodotto/i/116965>

info:cnr-pdr/source/autori:Barbafina A., F. Elisei, L. Latterini, F. Milano, M. Trotta, A. Agostiano/congresso_nome:XIX Congresso Annuale Società Italiana di FotoBiologia/congresso_luogo:Firenze/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

59)-Response of Rhodobacter sphaeroides R26.1 to chromate exposure

Italiano; F.; Colella; R.; Nitti; P.; Timperio; A.; Zolla; L.; Agostiano; A.; Ceci; L. R.; De Leo; F.; Gallerani; R.; Giotta; L.; Milano; F.; Pisani; F.; Trotta

3rd Annual National Conference of the Italian Proteomic Association, Selva di Fasano (Br), 2008

<http://www.cnr.it/prodotto/i/116966>

info:cnr-pdr/source/autori:Italiano, F., Colella, R., Nitti, P., Timperio, A., Zolla, L., Agostiano, A., Ceci, L. R., De Leo, F., Gallerani, R., Giotta, L., Milano, F., Pisani, F., Trotta/congresso_nome:3rd Annual National Conference of the Italian Proteomic Association/congresso_luogo:Selva di Fasano (Br)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

60)-Identification of membrane complexes of the phototrophic eubacterium Rhodobacter sphaeroides strain R26.1 by bluenative electrophoresis and mass-spectrometry

Pisani; F.; Italiano; F.; D'Amici; G. M.; De Leo; F.; Murgiano; L.; Tria; V.; Trotta; M.; Zolla; L.; Gallerani; R.; Ceci; L.R.SUBJECTheavy metalsSUBJECTRhodobacter sphaeroides

3rd Annual National Conference of the Italian Proteomic Association, Selva di Fasano (Br), Italy, 11-14/06/2008

<http://www.cnr.it/prodotto/i/116967>

info:cnr-pdr/source/autori:Pisani, F., Italiano, F., D'Amici, G. M., De Leo, F., Murgiano, L., Tria, V., Trotta, M., Zolla, L., Gallerani, R., Ceci, L.R./congresso_nome:3rd Annual National Conference of the Italian Proteomic Association/congresso_luogo:Selva di Fasano (Br), Italy/congresso_data:11-14/06/2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

61)-Preliminary studies on Rhodobacter sphaeroides R26.1 response to chromate exposure

F. Italiano; F. De Leo; M. Trotta; L. R. Ceci; A. Timperio; L. Zolla; F. Pisani; R. Gallerani

10th Biotechnology National Congress CNB10, Perugia, 17-19 Settembre

<http://www.cnr.it/prodotto/i/116968>

info:cnr-pdr/source/autori:F. Italiano, F. De Leo, M. Trotta, L. R. Ceci, A. Timperio, L. Zolla, F. Pisani and R. Gallerani/congresso_nome:10th Biotechnology National Congress CNB10/congresso_luogo:Perugia/congresso_data:17-19 Settembre/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

62)-Heavy metal binding properties of bacterial biofilms studied by ATR-FTIR difference spectroscopy

Giotta; L.; Mastrogiacomo D.; Valli; L.; Italiano; F.; Milano; F.; Trotta; M.

14th International Biodeterioration and Biodegradation Symposium (IBBS-14), Sant'Alessio Siculo - Messina, 6-11 October

<http://www.cnr.it/prodotto/i/116969>

info:cnr-pdr/source/autori:Giotta, L., Mastrogiacomo D., Valli, L., Italiano, F., Milano, F., Trotta, M./congresso_nome:14th International Biodeterioration and Biodegradation Symposium (IBBS-14)/congresso_luogo:Sant'Alessio Siculo - Messina/congresso_data:6-11 October/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

63)-Anoxygenic photosynthetic bacteria as a tool for heavy metal removal: the case of Rhodobacter sphaeroides

Italiano F.; A. Agostiano; L. R. Ceci; R. Colella; F. De Leo; R. Gallerani; L. Giotta; F. Milano; V. Tria; M. Trotta

14th International Bioedeterioration and Biodegradation Symposium (IBBS-14), Sant'Alessio Siculo - Messina, 6-11 October

<http://www.cnr.it/prodotto/i/116970>

info:cnr-pdr/source/autori:Italiano F., A. Agostiano, L. R. Ceci, R. Colella, F. De Leo, R. Gallerani, L. Giotta, F. Milano, V. Tria, and M. Trotta/congresso_nome:14th International Bioedeterioration and Biodegradation Symposium (IBBS-14)/congresso_luogo:Sant'Alessio Siculo - Messina/congresso_data:6-11 October/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

64)-Response Of The Carotenoidless Mutant Rhodobacter Sphaeroides Growing Cells To Cobalt And Nickel Exposure.

M. Trotta; F. Italiano; L. Ceci; A. Agostiano; F. Milano; L. GiottaSUBJECTheavy metalsSUBJECTRhodobacter sphaeroides

8th Workshop on Pharmaco Biometallics, Ravenna (Ri), Italy, 24-26/10/2008

<http://www.cnr.it/prodotto/i/116971>

info:cnr-pdr/source/autori:M. Trotta, F. Italiano, L. Ceci, A. Agostiano, F. Milano, L. Giotta/congresso_nome:8th Workshop on Pharmaco Biometallics/congresso_luogo:Ravenna (Ri), Italy/congresso_data:24-26/10/2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

65)-Chromate Reductase Activity In Photosynthetic Anoxygenic Bacteria

Trotta M.; F. Italiano; L. Ceci; A. Agostiano; F. Milano; L. GiottaSUBJECTheavy metalsSUBJECTchromateSUBJECTRhodobacter sphaeroides

8th Workshop on Pharmaco Biometallics, Ravenna (Ri), Italy, 24-26/10/2008

<http://www.cnr.it/prodotto/i/116972>

info:cnr-pdr/source/autori:Trotta M., F. Italiano, L. Ceci, A. Agostiano, F. Milano, L. Giotta/congresso_nome:8th Workshop on Pharmaco Biometallics/congresso_luogo:Ravenna (Ri), Italy/congresso_data:24-26/10/2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

66)-Bioremediation mediante microorganismi fotosintetici anossigenici. Il Rhodobacter sphaeroides.

Trotta M.SUBJECTheavy metalsSUBJECTRhodobacter sphaeroides

81° Convegno Società Italiana Di Biologia Sperimentale, Bari, Italy, 27-28/11/2008

<http://www.cnr.it/prodotto/i/116973>

info:cnr-pdr/source/autori:Trotta M./congresso_nome:81° Convegno Società Italiana Di Biologia Sperimentale/congresso_luogo:Bari, Italy/congresso_data:27-28/11/2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

67)-Effect Of The Substrate Type/Composition And Deposition Techniques On The Photocatalytic Activity Of Nanocrystalline Semiconductor Films.

Panniello A.; Comparelli R.; Diso D.; Licciulli A.; Mascolo G.; Franza A. S.; Striccoli M.; Agostiano A.; Curri M. L.

5th European Meeting on Solar chemistry and photocatalysis: environmental applications SPEA5, Palermo, 4-8 October 2008

<http://www.cnr.it/prodotto/i/116974>

info:cnr-pdr/source/autori:Panniello A. ;Comparelli R. ;Diso D. ;Licciulli A. ;Mascolo G. ;Franza A. S. ;Striccoli M. ;Agostiano A. ;Curri M. L./congresso_nome:5th European Meeting on Solar chemistry and photocatalysis: environmental applications SPEA5/congresso_luogo:Palermo/congresso_data:4-8 October 2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

68)-Novel Nanocrystal-based Catalysts for the Photocatalytic Degradation of Organic Pollutants in Water Matrix under UV and Solar Light Irradiation

R. COMPARELLI; M. CORRICELLI; A. PANNIELLO; E. FANIZZA; F. PETRONELLA; M.STRICCOLI; G. MASCOLO; V. LOCAPUTO; A. AGOSTIANO; M.L. CURRI

5th European Meeting on Solar chemistry and photocatalysis: environmental applications SPEA5, Palermo, 4-8 October 2008

<http://www.cnr.it/prodotto/i/116975>

info:cnr-pdr/source/autori:R. COMPARELLI, M. CORRICELLI, A. PANNIELLO, E. FANIZZA, F. PETRONELLA, M.STRICCOLI, G. MASCOLO, V. LOCAPUTO, A. AGOSTIANO, M.L. CURRI/congresso_nome:5th European Meeting on Solar chemistry and photocatalysis: environmental applications SPEA5/congresso_luogo:Palermo/congresso_data:4-8 October 2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

69)-Novel nanocrystal-based catalysts for uv and solar light induced organic pollutant photodegradatrion

Comparelli R.; Corricelli M.; Panniello A.; Fanizza E.; Striccoli M.; Mascolo G.; Agostiano A.; Curri M. L.

2nd Euchems Congress, Torino, 2008

<http://www.cnr.it/prodotto/i/116976>

info:cnr-pdr/source/autori:Comparelli R. ,Corricelli M. ,Panniello A. , Fanizza E. , Striccoli M., Mascolo G. , Agostiano A. , Curri M. L./congresso_nome:2nd Euchems Congress/congresso_luogo:Torino/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

70)-Assembly of functionalized luminescent nanocrystals onto plasma modified material surfaces

Liuzzi F. D.; Sardella E.; Comparelli R.; Depalo N.; Agostiano A.; Curri M.L.; Striccoli M.; Favia P.; d'Agostino R.

2nd Euchems Congress, Torino, 2008

<http://www.cnr.it/prodotto/i/116977>

info:cnr-pdr/source/autori:Liuzzi F. D. ,Sardella E. ,Comparelli R. ,Depalo N. ,Agostiano A. ,Curri M.L. , Striccoli M. , Favia P. ,d'Agostino R./congresso_nome:2nd Euchems Congress/congresso_luogo:Torino/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

71)-Silver ion photochemical synthesis of anisotropic gold nanoparticles

Placido T.; Comparelli R.; Cozzoli D.; Giannici F.; Capitani G.; Striccoli M.; Agostiano A.; Curri M. L.

2nd Euchems Congress, Torino, 2008

<http://www.cnr.it/prodotto/i/116978>

info:cnr-pdr/source/autori:Placido T. ,Comparelli R. ,Cozzoli D. ,Giannici F. ,Capitani G., Striccoli M. , Agostiano A. ,Curri M. L./congresso_nome:2nd Euehems Congress/congresso_luogo:Torino/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

72)-Covalent surface functionalization of micro mechanical cantilever by organic capped TiO₂ and ³-Fe₂O₃ nanocrystals

Ingrosso C.; Striccoli M.; Agostiano A.; Sardella E.; Voigt A.; Gruetzner G.; Keller St.; Blagoi G.; Boisen A.; Curri M. Lucia

34th International Conference on Micro & Nano Engineering, Atene, 2008

<http://www.cnr.it/prodotto/i/116979>

info:cnr-pdr/source/autori:Ingrosso C. ,Striccoli M., Agostiano A.,Sardella E. ,Voigt A., Gruetzner G., Keller St., Blagoi G., Boisen A., Curri M. Lucia/congresso_nome:34th International Conference on Micro & Nano Engineering/congresso_luogo:Atene/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

73)-Ink-jet printing of highly luminescent nanocrystal/polymer nanocomposites for microstructure fabrication: Effect of the ink parameters

Ingrosso C.; Kim J.Y.; Fakhfour V.; Striccoli M.; Binetti E.; Agostiano A.; Curri M.L.; Brugger J.

34th International Conference on Micro & Nano Engineering, Atene, 2008

<http://www.cnr.it/prodotto/i/116980>

info:cnr-pdr/source/autori:Ingrosso C., Kim J.Y., Fakhfour V., Striccoli M., Binetti E. , Agostiano A., Curri M.L. ,Brugger J./congresso_nome:34th International Conference on Micro & Nano Engineering/congresso_luogo:Atene/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

74)-Dramatic light extraction enhancement by plasmon and exciton coupling in nanoimprinted photonic crystal polymer films

Reboud V.; Kehagias N.; Striccoli M.; Placido T.; Panniello A.; Curri M. L.; Zelsmann M.; Alducin J. A.; Mecerreyes D.; Iacopino D.; Doyle H.; Redmond G.; Sotomayor Torres C. M.

34th International Conference on Micro & Nano Engineering, Atene, 2008

<http://www.cnr.it/prodotto/i/116981>

info:cnr-pdr/source/autori:Reboud V.,Kehagias N.,Striccoli M.,Placido T.,Panniello A.,Curri M. L.,Zelsmann M.,Alducin J. A.,Mecerreyes D. ,Iacopino D. ,Doyle H.,Redmond G. ,Sotomayor Torres C. M./congresso_nome:34th International Conference on Micro & Nano Engineering/congresso_luogo:Atene/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

75)-Drop-on-demand Ink-jet printing of functional materials: Case studies of SU-8 and NCs-embedded Polymer nanocomposites

Kim J. Y.; Fakhfour V.; Ingrosso C.; Striccoli M.; Curri M. L.; Brugger J.

Digital Fabrication Conference, Pittsburgh, PA, 2008

<http://www.cnr.it/prodotto/i/116982>

info:cnr-pdr/source/autori:Kim J. Y. ,Fakhfour V. ,Ingrosso C.,Striccoli M. ,Curri M. L. ,Brugger J./congresso_nome:Digital Fabrication Conference/congresso_luogo:Pittsburgh, PA/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

76)-Fabrication of Fluorescent discrete 2-3D nanostructures based on Polystyrene Beads Decorated with Luminescent Nanocrystals

Fanizza E.; Agostiano A.; Micali N.; Malaquin L.; Kraus T.; Wolf H.; Striccoli M.; Curri M. L.

2nd International Conference on Nanostructures Self Assembly NanoSea, Roma, 2008

<http://www.cnr.it/prodotto/i/116983>

info:cnr-pdr/source/autori:Fanizza E. , Agostiano A., Micali N., Malaquin L. , Kraus T. , Wolf H. , Striccoli M. , Curri M. L./congresso_nome:2nd International Conference on Nanostructures Self Assembly NanoSea/congresso_luogo:Roma/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

77)-Covalent Surface Functionalization of Micro Mechanical Cantilever Sensors by Organic capped TiO₂ and ³-Fe₂O₃ Nanocrystals

Ingrosso C.; Striccoli M.; Agostiano A.; Sardella E.; Voigt A.; Gruetzner G.; Keller S.; Blagoi G.; Boisen A.; Curri M. L.

2nd International Conference on Nanostructures Self Assembly NanoSea, Roma, 2008

<http://www.cnr.it/prodotto/i/116984>

info:cnr-pdr/source/autori:Ingrosso C., Striccoli M., Agostiano A., Sardella E., Voigt A., Gruetzner G., Keller S., Blagoi G.,Boisen A. , Curri M. L./congresso_nome:2nd International Conference on Nanostructures Self Assembly NanoSea/congresso_luogo:Roma/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

78)-Effect of the nanoscale curvature and surface chemistry of TiO₂ nanocrystals on the organic vapour absorption capacity of TiO₂/PMMA composite

Convertino A.; Leo G.; Striccoli M.; Tamborra M.; Sciancalepore C; Curri M. L.

2nd International Conference on Advanced Nano Materials, ANM 2008, Aveiro, 2008

<http://www.cnr.it/prodotto/i/116985>

info:cnr-pdr/source/autori:Convertino A. , Leo G., Striccoli M., Tamborra M., Sciancalepore C, Curri M. L./congresso_nome:2nd International Conference on Advanced Nano Materials, ANM
2008/congresso_luogo:Aveiro/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

79)-Colloidal nanocrystal based nanocomposites as novel functional materials

Ingresso C; Panniello A; Sciancalepore; Placido T; Agostiano A; Curri M L; Striccoli M; Comparelli R; Convertino A; Leo G; Fakhfour V; Kim J Y; Brugger J; Tommasi R; Cassano T; Voigt; Reuther; Gruetzner; Mecerreyes; Alducin; Sotomayor Torres

Colloidal nanocrystal based nanocomposites as novel functional materials, lecce, 2008

<http://www.cnr.it/prodotto/i/116986>

info:cnr-pdr/source/autori:Ingresso C; Panniello A; Sciancalepore; Placido T; Agostiano A; Curri M L; Striccoli M; Comparelli R; Convertino A; Leo G; Fakhfour V; Kim J Y; Brugger J; Tommasi R; Cassano T; Voigt; Reuther; Gruetzner; Mecerreyes; Alducin; Sotomayor Torres;/congresso_nome:Colloidal nanocrystal based nanocomposites as novel functional materials/congresso_luogo:lecce/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

80)-Surface functionalization of luminescent semiconductor quantum dots for chemically driven patterned assembly

Corricelli M.; Comparelli R.; Depalo N.; Striccoli M.; Agostiano A.; Bhadraiah Sadhu V.; Huskens J.; Curri M. L.

NANAX3 Nanoscience with Nanocrystals, lecce, 2008

<http://www.cnr.it/prodotto/i/116987>

info:cnr-pdr/source/autori:Corricelli M., Comparelli R., Depalo N., Striccoli M., Agostiano A., Bhadraiah Sadhu V., Huskens J., Curri M. L./congresso_nome:NANAX3 Nanoscience with Nanocrystals/congresso_luogo:lecce/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

81)-Photochemical synthesis of anisotropic gold nanoparticles: insight on factors regulating the growth mechanism

Placido T.; Comparelli R.; Giannici F.; Capitani G.; Striccoli M.; Cozzoli P. D.; Agostiano A.; Curri M. L.

NANAX3 Nanoscience with Nanocrystals, lecce, 2008

<http://www.cnr.it/prodotto/i/116988>

info:cnr-pdr/source/autori:Placido T., Comparelli R., Giannici F., Capitani G., Striccoli M., Cozzoli P. D., Agostiano A., Curri M. L./congresso_nome:NANAX3 Nanoscience with Nanocrystals/congresso_luogo:lecce/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

82)-Enthalpy based determination of cristalline, mobile amorphous and rigid amorphouas fractions in

Righetti M.C.; Tombari E.; Di Lorenzo; M.L.

“10th Lähnwitzseminar on Calorimetry”, 8-13 June 2008, Rostock, Germany., 2008

<http://www.cnr.it/prodotto/i/116990>

info:cnr-pdr/source/autori:Righetti M.C., Tombari E., Di Lorenzo, M.L./congresso_nome:“10th Lähnwitzseminar on Calorimetry”, 8-13 June 2008/congresso_luogo:Rostock, Germany./congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

83)-Some Unusual Studies of Phenomena using Calorimeters designed by Giuseppe Salvetti,

Tombari E.; Ferrari C.; Johari G.P.

“10th Lähnwitzseminar on Calorimetry”, 8-13 June 2008, Rostock, Germany., 2008

<http://www.cnr.it/prodotto/i/116991>

info:cnr-pdr/source/autori:Tombari E., Ferrari C., Johari G.P./congresso_nome:“10th Lähnwitzseminar on Calorimetry”, 8-13 June 2008/congresso_luogo:Rostock, Germany./congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

84)-Thermodynamics of Nanoconfined Water and Ice in Vycor (4 nm) and MCM-41 (2.4 nm),

Tombari E.; Ferrari C.; Salvetti G.; Johari G.P.

“10th Lähnwitzseminar on Calorimetry”, 8-13 June 2008, Rostock, Germany., 2008

<http://www.cnr.it/prodotto/i/116992>

info:cnr-pdr/source/autori:Tombari E., Ferrari C., Salvetti G., Johari G.P./congresso_nome:“10th Lähnwitzseminar on Calorimetry”, 8-13 June 2008/congresso_luogo:Rostock, Germany./congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

85)-A novel microwave method boosts process intensification and control

Antonetti C; Raspolli Galletti AM; Longo I

One day Seminar on “Micro Reactors & Process Intensification”. April 2, Milano, Auditorium della Federchimica, Milano, 2008

<http://www.cnr.it/prodotto/i/116993>

info:cnr-pdr/source/autori:Antonetti C, Raspolli Galletti AM and Longo I/congresso_nome:One day Seminar on “Micro Reactors & Process Intensification”. April 2, Milano, Auditorium della Federchimica/congresso_luogo:Milano/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

86)-In situ microwave heating of liquids using an immersed insulated coaxial applicator.

Biffi Gentili G.; Linari M.; Annino G.; Longo I.

Le microonde: nuove tecnologie per le attività produttive". MISA, 21-23 Maggio 2008, Salerno, Salerno, 2008

<http://www.cnr.it/prodotto/i/116994>

info:cnr-pdr/source/autori:Biffi Gentili G., Linari M., Annino G., Longo I./congresso_nome:Le microonde: nuove tecnologie per le attività produttive". MISA, 21-23 Maggio 2008, Salerno/congresso_luogo:Salerno/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

87)-The microwave chemical reactor: a very effective device for nanocatalysts preparations and organic synthesis reactions

Antonetti C; Bellina F; Raspolli Galletti AM; Longo I

Convegno " Le microonde: nuove tecnologie per le attività produttive". MISA, 21-23 maggio 2008, Salerno, Salerno, 2008

<http://www.cnr.it/prodotto/i/116995>

info:cnr-pdr/source/autori:Antonetti C, Bellina F, Raspolli Galletti AM and Longo I/congresso_nome:Convegno " Le microonde: nuove tecnologie per le attività produttive". MISA, 21-23 maggio 2008, Salerno/congresso_luogo:Salerno/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

88)-Microwave heating of liquids by means of immersed insulated coaxial applicators

Linari M.; Biffi-Gentili G. Longo I.

XVII RiNEM, Riunione Nazionale di Elettromagnetismo, Lecce, Grand Hotel Tiziano e dei Congressi, 15-19 Settembre 2008, Lecce, 2008

<http://www.cnr.it/prodotto/i/116996>

info:cnr-pdr/source/autori:Linari M., Biffi-Gentili G. Longo I./congresso_nome:XVII RiNEM, Riunione Nazionale di Elettromagnetismo, Lecce, Grand Hotel Tiziano e dei Congressi, 15-19 Settembre 2008/congresso_luogo:Lecce/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

89)-The agostic interaction in the branched intermediate explains the beta-regioselectivity in the Rh-catalyzed hydroformylation of 1,1-diphenylethene

Alagona G.; Ghio C.

Winter Modeling '08, Dec. 19, 2008, Pisa (Italy), 2008

<http://www.cnr.it/prodotto/i/116997>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:Winter Modeling '08, Dec. 19, 2008/congresso_luogo:Pisa (Italy)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

90)-An innovative microwave method for large scale preparation of nanocatalysts for industrial applications

Antonetti C; Giaiacopi S; Raspolli Galletti AM; Capannelli G; Longo I and. Venezia AM
Congresso Nazionale della Società Chimica Italiana, Genova, 2008

<http://www.cnr.it/prodotto/i/116998>

info:cnr-pdr/source/autori:Antonetti C, Giaiacopi S, Raspolli Galletti AM, Capannelli G, Longo I and. Venezia AM/congresso_nome:Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Genova/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

91)-Innovative processes for large scale preparation of nanostructured metal catalysts and their catalytic activity

Antonetti C.; Giaiacopi S.; Raspolli Galletti A.M.; Longo I. Ricci A.S.
Catalysis for Society”, 11 – 15 Maggio 2008, Cracovia, Polonia, 2008

<http://www.cnr.it/prodotto/i/116999>

info:cnr-pdr/source/autori:Antonetti C., Giaiacopi S., Raspolli Galletti A.M., Longo I. Ricci A.S./congresso_nome:Catalysis for Society”, 11 – 15 Maggio 2008/congresso_luogo:Cracovia, Polonia/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

92)-Innovative processes for large scale preparation of nanostructured metal catalysts and their catalytic activity

Antonetti C.; Giaiacopi S.; Raspolli Galletti A.M.; Longo I.
Tenth International Symposium on Heterogeneous Catalysis, “Quo Vadis, Catalysis?”, 23 – 27 Agosto 2008, Varna, Bulgaria, 2008

<http://www.cnr.it/prodotto/i/117000>

info:cnr-pdr/source/autori:Antonetti C., Giaiacopi S., Raspolli Galletti A.M., Longo I./congresso_nome:Tenth International Symposium on Heterogeneous Catalysis, “Quo Vadis, Catalysis?”, 23 – 27 Agosto 2008/congresso_luogo:Varna, Bulgaria/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

93)-Directed Patterned Assembly Of Luminescent Nanocrystals Functionalized Polystyrene Beads

Fanizza E.; Malaquin L.; Kraus T.; Wolf H.; Striccoli M.; Micali N.; Agostiano A.; Curri M. L.
NANAX3 Nanoscience with Nanocrystals, Lecce, 2008

<http://www.cnr.it/prodotto/i/117001>

info:cnr-pdr/source/autori:Fanizza E., Malaquin L., Kraus T., Wolf H., Striccoli M., Micali N., Agostiano A., Curri M. L./congresso_nome:NANAX3 Nanoscience with

Nanocrystals/congresso_luogo:Lecce/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

94)-Covalent Immobilization of Surface-Functionalized TiO₂ and ³-Fe₂O₃ Nanocrystals onto epoxy photo-resist films

Ingrosso C.; Striccoli M.; Sardella E.; Agostiano A.; Voigt A.; Gruetzner G.; Curri M. L.

E-MRS 2008 Spring Meeting, Strasbourg, 2008

<http://www.cnr.it/prodotto/i/117002>

info:cnr-pdr/source/autori:Ingrosso C., Striccoli M., Sardella E., Agostiano A., Voigt A., Gruetzner G., Curri M. L./congresso_nome:E-MRS 2008 Spring Meeting/congresso_luogo:Strasbourg/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

95)-Controlled Positioning of Polystyrene Beads Decorated with Luminescent Nanocrystals

Fanizza E.; Malaquin L.; Kraus T.; Wolf H.; Striccoli M.; Micali N.; Agostiano A.; Curri M. L.

E-MRS 2008 Spring Meeting, Strasbourg, 2008

<http://www.cnr.it/prodotto/i/117003>

info:cnr-pdr/source/autori:Fanizza E., Malaquin L., Kraus T., Wolf H., Striccoli M., Micali N., Agostiano A., Curri M. L./congresso_nome:E-MRS 2008 Spring Meeting/congresso_luogo:Strasbourg/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

96)-Surface driven assembly of luminescent semiconductor quantum dots

Corricelli M.; Comparelli R.; Depalo N.; Striccoli M.; Agostiano A.; Bhadraiah Sadhu V.; Huskens J.; Curri M. L.

E-MRS 2008 Spring Meeting, Strasbourg, 2008

<http://www.cnr.it/prodotto/i/117004>

info:cnr-pdr/source/autori:Corricelli M., Comparelli R., Depalo N., Striccoli M., Agostiano A., Bhadraiah Sadhu V., Huskens J., Curri M. L./congresso_nome:E-MRS 2008 Spring Meeting/congresso_luogo:Strasbourg/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

97)-Nanochemistry Towards Metamaterials

Comparelli R.

XIV Scuola Nazionale Di Scienza Dei Materiali, Bressanone, 2008

<http://www.cnr.it/prodotto/i/117005>

info:cnr-pdr/source/autori:Comparelli R./congresso_nome:XIV Scuola Nazionale Di Scienza Dei

Materiali/congresso_luogo:Bressanone/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

98)-Colloidal nanocrystals as tailored building blocks for nanocomposites and assemblies: original opportunities for functional materials

Curri M.L.

37th Conference of the Italian Physical Chemical Society, Camogli (GE), 2008

<http://www.cnr.it/prodotto/i/117006>

info:cnr-pdr/source/autori:Curri M.L./congresso_nome:37th Conference of the Italian Physical Chemical Society/congresso_luogo:Camogli (GE)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

99)-Spectroscopical and structural investigation on nanocrystals in phospholipid micelles for bioconjugated structures

Depalo N.; Mallardi A.; Carrieri P.; Comparelli R.; Striccoli M.; Agostiano A.; Curri M. L.

37th Conference of the Italian Physical Chemical Society, Camogli (GE), 2008

<http://www.cnr.it/prodotto/i/117007>

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100)-Linear and nonlinear optical properties of highly homogeneous nanocomposites based on TiO₂ rod-like nanocrystals in PMMA co-polymer

Sciancalepore C.; Cassano T.; Curri M. L.; Mecerreyes D.; Valentini A.; Agostiano A.; Tommasi R.; Striccoli M.

37th Conference of the Italian Physical Chemical Society, Camogli (GE), 2008

<http://www.cnr.it/prodotto/i/117008>

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101)-Nanocomposites based on colloidal nanocrystals: an original class of functional material

Ingrosso C.; Panniello A.; Placido T.; Liuzzi F.; Agostiano A.; Comparelli R.; Curri M.L.; Striccoli M.

Workshop on nanomaterials production, characterization and industrial applications, in II Conference on the, Milano, 2008

<http://www.cnr.it/prodotto/i/117010>

info:cnr-pdr/source/autori:Ingrosso C.;Panniello A.; Placido T.; Liuzzi F.; Agostiano A.; Comparelli R.; Curri M.L.; Striccoli M./congresso_nome:Workshop on nanomaterials production, characterization and industrial applications, in II Conference on the/congresso_luogo:Milano/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

102)-Luminescent Colloidal Nanocrystals: Novel Perspective for Optical Investigation of Biological Systems

Depalo N.; Mallardi A.; Carrieri P.; Comparelli R.; Agostiano A.; Striccoli M.; Curri M. L.
Workshop on nanomaterials production, characterization and industrial applications, in II Conference on the, Milano, 2008
<http://www.cnr.it/prodotto/i/117011>

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103)-Electrochemical Cationic Catalysis of Radical Anion Reduction and Model of Hidden Negative Resistance

Pospisil L.; Hromadova M.; Sokolova R.; Bulickova J.; Fanelli N.
2nd WORKSHOP on Molecular Structure-Performance Relationships at the Surface of Functional Materials, Dublin, 2008
<http://www.cnr.it/prodotto/i/117013>

info:cnr-pdr/source/autori:Pospisil L., Hromadova M., Sokolova R., Bulickova J., Fanelli N./congresso_nome:2nd WORKSHOP on Molecular Structure-Performance Relationships at the Surface of Functional Materials/congresso_luogo:Dublin/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

104)-Low-Loss Perovskite Niobates $Ba(M_{2+1/3}Nb_{2/3})O_3$: Composition, Structure, and Microwave Dielectric Properties

Belous A.; Ovchar O.; Kramarenko O.; Mischuk D.; Jancar B.; Spreitzer M.; Annino G.; Grebennikov D.; Mascher P.
5th International Conference on Microwave Materials and Their Applications MMA-2008, Hangzhou (China), 2008
<http://www.cnr.it/prodotto/i/117014>

info:cnr-pdr/source/autori:Belous A., Ovchar O., Kramarenko O., Mischuk D., Jancar B., Spreitzer M., Annino G., Grebennikov D., Mascher P./congresso_nome:5th International Conference on Microwave Materials and Their Applications MMA-

2008,/congresso_luogo:Hangzhou
(China)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

105)-The effect of impurity phases on the structure and properties of microwave dielectrics based on complex perovskites Ba(M₁/32+Nb₂/3)O₃

A. Belous; O. Ovchar; O. Kramarenko; D. Mischuk; B. Jancar; M. Spreitzer; G. Annino; D. Grebennikov; P. Mascher

5th International Conference on Microwave Materials and Their Applications MMA-2008, Hangzhou (China), 2008

<http://www.cnr.it/prodotto/i/117015>

info:cnr-pdr/source/autori:A. Belous, O. Ovchar, O. Kramarenko, D. Mischuk, B. Jancar, M. Spreitzer, G. Annino, D. Grebennikov, and P. Mascher/congresso_nome:5th International Conference on Microwave Materials and Their Applications MMA-2008/congresso_luogo:Hangzhou
(China)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

106)-Development of W-Band single-mode resonators for EPR, ENDOR, and DNP applications

Annino G.; Martinelli M.; Villanueva-Garibay J.A.; van Bentum P.J.M.; Klaassen A.A.K.; Kentgens A.P.M.; Moons H.; Fittipaldi M.; Van Doorslaer S.; Goovaerts E.

Euromar 2008, San Pietroburgo, 2008

<http://www.cnr.it/prodotto/i/117016>

info:cnr-pdr/source/autori:Annino G., Martinelli M., Villanueva-Garibay J.A., van Bentum P.J.M., Klaassen A.A.K., Kentgens A.P.M., Moons H., Fittipaldi M., Van Doorslaer S., Goovaerts E./congresso_nome:Euromar 2008/congresso_luogo:San Pietroburgo/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

107)-3 T DNP investigations by means of an open microwave resonator

G. Annino; J. A. Villanueva-Garibay; P. J. M. van Bentum; A. A. K. Klaassen; A. P. M. Kentgens

International COST Meeting on Advanced Paramagnetic Resonance Methods in Molecular Biophysics, Siena, 2008

<http://www.cnr.it/prodotto/i/117017>

info:cnr-pdr/source/autori:G. Annino, J. A. Villanueva-Garibay, P. J. M. van Bentum, A. A. K. Klaassen, A. P. M. Kentgens/congresso_nome:International COST Meeting on Advanced Paramagnetic Resonance Methods in Molecular Biophysics/congresso_luogo:Siena/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

108)-Sviluppo di ceramici a struttura perovskitica con alta impedenza superficiale e bassa tangente di perdita per sistemi di telecomunicazioni

B. Cioni; G. Gallone; G. Levita; G. Annino; A. Lazzeri

9° Convegno Nazionale AIMAT (Associazione italiana d'ingegneria dei materiali), Piano di Sorrento (NA), 2008

<http://www.cnr.it/prodotto/i/117018>

info:cnr-pdr/source/autori:B. Cioni, G. Gallone, G. Levita, G. Annino, A. Lazzeri/congresso_nome:9° Convegno Nazionale AIMAT (Associazione italiana d'ingegneria dei materiali)/congresso_luogo:Piano di Sorrento (NA)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

109)-Propriétés de dépolarisation des pointes métalliques pour la microscopie de champ proche optique sans ouverture et la spectroscopie Raman exaltée par effet de pointe

Gucciardi P. G.; Lopes M.; Barchiesi D.; Lamy de La Chapelle M.SUBJECTTERSSUBJECTSNOM

Forum de Microscopie a sonde locale 2008, La Londe Les Maures, France, 2008

<http://www.cnr.it/prodotto/i/117021>

info:cnr-pdr/source/autori:Gucciardi P. G., Lopes M., Barchiesi D., Lamy de La Chapelle M./congresso_nome:Forum de Microscopie a sonde locale 2008/congresso_luogo:La Londe Les Maures, France/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

110)-Sorting single wall carbon nanotubes bu density gradient ultracentrifugation: dependence on surfactant type and concentration

Bonaccorso F.; Hasan T.; Scardaci V.; Tan P. H.; Rozhin A. G.; Gucciardi P. G.; Ferrari A. C.SUBJECTcarbon nanotubesSUBJECTspectroscopySUBJECTdebundlingSUBJECTsorting
ChemOnTubes 2008, Zaragoza, 2008

<http://www.cnr.it/prodotto/i/117022>

info:cnr-pdr/source/autori:Bonaccorso F., Hasan T., Scardaci V., Tan P. H., Rozhin A. G., Gucciardi P. G., Ferrari A. C./congresso_nome:ChemOnTubes 2008/congresso_luogo:Zaragoza/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

111)-Nanoassemblies of glycosylated amphiphilic cyclodextrins and porphyrins as carrier-sensitizer systems in targeted photodynamic therapy of tumors

Mazzaglia A.; Monsù Scolaro L.; Sortino S.; Villari V.; Micali N.; Gucciardi P. G.; Bonaccorso F.; Giuffrè' M.; Sciortino M. T.

The 14th International Cyclodextrins Symposium, Kyoto, 2008

<http://www.cnr.it/prodotto/i/117023>

info:cnr-pdr/source/autori:Mazzaglia A., Monsù Scolaro L., Sortino S., Villari V., Micali N., Gucciardi P. G., Bonaccorso F., Giuffrè' M., Sciortino M. T./congresso_nome:The 14th

112)-Light depolarization induced by metallic tips in apertureless near-field optical microscopy and TERS

Gucciardi P. G.; Lopes M.; Barchiesi D.; Lamy de La Chapelle M.; Royer P.

XXIst International Conference on Raman Spectroscopy, London, 2008

<http://www.cnr.it/prodotto/i/117024>

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113)-The GINT (Gruppo INFN per le NanoTecnologie) research program

Ambrosio M.; Ambrosone G.; Campajola L.; Cantele G.; Coscia U.; Iadonisi G.; Ninno D.; Maddalena P.; Perillo E.; Raulo A.; Russo P.; Trani F.; Esposito E.; Bussolotti F.; Grossi V.; Lozzi L.; Passacantando M.; Santucci S.; Allegrini M.; Gucciardi PG et al/SUBJECTnanotubes *Workshop di Ateneo sulle Nanotecnologie, L'Aquila, 2008*

<http://www.cnr.it/prodotto/i/117025>

info:cnr-pdr/source/autori:Ambrosio M., Ambrosone G., Campajola L., Cantele G., Coscia U., Iadonisi G., Ninno D., Maddalena P., Perillo E., Raulo A., Russo P., Trani F., Esposito E., Bussolotti F., Grossi V., Lozzi L., Passacantando M., Santucci S., Allegrini M., Gucciardi PG et al/congresso_nome:Workshop di Ateneo sulle Nanotecnologie/congresso_luogo:L'Aquila/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

114)-Fabrication of gold tips by chemical and electrochemical etching techniques,

Bonaccorso F.; Lopes M.; Billot L.; Calogero G.; Di Marco G.; Maragò O. M.; Lamy de La Chapelle M.; Gucciardi P. G.

Tip-Enhanced Raman and Fluorescence Spectroscopy Meeting, Teddington, UK, 2008

<http://www.cnr.it/prodotto/i/117029>

info:cnr-pdr/source/autori:Bonaccorso F., Lopes M., Billot L., Calogero G., Di Marco G., Maragò O. M., Lamy de La Chapelle M., Gucciardi P. G./congresso_nome:Tip-Enhanced Raman and Fluorescence Spectroscopy Meeting/congresso_luogo:Teddington, UK/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

115)-Tip-Enhanced Raman Scattering induced by gold coated tips on Si (100) crystals

Valmalette J. C.; Gucciardi P. G.; Merlen A.; Chevallier V.

Tip-Enhanced Raman and Fluorescence Spectroscopy Meeting,, Teddington, UK, 2008

<http://www.cnr.it/prodotto/i/117030>

info:cnr-pdr/source/autori:Valmalette J. C., Gucciardi P. G., Merlen A. and Chevallier V./congresso_nome:Tip-Enhanced Raman and Fluorescence Spectroscopy Meeting,/congresso_luogo:Teddington, UK/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

116)-Sorting Single Wall Nanotubes by density gradient ultracentrifugation: role of the surfactant,

Bonaccorso F.; Hasan T.; Tan P. H.; Rozhin A. G.; Di Marco G.; Gucciardi P. G.; Ferrari A. C.

9th International Conference on science and application of nanotubes,, Montpellier, France, 2008

<http://www.cnr.it/prodotto/i/117031>

info:cnr-pdr/source/autori:Bonaccorso F., Hasan T., Tan P. H., Rozhin A. G., Di Marco G., Gucciardi P. G., Ferrari A. C./congresso_nome:9th International Conference on science and application of nanotubes,/congresso_luogo:Montpellier, France/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

117)-New reliable methods for the production of gold tips with sub-50 nm radius of curvature nu chemical and electrochemical etching techniques

Lopes M.; Bonaccorso F.; Billot L.; Calogero G.; Di Marco G.; Maragò O. M.; Lamy de la Chapelle M.; Gucciardi P. G.

10th International Conference on Near-Field Optics, Nanophotonics and Related Techniques, Buenos Aires, September 1-5, 2008

<http://www.cnr.it/prodotto/i/117032>

info:cnr-pdr/source/autori:Lopes M., Bonaccorso F., Billot L., Calogero G., Di Marco G., Maragò O. M., Lamy de la Chapelle M., Gucciardi P. G./congresso_nome:10th International Conference on Near-Field Optics, Nanophotonics and Related Techniques/congresso_luogo:Buenos Aires/congresso_data:September 1-5, 2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

118)-Sub-surface Fluorescence imaging of cyclodextrin-porphyrin vesicles by aperture scanning near-field optical microscopy

Bonaccorso F.; Mazzaglia A.; Monsù Scolaro L.; Valerio A.; Rencurosi A.; Lay L.; Giorgianni U.; Micali N.; Villari V.; Maragò O. M.; Gucciardi P. G.

10th International Conference on Near-Field Optics, Nanophotonics and Related Techniques, Buenos Aires, 2008

<http://www.cnr.it/prodotto/i/117033>

info:cnr-pdr/source/autori:Bonaccorso F., Mazzaglia A., Monsù Scolaro L., Valerio A., Rencurosi A., Lay L., Giorgianni U., Micali N., Villari V., Maragò O. M., Gucciardi P.

G./congresso_nome:10th International Conference on Near-Field Optics, Nanophotonics and Related Techniques/congresso_luogo:Buenos Aires/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

119)-Fast electron transport studies in petawatt laser irradiation of solid dielectric and metallic target materials

P. Köster; A. Giulietti; D. Giulietti; L. Labate; L.A. Gizzi; K.L. Lancaster; P. Norreys; J.S. Green; R.G. Evans; F. Perez; S. Baton; M. Koenig; A. Morace; D. Batani; J. Waugh; N. Woolsey; K. Akli

22nd IAEA Fusion Energy Conference, 13-18 October 2008, Geneva, Switzerland, Geneva, Switzerland, 2008

<http://www.cnr.it/prodotto/i/117036>

info:cnr-pdr/source/autori:P. Köster, A. Giulietti, D. Giulietti, L. Labate, L.A. Gizzi, K.L. Lancaster, P. Norreys, J.S. Green, R.G. Evans, F. Perez, S. Baton, M. Koenig, A. Morace, D. Batani, J. Waugh, N. Woolsey, K. Akli/congresso_nome:22nd IAEA Fusion Energy Conference, 13-18 October 2008, Geneva, Switzerland/congresso_luogo:Geneva, Switzerland/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

120)-Study of fast electron dynamics in solids using multispectral, monochromatic X-ray imaging

L. Labate; A. Giulietti; D. Giulietti; L.A. Gizzi; P. Köster; T. Levato; F. Zamponi; A. Lübcke; T. Kämpfer; I. Uschmann; E. Förster; A. Antonicci; D. Batani; B. Rus

22nd IAEA Fusion Energy Conference, 13-18 October 2008, Geneva, Switzerland, Geneva, Switzerland, 2008

<http://www.cnr.it/prodotto/i/117037>

info:cnr-pdr/source/autori:L. Labate, A. Giulietti, D. Giulietti, L.A. Gizzi, P. Köster, T. Levato, F. Zamponi, A. Lübcke, T. Kämpfer, I. Uschmann, E. Förster, A. Antonicci, D. Batani, B. Rus/congresso_nome:22nd IAEA Fusion Energy Conference, 13-18 October 2008, Geneva, Switzerland/congresso_luogo:Geneva, Switzerland/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

121)-Experimental investigation of fast electron transport through Kalpha imaging and spectroscopy in relativistic laser-solid interactions

P. Köster; K. Akli; A. Antonicci; D. Batani; S. Baton; R.G. Evans; E. Förster; A. Giulietti; D. Giulietti; L.A. Gizzi; J.S. Green; T. Kämpfer; M. Koenig; L. Labate; K.L. Lancaster; T. Levato; A. Lübcke; A. Morace; P. Norreys; F. Perez; I. Uschmann; J. Wau

35th EPS Plasma Physics Conference, 9-13 June 2008, Hersonissos, Crete, Greece, Hersonissos, Crete, 2008

<http://www.cnr.it/prodotto/i/117038>

info:cnr-pdr/source/autori:P. Köster, K. Akli, A. Antonicci, D. Batani, S. Baton, R.G. Evans, E. Förster, A. Giulietti, D. Giulietti, L.A. Gizzi, J.S. Green, T. Kämpfer, M. Koenig, L. Labate,

K.L. Lancaster, T. Levato, A. Lübcke, A. Morace, P. Norreys, F. Perez, I. Uschmann, J. Wau/congresso_nome:35th EPS Plasma Physics Conference, 9-13 June 2008, Hersonissos, Crete, Greece/congresso_luogo:Hersonissos, Crete/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

122)-Mechanism of chemical vapor generation using tetrahydroborate(III) derivatization

D'Ulivo A.

6th Aegean Analytical Chemistry Days, pp. 50, Denizli, Turchia, 2008

<http://www.cnr.it/prodotto/i/117039>

info:cnr-pdr/source/autori:D'Ulivo A./congresso_nome:6th Aegean Analytical Chemistry Days/congresso_luogo:Denizli, Turchia/congresso_data:2008/anno:2008/pagina_da:50/pagina_a:/intervallo_pagine:50

123)-CCVD synthesis of multi-walled carbon nanotubes on Fe/SiO₂ and Fe/Al₂O₃ catalysts

A.Pistone; S. Galvagno; M. Lanza; G. Messina; G. Faggio; S. Santangelo; C. Milone

XVII Congresso Nazionale della Divisione di Chimica Industriale, Genova (Italy), 2008

<http://www.cnr.it/prodotto/i/117068>

info:cnr-pdr/source/autori:A.Pistone, S. Galvagno, M. Lanza, G. Messina, G. Faggio, S. Santangelo, C. Milone/congresso_nome:XVII Congresso Nazionale della Divisione di Chimica Industriale/congresso_luogo:Genova (Italy)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

124)-Catalytic Chemical Vapour Deposition of MWCNT from isobutane on Fe/Al₂O₃ catalyst for application in PhotoVoltaic devices

A.Pistone; A.Arena; N.Donato S.Galvagno; M.Lanza; C.Milone; E.Piperopoulos; S.Santangelo

14th ICC, "International Congress on Catalysis"2008, Seoul (Korea), 2008

<http://www.cnr.it/prodotto/i/117069>

info:cnr-pdr/source/autori:A.Pistone, A.Arena, N.Donato S.Galvagno, M.Lanza, C.Milone, E.Piperopoulos, S.Santangelo/congresso_nome:14th ICC, "International Congress on Catalysis"2008/congresso_luogo:Seoul (Korea)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

125)-Sintesi di Nanotubi di Carbonio Mediante Catalytic Chemical Vapor Deposition (CCVD)

Pistone; C. Milone; M. Lanza; S. Santangelo; G. Messina; S. Galvagno

VI Convegno Nazionale AICIng, Associazione Italiana Chimica per l'Ingegneria, Ischia (Italy), 2008

<http://www.cnr.it/prodotto/i/117070>

info:cnr-pdr/source/autori:Pistone, C. Milone, M. Lanza, S. Santangelo, G. Messina, S. Galvagno/congresso_nome:VI Convegno Nazionale AICIng, Associazione Italiana Chimica per l'Ingegneria/congresso_luogo:Ischia (Italy)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

126)-CVD growth of multi-walled C nanotubes by isobutane-decomposition over supported iron-catalysts

Pistone; S.Galvagno M.Lanza; G. Faggio; G.Messina; S.Santangelo; C.Milone
3rd International Conference On Surfaces, Coatings And Nanostructured Materials – NanoSmat 2008, Barcellona (Spain), 2008
<http://www.cnr.it/prodotto/i/117071>

info:cnr-pdr/source/autori:Pistone, S.Galvagno M.Lanza, G. Faggio, G.Messina, S.Santangelo, C.Milone/congresso_nome:3rd International Conference On Surfaces, Coatings And Nanostructured Materials –NanoSmat 2008/congresso_luogo:Barcellona (Spain)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

127)-A scaling law for MWCNT growth by catalytically assisted CVD

S.Santangelo; C.Milone; M.Lanza; S.Galvagno; G.Messina
3rd International Conference On Surfaces, Coatings And Nanostructured Materials – NanoSmat 2008, Barcellona (Spain), 2008
<http://www.cnr.it/prodotto/i/117072>

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128)-Isobutane as an efficient carbon-precursor for the catalytic growth of multi-walled nanotubes

A. Pistone; C.Milone; M.Lanza; S.Santangelo; G.Messina; G.Faggio; S.Galvagno
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129)-LINEAR AND NONLINEAR ABSORPTION SPECTRA: VIBRATIONAL AND CONFORMATION EFFECTS

Rizzo; A.

First International Vibrational Optical Activity Conference 2008, Manchester, U.K., 2008
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130)-THE AB INITIO CALCULATION OF LINEAR AND NONLINEAR PROPERTIES OF CHIRAL SYSTEMS

Rizzo; A.

Meeting on the Origins of Homochirality, Stockholm, Sweden, 2008

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131)-Substrate directed 1,3-asymmetric induction in rhodium-catalyzed hydroformylation of chiral vinyl ethers: the outstanding case of (R)-1-phenyl-2,2-dimethylpropyl vinyl ether

Lazzaroni R.; Settambolo R.; Alagona G.; Ghio C.

International Symposium on Homogeneous Catalysis - ISHC_XVI, July 6-11, Florence (Italy), 2008

<http://www.cnr.it/prodotto/i/117106>

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132)-A time-independent approach to the computation of vibrationally-resolved electronic spectra

F.Santoro

XIV European Seminar on Computational Methods in Quantum Chemistry, Elba, 2008

<http://www.cnr.it/prodotto/i/117119>

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133)-A 3D Model for Isomerization of a molecular switch mimicking retinal

F.Santoro

Meeting "Development of ultrafast light driven molecular motors", Zurigo, 2008

<http://www.cnr.it/prodotto/i/117120>

info:cnr-pdr/source/autori:F.Santoro/congresso_nome:Meeting "Development of ultrafast light driven molecular motors"/congresso_luogo:Zurigo/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

134)-Quantum dynamics of ultrafast photoinduced processes in biological molecules. The cases of Uracil and Retinal

F.Santoro

ChiTel08, XXXIV Congresso dei Chimici Teorici di Espressione Latina,, Cetraro, 2008

<http://www.cnr.it/prodotto/i/117121>

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135)-Computational Vibrationally-Resolved Optical Spectra,

F.Santoro

European Workshop CERC3, Perugia, 2008

<http://www.cnr.it/prodotto/i/117122>

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136)-Spectrometer based on a single liquid crystal diffractive element for real time measurement of circular dichroism

Mazzulla A; Cipparrone G; Pagliusi P; Provenzano C

8° Congresso Nazionale Società Italiana Cristalli Liquidi, Acitrezza (CT), 4-7 giugno 2008

<http://www.cnr.it/prodotto/i/117160>

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137)-Real-time circular dichroism spectrometer based on a single liquid crystal diffractive element

Mazzulla A; Cipparrone G; Pagliusi P; Provenzano C

4° Workshop Italy - Japan on Liquid Crystals 2008 (JILC '08), Nara (Giappone), 7-9 luglio 2008

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138)-Structural and electronic properties of new anthracene derivatives

O.L. Kapitanchuk; A. Dell'Aquila; P. Mastrorilli; F. Marinelli; J. Tey; P. Keg; Y.M. Lam; C.F. Nobile; P. Cosma; A.A. Marchenko; G.P. Suranna; L. Torsi; S.G. Mhaisalkar; D. Fichou
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139)-A convenient approach to random poly(fluorene-vinylene)s: the Suzuki-Heck reaction cascade of dibromoaryl derivatives with potassium vinyltrifluoroborate

R. Grisorio; C. Piliago; G. Gigli; P. Mastrorilli; P. Fini; P. Cosma; C. F. Nobile; G. P. Suranna
"FA8, the 8th International Symposium on Functional \dot{A} -Electron Systems", Graz (Austria), 2008

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140)-E Effects of toxic species on photosynthetic materials: an optical method-based study

Ventrella A.; Ventrella E.; Catucci L.; Agostiano A.

XIII International Symposium on Luminescence Spectrometry, Bologna (Italy), 2008

<http://www.cnr.it/prodotto/i/117237>

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141)-Physico-chemical investigation of host-guest interaction between natural and modified cyclodextrins and ochratoxin A

R. Verrone; L. Catucci; P. Fini; P. Cosma; A. Agostiano; V. Lippolis; M. Pascale

XXXVII Congresso Nazionale di Chimica Fisica, Camogli (Genova), 2008

<http://www.cnr.it/prodotto/i/117239>

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(Genova)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

142)-Photosynthetic membranes and proteins: studies on the factors influencing structural organization and functionality, towards biotechnological applications

Ventrella; L. Catucci; A. Corcelli; A. Agostiano

XXXVII Congresso Nazionale di Chimica Fisica, Camogli (Genova), 2008

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143)-Osmotic shock and activity of photosynthetic enzymes in chromatophores from Rhodobacter sphaeroides

De Leo L; . Catucci L; Ventrella A; . Milano F; Agostiano A; Corcelli

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144)-Uptake, Cytotoxicity and Phototoxicity of Chl a /Cyclodextrins Complexes on Jurkat Cells

Cosma P; Fini P; Rochira S; Catucci L; Agostiano A; Gristina R; Nardulli MSUBJECTPDTSUBJECTChlorophyll aSUBJECTCyclodextrinsSUBJECTJurkat cells

EPPM – 1, 1st Conference of the European Platform for Photodynamic Medicine, pp. 58–61, Dubrovnik, Croatia, 2008

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Medicine/congresso_luogo:Dubrovnik,

Croatia/congresso_data:2008/anno:2008/pagina_da:58/pagina_a:61/intervallo_pagine:58-61

145)-“Development of Bacteriochlorophyll a/Cyclodextrins Supramolecular Systems of PDT Applications”

Balia T; Cosma P; Fini P; Rochira S.; Catucci L.; Agostiano A

EPPM – 1, 1st Conference of the European Platform for Photodynamic Medicine, Dubrovnik, Croatia, 2008

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146)-Charge Effects in Water Solution of Pamam Dendrimers: A Synchrotron Radiation SAXS Study

Lombardo D.; Kiselev M. A.; Longo A.; Calandra P.

XVI° Convegno della Società Italiana Luce di Sincrotrone (SILS), Palermo, 26-28 giugno 2008

<http://www.cnr.it/prodotto/i/117303>

info:cnr-pdr/source/autori:Lombardo D.; Kiselev M. A.; Longo A.; Calandra P./congresso_nome:XVI° Convegno della Società Italiana Luce di Sincrotrone (SILS)/congresso_luogo:Palermo/congresso_data:26-28 giugno 2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

147)-Structural Investigation in Solution of Interacting Block Copolymers Micelles

Lombardo D.; Kiselev M. A.; Longo A.; Triolo A.

XVI° Convegno della Società Italiana Luce di Sincrotrone (SILS), Palermo, 26-28 giugno 2008

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148)-Template directed formation of Zeolite A Nanoparticles

Bonaccorsi L.; Lombardo D.; Longo A.; Proverbio E.

XVI° Convegno della Società Italiana Luce di Sincrotrone (SILS), Palermo, 26-28 giugno 2008

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149)-Morphological Transition in Mixed Surfactant-Phospholipids Systems

Lombardo D.; Kiselev M. A

XVI° Convegno della Società Italiana Luce di Sincrotrone (SILS), Palermo, 26-28 giugno 2008

<http://www.cnr.it/prodotto/i/117306>

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150)-Interaction in Water Solution of starburst polymers: A Small Angle X-ray Scattering Study

Lombardo D.; Longo A.; Kiselev M. A.; Calandra P.

Dynamic Arrest of Soft Matter and Colloids., Taormina (ME), 22-26 novembre 2008

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151)-Associating Properties in Solution of Interacting Block Copolymers Micelles

Lombardo D.; Kiselev M. A.; Longo A.

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<http://www.cnr.it/prodotto/i/117308>

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152)-Self Assembly in mixed Phospholipid/Surfactant Vesicle Systems

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153)-Formation of Zeolite Nanostructures using a Dendrimer Template

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154)-L'analisi della composizione del sudore come strumento d'indagine medica

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155)-Background-free apertureless near-field optical imaging

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156)-QM/MM methods and applications

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157)-Lipid environmental modulation of activity of photosynthetic membrane proteins

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158)-Magnesium chemical rescue to cobalt-poisoned cells from Rhodobacter sphaeroides

L. Giotta; F. Italiano; A. Buccolieri; A. Agostiano; F. Milano; M. Trotta
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Francesco Milano; Emiliano Altamura; Angela Agostiano; Livia Giotta; Massimo Trotta
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160)-Patterning and Assembling of Inorganic Nanocrystals

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161)-Toward an integrated computational approach for the description of localized physico-chemical properties involving biomolecules

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162)-Metodi fisici per test d'identificazione rapida della varietà dei semi di girasole e della qualità dell'olio estratto

Salvetti G.;

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163)-Calorimetro multimodo differenziale

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164)-Cella solare fotoelettrochimica comprendente coloranti sensibilizzanti antocianinici e betalainici di origine vegetale o sintetica, o loro miscele

Calogero G.;

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165)-Identification / quantification of distinct sub-components of serum gamma-glutamyltransferase

PAOLICCHI Aldo;

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166)-Process for determining S-nitrosothiols in biological fluids

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167)-Centr, l'Europa di Internet

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170)-AFRODITE (Attività Formativa per la Ricerca Online della Documentazione prodotta dall'Istituto e relativo Trattamento Elettronico)

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<http://www.cnr.it/prodotto/i/149186>

171)-Ludoteca Scientifica

Ioli N.; Gozzini S.; Legnaioli S.; Tagliaferri M.
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172)-Addio silicio..I nuovi pannelli solari andranno a succo d'arancia e melanzane

Di Marco G.; Calogero G.
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174)-Partecipazione all'indagine sulle esperienze Open Access (OA) per un Institutional repository (IR) del CNR.

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195)-Method and device for measuring circular dichroism in real time

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196)-SECONDARY RELAXATIONS IN HETEROCYCLIC POLYMER NETWORKS: A STUDY OF MECHANICAL SPECTROSCOPY

Giovanni Carini Jr; Giuseppe Carini; Sergio La Rocca; Gaspare Tripodo; Antonio Bartolotta; Gaetano Di Marco; Eleonora G. Privalko

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197)-Fabrication of gold tips by new chemical and electrochemical etching techniques

F. Bonaccorso; M. Lopes; L. Billot; G. Calogero; G. Di Marco; O. M. Maragò; M. Lamy de la Chapelle; P. G. Gucciardi

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198)-Low temperature specific heat of heterocyclic polymer networks: effect of network density

Giovanni Carini Jr; Giuseppe Carini; Giovanna D'Angelo; Gaspare Tripodo; Antonio Bartolotta; Gaetano Di Marco; Gabriele Salvato

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199)-Foglie artificiali: energia ecosostenibile grazie ai coloranti naturali

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200)-SECONDARY RELAXATIONS IN HETEROCYCLIC POLYMER NETWORKS

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201)-Una spremuta d'energia: Energia solare, pulita e rinnovabile, grazie ai prodotti naturali siciliani e alle nanotecnologie

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202)-Optical Trapping and manipulation of Single Wall Nanotubes

Maragò O. M.; Bonaccorso F.; Palmisano F.; Mittica G.; Gucciardi P.G.; Calogero G.; Di Marco G.; Jones P. H.; Scardaci V.; Rozhin A.; Ferrari A. C.; Saija R.; Borghese F.; Denti P.; Iatì A. M.

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203)-Density Gradient Ultracentrifugation: interplay of surfactants encapsulation and solvation

F. Bonaccorso; Tawfique Hasan; PingHeng Tan; A. G. Rozhin; G. Di Marco; P. G. Gucciardi; A. C. Ferrari

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204)-Fotovoltaico di terza generazione: una prospettiva di sviluppo per il nostro territorio

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2008

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205)-Sicilian fruit-based dye sensitized solar cells

G. Calogero; A. Sinopoli; G. Di Marco

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206)-THE ROLE OF THE AMORPHOUS PHASE IN THE RE-CRYSTALLIZATION PROCESS OF COLD-CRYSTALLIZED PET

M. Pieruccini; A. Flores; U. Nöchel; G. Di Marco; N. Stribeck; F.J. Baltá-Calleja

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<http://www.cnr.it/prodotto/i/251823>

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207)-Natural dye sensitized solar cells based on graphene as counter electrode

Bonaccorso F.; Ferrara A. C.; Di Marco G.; Calogero C.; Privitera G.

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208)-Modulation of the response of polymer materials through molecular interactions and nanodispersion

Ciardelli, F; Pieroni, O; Bronco, S; Ruggeri, G; Pucci, A
SUBJECTPOLY(L-GLUTAMIC ACID)SUBJECTDICHROIC PROPERTIES
SUBJECTPOLYETHYLENE FILMSSUBJECTSPIROPYRAN
UNITSSUBJECTBIS(BENZOXAZOLYL)STILBENESUBJECTCONFORMATIONSUBJECT
TPHOTOMODULATIONSUBJECTPOLY(L-LYSINE)SUBJECTDEFORMATIONSUBJECTABSORPTION

4th International Conference on Times of Polymers TOP and Composites, pp. 117–119, Ischia, ITALY, SEP 21-24, 2008

<urn:isbn:978-0-7354-0570-7>

info:cnr-pdr/source/autori:Ciardelli, F ; Pieroni, O ; Bronco, S; Ruggeri, G ; Pucci, A/congresso_nome:4th International Conference on Times of Polymers TOP and Composites/congresso_luogo:Ischia, ITALY/congresso_data:SEP 21-24, 2008/anno:2008/pagina_da:117/pagina_a:119/intervallo_pagine:117–119

209)-New materials and deep UV laser in direct mastering processing

Alfredo MazzullaSUBJECTdirect masteringSUBJECTOptical recordingSUBJECTphotoresistSUBJECTpolymer
2008

<http://www.cnr.it/prodotto/i/365042>