

Peer-reviewed journal articles

1)-The XPS and XAES spectra of Na_{0.88}Mn_{0.56}PS₃

Letteria Silipigni; Lilla Schirò; Luigi Monsù Scolaro; Giovanna De Luca; Gabriele Salvato
subject Layered intercalation materials; Sodium intercalated compounds; XPS spectra; XAES spectra

Applied surface science 257 (2011): 10888–10892.

<https://dx.doi.org/10.1016/j.apsusc.2011.07.131>

2)-Evaluation of crystalline perfection degree of multi-walled carbon nanotubes: correlations between thermal kinetic analysis and micro-Raman spectroscopy

S. Santangelo; G. Messina; G. Faggio; M. Lanza; C. Milone
subject Carbon Nanotubes

Journal of Raman spectroscopy 41 (2011): 593–602.

<http://www.cnr.it/prodotto/i/40215>

info:cnr-pdr/source/autori:S. Santangelo, G. Messina, G. Faggio, M. Lanza, C. Milone/titolo:Evaluation of crystalline perfection degree of multi-walled carbon nanotubes: correlations between thermal kinetic analysis and micro-Raman spectroscopy/

3)-David Bishop's approach to vibrational dynamic contributions to molecular properties. Application to Jones and Magnetolectric birefringences in diatomic molecules

Rizzo, A.; Cappelli, C.

International journal of quantum chemistry 111 (2011): 760–771.

<https://dx.doi.org/10.1002/qua.22813>

4)-Cavity field effects within a polarizable continuum model of solvation: application to the calculation of electronic circular dichroism spectra of R-(+)-3-Methyl-cyclopentanone

Pipolo, S.; Cammi, R.; Rizzo, A.; Cappelli, C.; Mennucci, B.; Tomasi, J.

International journal of quantum chemistry 111 (2011): 826–838.

<http://www.cnr.it/prodotto/i/40327>

info:cnr-pdr/source/autori:Pipolo, S.; Cammi, R.; Rizzo, A.; Cappelli, C.; Mennucci, B.; Tomasi, J./titolo:Cavity field effects within a polarizable continuum model of solvation: application to the calculation of electronic circular dichroism spectra of R-(+)-3-Methyl-cyclopentanone/

5)-Size-dependent selectivity and activity of silver nanoclusters in the partial oxidation of propylene to propylene oxide and acrolein: A joint experimental and theoretical study

Molina L. M.; Lee S.; Sell K.; Barcaro G.; Fortunelli A.; Lee B.; Seifert S.; Winans R. E.; Elam J. W.; Pellin M. J.; Barke I.; von Oeynhausen V.; Lei Y.; Meyer R. J.; Alonso J. A.; Fraile-Rodriguez A.; Kleibert A.; Giorgio S.; Henry C. R.; et al.

Catalysis Today 160 (2011): 116–127.

<https://dx.doi.org/10.1016/j.cattod.2010.08.022>

6)-On the existence of an analytic solution to the 1D Ising model with nearest and next-nearest neighbor interactions in the presence of a magnetic field

Taherkhani F.; Daryaei E.; Abroshan H.; Akbarzadeh H.; Parsafar G.; Fortunelli A.

Phase transitions 84 (2011): 77–84.

<https://dx.doi.org/10.1080/01411594.2010.514803>

7)-Structural properties of pulsed laser deposited SnOx thin films

Fazio E.; Neri F.; Ruggeri R.; Sabatino G.; Trusso S.; Mannino G.subjectTin oxidesubjectThin filmssubjectPulsed laser ablationsubjectTEM

Applied surface science 257 (2011): 2520–2525.

<http://www.cnr.it/prodotto/i/40389>

info:cnr-pdr/source/autori:Fazio E.; Neri F.; Ruggeri R.; Sabatino G.; Trusso S.; Mannino G./titolo:Structural properties of pulsed laser deposited SnOx thin films/

8)-Amphiphilic Amylose-g-poly(meth)acrylate Copolymers through “Click” onto Grafting Method

Bertoldo, Monica; Zampano, Giovanni; La Terra, Federico; Villari, Valentina; Castelvetro Valtersubjectamphiphilic graft copolymerssubjectamylosesubject“click” reactionsubjectpoly(meth)acrylatesubjectself-assembling

Biomacromolecules 12 (2011): 388–398.

<http://www.cnr.it/prodotto/i/40418>

info:cnr-pdr/source/autori:Bertoldo, Monica; Zampano, Giovanni; La Terra, Federico; Villari, Valentina; Castelvetro Valter/titolo:Amphiphilic Amylose-g-poly(meth)acrylate Copolymers through “Click” onto Grafting Method/

9)-Easy detectable isocyanate in the reaction with gelatin

Bertoldo, Monica; Cognigni, Federica; Ciardelli, FrancescosubjectGelatinsubjectIsocyanatesubjectUV–VIS spectroscopysubjectFluorescence spectroscopy

Polymer bulletin (Berl., Print) (2011).

<http://www.cnr.it/prodotto/i/40419>

info:cnr-pdr/source/autori:Bertoldo, Monica; Cognigni, Federica; Ciardelli, Francesco/titolo:Easy detectable isocyanate in the reaction with gelatin/

10)-Charge interaction of low generation dendrimers during zeolite formation

Lombardo D. (A); Bonaccorsi L. (B); Longo A. (C); Proverbio E. (B); Calandra P. (A)

Journal of non-crystalline solids 357 (2011): 771–774.

<http://www.cnr.it/prodotto/i/40430>

info:cnr-pdr/source/autori:Lombardo D. (A); Bonaccorsi L. (B); Longo A. (C); Proverbio E. (B); Calandra P. (A)/titolo:Charge interaction of low generation dendrimers during zeolite formation/

11)-Self-organization of mono- and bi-modal PbS nanocrystal populations in superlattices

Corricelli, Michela; Altamura, Davide; De Caro, Liberato; Guagliardi, Antonella; Falqui, Andrea; Genovese, Alessandro; Agostiano, Angela; Giannini, Cinzia; Striccoli, Marinella; Curri, M. Lucia
subjectNanocrystals
CrystEngComm (Camb., Online) 13 (2011): 3988–3997.
<https://dx.doi.org/10.1039/c0ce00874e>

12)-Raman scattering investigation of the boson peak in a sodium silicate glass

Baldi, Giacomo; Fontana, Aldo; Rossi, Flavio; Monaco, Giulio
subjectboson peaks
subjectglass
subjectelasticity
Philosophical magazine (2003, Print) 91 (2011): 1801–1808.
<https://dx.doi.org/10.1080/14786435.2010.523020>

13)-The Raman coupling function in permanently densified GeO₂ glasses

Orsingher, Laura; Baldi, Giacomo; Fontana, Aldo; Rossi, Flavio
subjectvitreous germania
subjectpermanently densified glass
subjectRaman light scattering
subjectneutron inelastic scattering
Philosophical magazine (2003, Print) 91 (2011): 1857–1863.
<https://dx.doi.org/10.1080/14786435.2010.527865>

14)-High frequency acoustic attenuation of vitreous silica: New insight from inelastic x-ray scattering

Baldi, Giacomo; Giordano, Valentina Maria; Monaco, Giulio; Ruta Beatrice
subjectSound attenuation; Vibrational dynamics; Glasses; Boson peak
Journal of non-crystalline solids 357 (2011): 538–541.
<https://dx.doi.org/10.1016/j.jnoncrysol.2010.05.085>

15)-Observation of empty liquids and equilibrium gels in a colloidal clay

Barbara Ruzicka (1); Emanuela Zaccarelli (2); Laura Zulian (3); Roberta Angelini (1); Michael Sztucki (4); Abdellatif Moussaïd (4); Theyencheri Narayanan (4); Francesco Sciortino (2)
subjectColloidal system
subjectequilibrium gels
subjectempty liquid
subjectSmall Angle X-ray Scatterings
subjectNanoscale materials
Nature materials (Print) 10 (2011): 56–60.
<https://dx.doi.org/10.1038/nmat2921>

16)-Hologram transmission through multi-mode optical fibers

Di Leonardo, R.; Bianchi, S.
Optics express 19 (2011): 247.
<http://www.cnr.it/prodotto/i/40548>

info:cnr-pdr/source/autori:Di Leonardo, R.; Bianchi, S./titolo:Hologram transmission through multi-mode optical fibers/

17)-Visualizing coherent phonon propagation in the 100 GHz range: A broadband picosecond acoustics approach

Pontecorvo, E.; Ortolani, M.; Polli, D.; Ferretti, M.; Ruocco, G.; Cerullo, G.; Scopigno, T.

Applied physics letters 98 (2011): 011901.

<http://www.cnr.it/prodotto/i/40550>

info:cnr-pdr/source/autori:Pontecorvo, E.; Ortolani, M.; Polli, D.; Ferretti, M.; Ruocco, G.; Cerullo, G.; Scopigno, T./titolo:Visualizing coherent phonon propagation in the 100 GHz range: A broadband picosecond acoustics approach/

18)-Electric field-induced fast nematic order variation

Amoddeo A.; Barberi R.; Lombardo G.subjectPARTIAL DIFFERENTIAL EQUATIONSSubjectBOUNDARY VALUE PROBLEMSsubjectLIQUID-CRYSTALSsubjectEQUIDISTRIBUTIONsubjectORIENTATION

Liquid crystals (Print) 38 (2011): 93–103.

<https://dx.doi.org/10.1080/02678292.2010.530298>

19)-The Johari–Goldstein beta-relaxation of glass-forming binary mixtures

Capaccioli, S.; Kessairi, K.; Shahin Thayyil, M.; Prevosto, D.; Lucchesi, M.subjectbinary mixturessubjectstructural relaxationssubjectsecondary relaxationssubjectglass transition

Journal of non-crystalline solids 357 (2011): 251–257.

<http://www.cnr.it/prodotto/i/40596>

info:cnr-pdr/source/autori:Capaccioli, S.; Kessairi, K.; Shahin Thayyil, M.; Prevosto, D.; Lucchesi, M./titolo:The Johari–Goldstein beta-relaxation of glass-forming binary mixtures/

20)-Swimming with an Image

Di Leonardo, R.; Dell’Arciprete, D.; Angelani, L.; Iebba, V.subjectESCHERICHIA-COLI; BACTERIA; MOTILITY; CELLS

Physical review letters (Print) 106 (2011): 03810.

<https://dx.doi.org/10.1103/PhysRevLett.106.038101>

21)-Two-photon polarization dependent spectroscopy in chirality: A novel experimental-theoretical approach to study optically active systems.

Hernandez, F. E.; Rizzo, A.subjectChiralitysubjectNonlinear spectroscopysubjectTwo-photon processessubjectBinaphtholssubjectBy-aryls

Molecules (Basel, Online) 16 (2011): 3315–3337.

<https://dx.doi.org/10.3390/molecules16043315>

22)-The magnetohydrodynamic turbulent cascade in the ecliptic solar wind: Study of Ulysses data

Marino R.; Sorriso-Valvo L.; Carbone V.; Veltri P.; Noullez A.; Bruno R

Planetary and space science 59 (2011): 592.

<http://www.cnr.it/prodotto/i/40671>

info:cnr-pdr/source/autori:Marino R., Sorriso-Valvo L., Carbone V., Veltri P., Noullez A. and Bruno R/titolo:The magnetohydrodynamic turbulent cascade in the ecliptic solar wind: Study of Ulysses data/

23)-Relativistic four-component calculations of Buckingham birefringence using London atomic orbitals

Bast, R.; Ruud, K.; Rizzo, A.; Helkaker, T.subjectRelativistic effectssubjectBuckingham BirefringencesubjectNonlinear propertiessubjectResponse theory
Theoretical Chemistry accounts (Print) 129 (2011): 685–699.
<https://dx.doi.org/10.1007/s00214-011-0939-3>

24)-Reversible Binding of Metal Ions onto Bacterial Layers Revealed by Protonation-Induced ATR-FTIR Difference Spectroscopy

Livia Giotta; Disma Mastrogiacomo; Francesca Italiano; Francesco Milano; Angela Agostiano; Krisztina Nagy; Ludovico Valli; Massimo Trottaheavy metal; Rhodobacter sphaeroides; ATR-FTIR difference spectroscopy
Langmuir 27 (2011): 3762–3773.
<https://dx.doi.org/10.1021/la104868m>

25)-The particle distributions of asymmetric kinetic electrostatic structures

NOCERA L; PALUMBO L JsubjectBGK-modessubjectdouble-layerssubjectelectrostatic-solitary-wavessubjectphase-space-holesubjectsheaths
Physics of plasmas 18 (2011): 032114-1–032114-4.
<https://dx.doi.org/10.1063/1.3562875>

26)-PMMA nanocomposites based on TiO₂ nanocrystals: tailoring material properties towards sensing

Convertino A; Tamborra M; Striccoli M; Leo G; Agostiano A; Curri M Lsubjectpolymer; nanocrystals; tio2
Thin solid films (Print) 519 (2011): 3931–3938.
<https://dx.doi.org/10.1016/j.tsf.2011.01.359>

27)-“Towards individual electrical contact of nanoparticles in nanocomposites”

Alayo N.; Panniello A.; Striccoli M.; Curri M.L.; Pérez-Murano F.
Microelectronic engineering 88 (2011): 2439–2443.
<http://www.cnr.it/prodotto/i/40685>

info:cnr-pdr/source/autori:Alayo N., Panniello A., Striccoli M., Curri M.L.,Pérez-Murano F./titolo:“Towards individual electrical contact of nanoparticles in nanocomposites”/

28)-Crystalline, mobile amorphous and rigid amorphous fractions in poly(L-lactic acid) by TMDSC

Righetti M.C.; Tombari E.subjectthree-phase modelsubjectcrystalline fractionssubjectrigid amorphous fractionssubjectmobile amorphous fractionssubjectchain mobility

522 (2011): 118–127.

<http://www.cnr.it/prodotto/i/40692>

info:cnr-pdr/source/autori:Righetti M.C., Tombari E./titolo:Crystalline, mobile amorphous and rigid amorphous fractions in poly(L-lactic acid) by TMDSC/

29)-Thermodynamic study of (heptane plus amine) mixtures. II Excess and partial molar volumes at 298.15 K

Lepori L.; Gianni P.; Spanedda A.; Matteoli E.subjectdensitysubjectexcess volumessubjectpartial molar volumessubjectheptanesubjectamine

Journal of Chemical Thermodynamics 43 (2011): 805–813.

<http://www.cnr.it/prodotto/i/40693>

info:cnr-pdr/source/autori:Lepori L., Gianni P., Spanedda A., Matteoli E./titolo:Thermodynamic study of (heptane plus amine) mixtures. II Excess and partial molar volumes at 298.15 K/

30)-The Influence of the Composition of an Aqueous-Acetone Solvent on the Thermodynamic Characteristic of Complex Formation of 18-Crown-6 Ether with Glycine

Usacheva T.R.; Kuz'mina I.A.; Sharnin V.A.; Chernov I.V.; Matteoli E.subjectbinary solventssubjectglycinesubjectcomplex formationsubjectthermodynamicssubjectenthalpy

Russian journal of physical chemistry 85 (2011): 948–951.

<http://www.cnr.it/prodotto/i/40694>

info:cnr-pdr/source/autori:Usacheva T.R., Kuz'mina I.A., Sharnin V.A., Chernov I.V., Matteoli E./titolo:The Influence of the Composition of an Aqueous-Acetone Solvent on the Thermodynamic Characteristic of Complex Formation of 18-Crown-6 Ether with Glycine/

31)-Thermodynamic study of heptane + secondary, tertiary and cyclic amines mixtures. Part IV. Excess and solvation enthalpies at 298.15 K

Matteoli E.; Gianni P.; Lepori L.subjectexcess enthalpysubjectmixturesubjectaminesubjectheptanesubjectsolvation

Fluid phase equilibria 306 (2011): 234–241.

<http://www.cnr.it/prodotto/i/40695>

info:cnr-pdr/source/autori:Matteoli E., Gianni P., Lepori L./titolo:Thermodynamic study of heptane + secondary, tertiary and cyclic amines mixtures. Part IV. Excess and solvation enthalpies at 298.15 K/

32)-Thermodynamic study of (heptane + amine) mixtures. III: Excess and partial molar volumes in mixtures with secondary, tertiary, and cyclic amines at 298.15 K

Lepori L.; Gianni P.; Spanedda A.; Matteoli E.subjectdensitysubjectexcess volumessubjectpartial molar volumessubjectheptanesubjectamine

Journal of Chemical Thermodynamics 43 (2011): 1453–1462.

<http://www.cnr.it/prodotto/i/40696>

info:cnr-pdr/source/autori:Lepori L., Gianni P., Spanedda A., Matteoli E./titolo:Thermodynamic study of (heptane + amine) mixtures. III: Excess and partial molar volumes in mixtures with secondary, tertiary, and cyclic amines at 298.15 K/

33)-Direct nanomechanical measurement of layer thickness and compressibility of smectic liquid crystals

Carbone G.; Zappone B.; Barberi R.; Bartolino R.; Musevic I.M.

Physical review. E, Statistical, nonlinear, and soft matter physics (Print) 83 (2011): 051707.

<http://www.cnr.it/prodotto/i/40697>

info:cnr-pdr/source/autori:Carbone G., Zappone B., Barberi R., Bartolino R., Musevic I.M./titolo:Direct nanomechanical measurement of layer thickness and compressibility of smectic liquid crystals/

34)-Self-ordered arrays of linear defects and virtual singularities in thin smectic-A films

Zappone B.; Lacaze E.; Ayeb H.; Goldmann M.; Barois P.; Alba M.

Soft matter (Print) 7 (2011): 1161–1167.

<http://www.cnr.it/prodotto/i/40698>

info:cnr-pdr/source/autori:Zappone B., Lacaze E., Ayeb H., Goldmann M., Barois P., Alba M./titolo:Self-ordered arrays of linear defects and virtual singularities in thin smectic-A films/

35)-Dispersed and Encapsulated Gain Medium in Plasmonic Nanoparticles: a Multipronged Approach to Mitigate Optical Losses

De Luca A.; Grzelczak M.P.; Pastoriza-Santos I.; Liz-Marzà L. M.; La Deda M.; Striccoli M.; Strangi G.

ACS nano 5 (2011): 5823.

<http://www.cnr.it/prodotto/i/40699>

info:cnr-pdr/source/autori:De Luca A., Grzelczak M.P., Pastoriza-Santos I., Liz-Marzà L. M., La Deda M., Striccoli M., Strangi G./titolo:Dispersed and Encapsulated Gain Medium in Plasmonic Nanoparticles: a Multipronged Approach to Mitigate Optical Losses/

36)-Gain induced optical transparency in metamaterials

Strangi G.; De Luca A.; Ravaine S.; Ferrie M.; Bartolino R.

Applied physics letters 98 (2011): 251912.

<http://www.cnr.it/prodotto/i/40700>

info:cnr-pdr/source/autori:Strangi G., De Luca A., Ravaine S., Ferrie M., Bartolino R./titolo:Gain induced optical transparency in metamaterials/

37)-Blue-shifted random-laser-mode selection in gain-assisted anisotropic complex fluids

Veltri A.; Infusino M.; Ferjani S.; De Luca A.; Strangi G.

83 (2011): 041711.

<http://www.cnr.it/prodotto/i/40701>

info:cnr-pdr/source/autori:Veltri A., Infusino M., Ferjani S., De Luca A., Strangi G./titolo:Blue-shifted random-laser-mode selection in gain-assisted anisotropic complex fluids/

38)-Cyclometalated Pt(IV) trans-diiodo adducts: experimental and computational studies within an homologous series of compounds

La Deda, M; Crispini, A; Aiello, I; Ghedini, M; Amati, M; Belviso, S; Lelj, F

Dalton transactions (2003. Print) 40 (2011): 5259–5270.

<http://www.cnr.it/prodotto/i/40702>

info:cnr-pdr/source/autori:La Deda, M; Crispini, A ; Aiello, I; Ghedini, M; Amati, M; Belviso, S; Lelj, F/titolo:Cyclometalated Pt(IV) trans-diiodo adducts: experimental and computational studies within an homologous series of compounds/

39)-2,2 '-Biquinolines as test pilots for tuning the colour emission of luminescent mesomorphic silver(I) complexes

Pucci, D; Crispini, A; Ghedini, M; Szerb, EI; La Deda, M

Dalton transactions (2003. Print) 40 (2011): 4614–4622.

<http://www.cnr.it/prodotto/i/40703>

info:cnr-pdr/source/autori:Pucci, D; Crispini, A; Ghedini, M; Szerb, EI; La Deda, M/titolo:2,2 '-Biquinolines as test pilots for tuning the colour emission of luminescent mesomorphic silver(I) complexes/

40)-Liaisons between photoconductivity and molecular frame in organometallic Pd(II) and Pt(II) complexes

Ghedini, M; Golemme, A; Aiello, I; Godbert, N; Termine, R; Crispini, A; La Deda, M; Lelj, F; Amati, M; Belviso, S

Journal of materials chemistry (Print) 21 (2011): 13434–13444.

<http://www.cnr.it/prodotto/i/40704>

info:cnr-pdr/source/autori:Ghedini, M; Golemme, A; Aiello, I; Godbert, N; Termine, R; Crispini, A; La Deda, M; Lelj, F; Amati, M; Belviso, S/titolo:Liaisons between photoconductivity and molecular frame in organometallic Pd(II) and Pt(II) complexes/

41)-Self-incorporation of a luminescent neutral iridium(III) complex in different mesoporous micelle-templated silicas

Aiello, D; Talarico, AM; Teocoli, F; Szerb, EI; Aiello, I; Testa, F; Ghedini, M

New journal of chemistry (1987) 35 (2011): 141–148.

<http://www.cnr.it/prodotto/i/40705>

info:cnr-pdr/source/autori:Aiello, D; Talarico, AM; Teocoli, F; Szerb, EI; Aiello, I; Testa, F; Ghedini, M/titolo:Self-incorporation of a luminescent neutral iridium(III) complex in different mesoporous micelle-templated silicas/

42)-High Charge Mobility in Discotic Liquid-Crystalline Triindoles: Just a Core Business?

Garcia-Frutos, EM; Pandey, UK; Termine, R; Omenat, A; Barbera, J; Serrano, JL; Golemme, A; Gomez-Lor, B

Angewandte Chemie International Edition 50 (2011): 7399–7402.

<http://dx.doi.org/10.1002/anie.201005820>

43)-Charge photogeneration and transport in side-chain carbazole polymers and co-polymers

Li, HW; Termine, R; Godbert, N; Angiolini, L; Giorgini, L; Golemme, A

Organic electronics (Print) 12 (2011): 1184–1191.

<https://dx.doi.org/10.1021/cm8034664>

44)-Universal soft matter template for photonic applications

De Sio L.; Ferjani S.; Strangi G. Umeton C.; Bartolino; R.

Soft matter (Print) 7 (2011): 3739.

<http://www.cnr.it/prodotto/i/40708>

info:cnr-pdr/source/autori:De Sio L., Ferjani S., Strangi G. Umeton C., Bartolino, R./titolo:Universal soft matter template for photonic applications/

45)-Mesogenic versus non-mesogenic azo dye confined in a soft-matter template for realization of optically switchable diffraction gratings

De Sio L.; Serak S.; Tabiryan N.; Umeton C.

Journal of materials chemistry (Print) 21 (2011): 6811.

<http://www.cnr.it/prodotto/i/40710>

info:cnr-pdr/source/autori:De Sio L., Serak S., Tabiryan N., Umeton C./titolo:Mesogenic versus non-mesogenic azo dye confined in a soft-matter template for realization of optically switchable diffraction gratings/

46)-HOLOGRAPHIC GRATING DESIGNED FOR THE STABILITY CONTROL OF AN ACTIVE INTERFEROMETRIC SETUP

De Sio L.; Veltri A.; Umeton C.

20 (2011): 15.

<http://www.cnr.it/prodotto/i/40711>

info:cnr-pdr/source/autori:De Sio L., Veltri A., Umeton C./titolo:HOLOGRAPHIC GRATING DESIGNED FOR THE STABILITY CONTROL OF AN ACTIVE INTERFEROMETRIC SETUP/

47)-Ordered interfaces for dual easy axes in liquid crystals

Lacaze E; Apicella, De Santo MP, Coursault D , Alba M; Goldmann M., Barberi R

Soft matter (Print) 7 (2011): 1078–1083.

<http://www.cnr.it/prodotto/i/40712>

info:cnr-pdr/source/autori:Lacaze E; Apicella, De Santo MP, Coursault D , Alba M; Goldmann M., Barberi R/titolo:Ordered interfaces for dual easy axes in liquid crystals/

48)-Optical Performance of the Cornea Six Years following Photorefractive Keratectomy for Myopia

Serrao S; Lombardo G; Ducoli P; Lombardo MsubjectWAVE-FRONT ABERRATIONSsubjectIN-SITU KERATOMILEUSISsubjectEXCIMER-LASERsubjectSPHERICAL-ABERRATION

Investigative ophthalmology & visual science 52 (2011): 846–857.

<https://dx.doi.org/10.1167/iovs.10-5905>

49)-In situ polarized micro-Raman investigation of periodic structures realized in liquid-crystalline composite materials

Castriota M.; Fasanella A.; Cazzanelli E.; De Sio L.; Caputo R.; Umeton C.

Optics express 19 (2011): 10494.

<http://www.cnr.it/prodotto/i/40715>

info:cnr-pdr/source/autori:Castriota M., Fasanella A., Cazzanelli E., De Sio L., Caputo R., Umeton C./titolo:In situ polarized micro-Raman investigation of periodic structures realized in liquid-crystalline composite materials/

50)-Anisotropy of Spatiotemporal Decorrelation in Electrohydrodynamic Turbulence

Carbone F; Sorriso-Valvo L; Versace C; Strangi G; Bartolino R

Physical review letters (Print) 106 (2011): 114502.

<http://www.cnr.it/prodotto/i/40716>

info:cnr-pdr/source/autori:Carbone F, Sorriso-Valvo L, Versace C, Strangi G, Bartolino R/titolo:Anisotropy of Spatiotemporal Decorrelation in Electrohydrodynamic Turbulence/

51)-Magnus force effect in optical manipulation

Cipparrone G.; Hernandez R.J.; Pagliusi P.; Provenzano C.

Physical review. A 84 (2011): 015802.

<http://www.cnr.it/prodotto/i/40724>

info:cnr-pdr/source/autori:Cipparrone G., Hernandez R.J., Pagliusi P., Provenzano C./titolo:Magnus force effect in optical manipulation/

52)-Temperature Dependence of Order Reconstruction

CIUCHI F; BARBERI R

549 (2011): 37–42.

<http://www.cnr.it/prodotto/i/40725>

info:cnr-pdr/source/autori:CIUCHI F, BARBERI R/titolo:Temperature Dependence of Order Reconstruction/

53)-Effect of Solvation on the Thermodynamics of the Formation of Molecular Complexes of 18Crown6 Ether with Glycine in Water–Dimethylsulfoxide Solutions

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

Russian journal of physical chemistry 85 (2011): 1989–1902.

<http://www.cnr.it/prodotto/i/40726>

info:cnr-pdr/source/autori:Usacheva T.R, Sharnin V.A., and Matteoli E./titolo:Effect of Solvation on the Thermodynamics of the Formation of Molecular Complexes of 18Crown6 Ether with Glycine in Water–Dimethylsulfoxide Solutions/

- 54)-Early stage aggregation of human serum albumin in the presence of metal ions**
Stirpe A.; Pantusa M.; Rizzuti B.; Sportelli L.; Bartucci R.; Guzzi R. subject Human serum albumin subject metal ions subject thermal aggregation
International journal of biological macromolecules 49 (2011): 337–342.
<https://dx.doi.org/10.1016/j.ijbiomac.2011.05.011>
- 55)-Effect of Confinement on Structural Relaxation in Ultrathin Polymer Films Investigated by Local Dielectric Spectroscopy**
Nguyen, H.; Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.; Rolla, P.
Macromolecules (Print) 44 (2011): 6588.
<http://www.cnr.it/prodotto/i/40729>
info:cnr-pdr/source/autori:Nguyen, H.; Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.; Rolla, P./titolo:Effect of Confinement on Structural Relaxation in Ultrathin Polymer Films Investigated by Local Dielectric Spectroscopy/
- 56)-Carbon based materials for electronic biosensing**
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85)-Manipulation and Raman Spectroscopy with Optically Trapped Metal Nanoparticles Obtained by Pulsed Laser Ablation in Liquids

Messina, E; Cavallaro, E; Cacciola, A; Saija, R; Borghese, F; Denti, P; Fazio, B; D'Andrea, C; Gucciardi, PG; Iati, MA; Meneghetti, M; Compagnini, G; Amendola, V; Marago, OMsubjectoptical trappingsubjectcolloidal nanoparticlessubjectlaser ablationsubjectsers

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86)-Plasmon-Enhanced Optical Trapping of Gold Nanoaggregates with Selected Optical Properties

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87)-Size-Scaling in Optical Trapping of Silicon Nanowires

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95)-Fano-Doppler laser cooling of hybrid nanostructures

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96)-Variations in the work function of doped single- and few-layer graphene assessed by Kelvin probe force microscopy and density functional theory

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97)-Isotope Quantum Effects on the Water Proton Mean Kinetic Energy

Giuliani A.; Bruni F.; Ricci M. A.; Adams M. A.subjectINELASTIC NEUTRON-SCATTERINGsubjectMOMENTUM DISTRIBUTION

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Pietropaolo, A [1,2]; Andreani, C [1,2]; Rebai, M [3,4]; Giacomelli, L [3,4]; Gorini, G [3,4]; Cippo, EP [3,4]; Tardocchi, M [5]; Fazzi, A [6]; Rinati, GV [7]; Verona, C [7]; Marinelli, M [7]; Milani, E [7]; Frost, CD [8]; Schooneveld, EM [8]subjectCHEMICAL-VAPOR-DEPOSITIONsubjectEFFICIENCY TIME

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99)-Tungsten trioxide (WO_{3-x}) nanoparticles prepared by pulsed laser ablation in water

Barreca F.; Acacia N.; Spadaro S.; Currò G.; Neri F.subjectGAS-SENSINGsubjectTHIN-FILMSsubjectSOL-GEL

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100)-Critical composition of reduced pure-LiNbO(3) crystals: A sudden change in optical properties

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101)-Pressure-Induced Polyamorphism in Salty Water

Bove L. E.; Klotz S.; Philippe J.; Saitta A. M.)subjectAMORPHOUS ICESsubjectLIQUID TRANSITION

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102)-Non destructive neutron diffraction measurements of cavities, inhomogeneities, and residual strain in bronzes of Ghiberti's relief from the Gates of Paradise

Festa G.; Senesi R.; Alessandrini M.; Andreani C.; Vitali G.; Porcinai S.; Giusti A. M.; Materna T.; Paradowska A. M.

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103)-Atomically resolved surface structures of vapor deposited amorphous silicon-carbon alloys: An atomic force microscopy and spectroscopic study

Barletta E.; Fazio E.; Neri F.; Wandelt K.subjectPULSED-LASER ABLATIONsubjectHETEROEPITAXIAL GROWTH

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104)-All-optical technique to measure the pyroelectric coefficient in electro-optic crystals

Parravicini J.; Safioui J.; Degiorgio V.; Minzioni P.; Chauvet M.subjectLITHIUM-NIOBATEsubjectBIREFRINGENCE

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105)-Structural study of low concentration LiCl aqueous solutions in the liquid, supercooled, and hyperquenched glassy states

Winkel K.; Seidl M.; Loerting T.; Bove L. E.; Imberti S.; Molinero V.; Bruni F.; Mancinelli R.; Ricci M. A.subjectRADIAL-DISTRIBUTION FUNCTIONSsubjectWATER-STRUCTURE

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106)-Imaging of cultural heritage objects using neutron resonances

Cippo, EP [1,2]; Borella, A [3]; Gorini, G [1,2]; Kockelmann, W [4]; Moxon, M; Postma, H [5]; Rhodes, NJ [4]; Schillebeeckx, P [3]; Schoonenveld, EM [4]; Tardocchi, M [6]; Dusz, K [7]; Hajnal, Z [7]; Biro, K [7]; Porcinai, S [8]; Andreani, C [9,10]; Festa, G [9,10]subjectNONDESTRUCTIVE ANALYSIS

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107)-Low temperature specific heats of permanently densified glassy GeO(2)

Carini G. Jr.; Carini G.; D'Angelo G.; Tripodo G.; Orsingher L.; Fontana A.subjectTHERMAL-CONDUCTIVITYsubjectBOSON PEAK

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108)-Interaction of single water molecules with silanols in mesoporous silica

Pantalei C.; Senesi R.; Andreani C.; Sozzani P.; Comotti A.; Bracco S.; Beretta M.; Sokol P.E.; Reiter G.subjectINELASTIC NEUTRON-SCATTERINGsubjectSUPERCOOLED WATER

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109)-Recrystallization processes in cold-crystallized poly(ethylene terephthalate): Interplay between structure evolution and conformational relaxation

A. Flores; F.J. Baltá-Calleja; G. Di Marco; S. Sturniolo; M. Pieruccini subject Crystallization; Mechanical response; Statistical mechanics

Polymer (Guildford) 52 (2011): 3155–3162.

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110)-Effects of a short length alcohol on the dimyristoylphosphatidylcholine system

S. Rifichi; C. Crupi; G. D'Angelo; G. Di Marco; G. Sabatino; V. Conti Nibali; A. Trimarchi; U. Wanderlingh

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133)-Statistical mechanical approach to secondary processes and structural relaxation in glasses and glass formers

Crisanti, A. (1,2); Leuzzi, L. (2,3); Paoluzzi, M. (3,4)subjectMEAN-FIELD-THEORYsubjectBETA-RELAXATIONsubjectVISCOUS-LIQUIDSsubjectSPIN-GLASSESsubjectSUPERCOOLED LIQUIDS

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141)-Non-Gaussian diffusion Imaging: a brief practical review

Silvia De Santis (a,b); Andrea Gabrielli (a,c); Marco Palombo (a); Bruno Maraviglia (d,e);
Silvia Capuani (a,f)subjectWater diffusionsubjectAnomalous diffusionsubjectNon-Gaussian
diffusionsubjectStretched-exponential model
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142)-Electro-osmotic flows under nanoconfinement: a self-consistent approach

Melchionna, S.; Marini Bettolo Marconi, U.subjectelectro-osmosissubjectnanoconfinement
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theorysubjectnano spaces

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145)-Incorporation of smooth spherical particles in the Lattice Boltzmann method

Melchionna; S.subjectlattice Boltzmannsubjectssuspended bodies

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147)-Multicomponent diffusion in nanosystems

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148)-Silicon carbonate phase formed from carbon dioxide and silica under pressure

Mario Santoro^a; b; 1; Federico Gorellia; b; Julien Hainesc; Olivier Cambonc; Claire Levelutd; Gaston Garbarinoe

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149)-Optical and electronic properties of dense sodium

Miriam Marqués¹; Mario Santoro²; 3; Christophe L. Guillaume¹; Federico A. Gorelli²; 3; Julia Contreras-García⁴; Ross T. Howie¹; Alexander F. Goncharov⁵; Eugene Gregoryanz¹

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150)-Pressure behaviour of the sound velocity of liquid water at room temperature in the terahertz regime

M. Santoro; 1; 2; * F. A. Gorelli; 1; 2 T. Scopigno; 2; 4 M. Krisch; 3 F. Sette; 3; G. Ruocco2; 4

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151)-Enhanced mechanical strength of zeolites by adsorption of guest molecules

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153)-Polarization gratings allow for real-time and artifact-free circular dichroism measurements

Pagliusi P.; Lepera E.; Provenzano C.; Mazzulla A.; Cipparrone G.subjectLIQUID-CRYSTAL; DIFFRACTION EFFICIENCY; BIREFRINGENCE; MODULATION; CHIRALITY

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154)-Exploring unconventional capabilities of holographic tweezers

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155)-Universal soft matter template: from photonic to metamaterial applications

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156)-Metallic subentities embedded in micro-periodic composite structure

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157)-Lo strano caso del citocromo c

Trotta M.; Ceci L.; Giannattasio S.subjectProteine
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158)-Come si ripara un vaso rotto

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77 (2011): 78–79.

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159)-La proteina per trasporti eccezionali

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77 (2011): 84–85.

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160)-La tossina del vibrione

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161)-SPECTRAL DEPENDENCE OF THE AMPLIFICATION FACTOR IN SURFACE ENHANCED RAMAN SCATTERING

D'Andrea, C.; Fazio, B.; Irrera, A.; Artoni, P.; Marago, O.M.; Calogero, G.; Gucciardi, P.G.
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162)-SURFACE ENHANCED RAMAN SPECTROSCOPY OF BIOMOLECULES IN BUFFER SOLUTION

Fazio, B.; D'Andrea, C.; Villari, V.; Micali, N.; Marago, O.M.; Calogero, G.; Gucciardi P.G. *Atti della Accademia Peloritana dei Pericolanti. Classe di Scienze Fisiche, Matematiche e Naturali (Online) 89S1 (2011).*

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163)-STRONGLY POLARIZED SCATTERING IN SURFACE ENHANCED RAMAN SPECTROSCOPY OF RANDOMLY DISTRIBUTED MOLECULES ON GOLD NANOWIRES

Fazio, B.; Gucciardi, P.G.; D'Andrea, C.; Irrera, A.; Boanccorso, F.; Calogero, G.; Vasi, C.; Allegrini, M.; Toma, A.; Chiappe, D.; Martella, Ch.; Buatier de Mongeot, F.subjectRamansubjectSpectroscopy

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164)-Modeling Galactic extinction

Cecchi-Pestellini C.; Mulas G.; Casu S.; Iati M. A.; Saija R.; Cacciola A.; Borghese F.; Denti P.

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165)-Optical trapping of carbon nanotubes and graphene

Vasi S.; Monaca M. A.; Donato M. G.; Bonaccorso F.; Privitera G.; Trushkevych O.; Calogero G.; Fazio B.; Irrera A.; Iati M. A.; Saija R.; Denti P.; Borghese F.; Jones P. H.; Ferrari A. C.; Gucciardi P. G.; Marago O. M.

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166)-Liquid crystal bubbles forming a tunable micro-lenses array

R.Hamdi; G.Petriashvili; G.Lombardo; MP. De Santo; R.Barberis
subjectCholesteric liquid crystals
subjectlens
subjectelectro-optics

Journal of applied physics (online) 110 (2011): 07492-1–07492-6.

<https://dx.doi.org/10.1063/1.3642972>

167)-“Microwave absorption properties of gold nanoparticle doped polymers”

Jiang C.; Ouattara L.; Ingrosso C.; Curri M. L.; Krozer V.; Boisen A.; Jakobsen M. H.; Johansen T. K.

Solid-state electronics 57 (2011): 19–22.

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168)-“Bio-functionalization of anisotropic nanocrystalline semiconductor-magnetic heterostructures”

Depalo N.; Carrieri P.; Comparelli R.; Striccoli M.; Agostiano A.; Bertinetti L.; Innocenti C.; Sangregorio C.; Curri M.L.
subjectIRON-OXIDE NANOPARTICLES
subjectANATASE TIO2
subjectNANOCRYSTALS
subjectQUANTUM DOTS
subjectPHOTOCATALYTIC ACTIVITY
subjectSHAPE CONTROL

Langmuir 27 (2011): 6962–6970.

<https://dx.doi.org/10.1021/la200822b>

169)-Towards a mesoscopic model of water-like fluids with hydrodynamic interactions

Mazzitelli I.; Venturoli M.; Melchionna S.; Succi S.
subjectwater modelings
subjectlattice Boltzmann

Journal of chemical physics online 135 (2011): 124902.

<http://www.cnr.it/prodotto/i/168155>

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170)-Plasma Deposited Electrocatalytic Films with Controlled Content of Pt Nanoclusters

Dilonardo E.; Milella A.; Cosma P.; d’Agostino R.; Palumbo F.

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171)-Photocatalytic activity of nanocomposite catalyst films based on nanocrystalline metal/semiconductors

Petronella F.; Fanizza E.; Mascolo G.; Locaputo V.; Bertinetti L.; Martra G.; Coluccia S.; Agostiano A.; Curri M. L.; Comparelli R.subjectPhotocatalysis

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172)-Melting temperature evolution of non-reorganized crystals. Poly(3-hydroxybutyrate)

Righetti M.C.; Di Lorenzo M.L.subjectSuperheatingsubjectThermal lagsubjectReorganizationsubjectsuperheatingsubjectthermal lagsubjectreorganization

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173)-Three-band decomposition analysis of wall shear stress in pulsatile flows

Gizzi, A.; Bernaschi, M.; Bini, D.; Cherubini, C.; Filippi, S.; Melchionna, S.; Succi, S.subjectendothelial shear stresssubjecthemodynamics

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174)-Translocation of biomolecules through solid-state nanopores: theory meets experiments

Fyta, M.; Melchionna, S.; Succi, S.subjectDNA translocation

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175)-Femtosecond stimulated Raman spectrometer in the 320-520nm range

Pontecorvo, E.; Kapetanaki, S.M.; Badioli, M.; Brida, D.; Marangoni, M.; Cerullo, G.; Scopigno, T.

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176)-Synthesis and characterization of new copolyacrylates containing porphyrin units as pendant groups and their use as sensors

S. Datilo; P. Mineo; E. Scamporrino; E. Spina; D. Vitalini

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177)-Morphological and structural aspects of the extremely halophilic archaeon Haloquadratum walsbyi

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178)-The photosynthetic membrane proteome of Rhodobacter sphaeroides R-26.1 exposed to cobalt

Italiano F; D'Amici GM; Rinalducci S; De Leo F; Zolla L; Gallerani R; Trotta M; Ceci LR.subjectRhodobacter sphaeroides; Bioremediation; Intracytoplasmic membrane; Blue native PAGE; Proteomics

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Lin N.; Santoro F.; Zhao X.; Toro C.; De Boni L.; Hernandez F. E.; Rizzo A.subjecttwo-photonsubjectcircular dichroismsubjectBinaphtholsubjectTD-DFT

The journal of physical chemistry. B 115 (2011): 811–824.

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180)-Supramolecular chirality transfer to large random aggregates of porphyrins

Ilaria Occhiuto; Giovanna De Luca; Valentina Villari; Andrea Romeo; Norberto Micali; Robert F. Pasternack; Luigi Monsù Scolaro

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181)-Optical Enhancement and Structural Properties of a Hybrid Organic-Inorganic Ternary Nanocomposite

Valentina Villari; Antonino Mazzaglia; Mariachiara Trapani; Maria Angela Castriciano; Giovanna De Luca; Andrea Romeo; Luigi Monsù Scolaro; Norberto Micali

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182)-A Cast-Mold Approach to Iron Oxide and Pt/Iron Oxide Nanocontainers and Nanoparticles with a Reactive Concave Surface

George, Chandramohan; Dorfs, Dirk; Bertoni, Giovanni; Falqui, Andrea; Genovese, Alessandro; Pellegrino, Teresa; Roig, Anna; Quarta, Alessandra; Comparelli, Roberto; Curri, M. Lucia; Cingolani, Roberto; Manna, Liberato

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183)-Effective cell uptake of nanoassemblies of a fluorescent amphiphilic cyclodextrin and an anionic porphyrin

A. Mazzaglia; A. Valerio; N. Micali; V. Villari; F. Quaglia; M. A. Castriciano; L. Monsù Scolaro; M. Giuffrè; G. Siracusano; M. T. Sciortino

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Fazio E.; Neri F.; Ruggeri R.; Sabatino G.; Trusso S.; Mannino G.

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185)-Optical interrogation system based on holographic soft matter filter

D. Donisi 1; L. De Sio 2; R. Beccherelli 1; M. A. Caponero 3; A. d'Alessandro 4; C. Umeton 2

Applied physics letters 98 (2011): 151103.

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186)-Resonance modes filtering in structured X-ray waveguides

I. Bukreeva; A. Cedola; A. Sorrentino; D. Pelliccia; I. Asadchikov; S. Lagomarsino

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187)-Thiophene Based Europium beta-Diketonate Complexes: Effect of the Ligand Structure on the Emission Quantum Yield

Freund C.; Porzio W.; Giovanella U.; Vignali F.; Pasini M.; Destri S.; Mech A.; Di Pietro S.; Di Bari L.; Mineo P.subjectEu complexsubjectLuminescence quenchingsubjectEu-H distance
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188)-Scaling the Chirality in Porphyrin J-nanoaggregates

Mariangela Castriciano; Andrea Romeo; Giovanna De Luca; Valentina Villari; Luigi Monsù Scolaro; Norberto Micali

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189)-Spectroscopic Investigation and Molecular Modeling on Porphyrin/PAMAM Supramolecular Adduct

Maria Angela Castriciano; Andrea Rome; Nicola Angelini; Norberto Micali; Salvatore Guccione; Luigi Monsù Scolaro

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190)-Chiral Self-Assembled Solid Microspheres: A Novel Multifunctional Microphotonic Device

Cipparrone G.; Mazzulla A.; Pane A.; Hernandez R.; Bartolino R.subjectchiral materialssubjectcolloidsubjectoptical tweezerssubjectmicrolasers

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191)-Compatible blends of biorelated polyesters through catalytic transesterification in the melt

Maria-Beatrice Coltelli a,b,*; Claudio Toncelli a; Francesco Ciardelli a,b; Simona Bronco csubjectBiodegradable polyesterssubjectReactive blendingsubjectTransesterificationsubjectPoly(lactide)subjectPoly(butylene adipate-co-terephthalate)

Polymer degradation and stability 96 (2011): 982–990.

<https://dx.doi.org/10.1016/j.polymdegradstab.2011.01.028>

192)-Colour responsive smart polymers and biopolymers films through nanodispersion of organic chromophores and metal particles

Andrea Pucci a,b,c, Giacomo Ruggeri a,c,d; Simona Bronco d,c; Francesca Signori d,c; Filippo Donati a; Marco Bernabò a; Francesco Ciardelli a,d,*subjectPolymerssubjectFilms. Optical responsesubjectSmart materialssubjectStimulated light emission

Progress in organic coatings (Print) 72 (2011): 21–25.

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193)-Radical functionalization of poly(butylene succinate-co-adipate): Effect of cinnamic co-agents on maleic anhydride grafting

Francesca Signori a,b,*; Marco Badalassi c; Simona Bronco a; Francesco Ciardelli
dsubjectFunctional biodegradable polyesterssubjectRadical graftingsubjectMAH
graftingsubjectcinnamic co-agent

Polymer (Guildford) 52 (2011): 4656–4663.

<https://dx.doi.org/10.1016/j.polymer.2011.08.045>

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Pasquazi, A (1); Peccianti, M (1,2); Park, Y (1); Little, BE (3); Chu, ST (3); Morandotti, R
(1); Azana, J (1); Moss, DJ (4)subjectELECTRIC-FIELD RECONSTRUCTION; SPECTRAL
INTERFEROMETRY; SHEARING INTERFEROMETRYsubjectULTRASHORT
PULSESsubjectINTEGRATED OPTICS

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195)-Optical trapping of porous silicon nanoparticles

M. G. Donato; M. A. Monaca; G. Faggio; L. De Stefano; P. H. Jones; P. G. Gucciardi; O. M.
Marago'subjectoptical trappingsubjectporous silicon nanoparticlessubjectcylindrical vector
beamssubjectradial polarization

Nanotechnology (Bristol. Print) 22 (2011): 505704.

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G. Gilardi; L. De Sio; R. Beccherelli; R. Asquini; A. d'Alessandro; C.
UmetonsubjectIntegrated optics devicessubjectLiquid crystalssubjectAll-optical devices

Optics letters 36 (2011): 4755–4757.

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197)-PiBrED--A novel bragg edge detector for neutrons

V. Finocchiaro a; b; F. Aliotta b; D. Tresoldi b; R.C. Ponterio b; C.S. Vasi b; G. Salvato b;
nsubjectNeutron detectorssubjectBragg edge detectorssubjectEnergy selective neutron imaging

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detectors and associated equipment (Online)* 659 (2011): 383–386.

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198)-Biotic and inorganic control on travertine deposition at Bullicame 3 spring (Viterbo, Italy): A multidisciplinary approach

Di Benedetto F; Montegrossi G; Minissale A; Pardi L; Romanelli M; Tassi F; Huertas AD;
Pampin EM; Vaselli O; Borrini D

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200)-Structural changes and elastic characteristics of permanently densified vitreous B2O3

Giovanni Carini Jr.; Edmondo Gilioli; Gaspare Tripodo; Cirino Vasi
subject78.30.Lysubject63.50.Lm

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D'Angelo G.; Crupi C.; Carini G.; Vasi C.
subjectBOSON PEAKsubjectTHERMAL-CONDUCTIVITYsubjectCRYSTAL-STRUCTUREsubjectSCATTERINGsubjectFRAGILITY

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202)-Subwavelength optical spatial solitons and three-dimensional localization in disordered ferroelectrics: Toward metamaterials of nonlinear origin

C. Conti (1,2); A. J. Agranat (3); E. DelRe (4)
subjectoptical spatial solitons

Physical review. A 84 (2011): 043809–4.

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203)-Diffraction cancellation over multiple wavelengths in photorefractive dipolar glasses

J. Parravicini (1,2); F. Di Mei (3); C. Conti (4); A. J. Agranat (5); E. DelRe (1,2)
subjectOPTICAL

DIFFRACTIONsubjectSOLITONSsubjectFERROELECTRICSsubjectTRANSMISSIONsubjectIMAGES

Optics express 19 (2011): 24109–24114.

<https://dx.doi.org/10.1364/OE.19.024109>

204)-Paramagnetic Tunneling Systems and Their Contribution to the Polarization Echo in Glasses

Borisenko, A. (1,2); Jug, G. (2,3,4)

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205)-Collective acoustic modes in liquids: A comparison between the generalized-hydrodynamics and memory-function approaches

Aliotta F.; Gapinski J.; Pochylski M.; Ponterio R. C.; Saija F.; Vasi C.

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206)-THz-Waves Channeling in a Monolithic Saddle-Coil for Dynamic Nuclear Polarization enhanced NMR

Macor, A; de Rijk, E; Annino, G; Alberti, S; Ansermet, J-Ph

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207)-Virtual Experiments by Pulse Heating Techniques: Cylindrical Tungsten Specimens

Bussolino, GC; Annino, G; Ferrari, C; Righini, F

International journal of thermophysics (Dordr., Online) 32 (2011): 2716–2726.

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208)-Optical trapping and optical binding using cylindrical vector beams

Skelton S.E.; Sergides M.; Patel R.; Karczewska E.; Marago O.M.; Jones P. H.

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209)-Tuning the structural and optical properties of gold/silver nanoalloys prepared by laser ablation in liquids for ultra-sensitive spectroscopy and optical trapping

Messina E.; D'Urso L.; Satriano C.; Fazio E.; Donato M. G.; Fazio B.; D'Andrea C.; Marago' O. M.; Gucciardi P.G.; Compagnini G.; Neri F.

Atti dell'Accademia Peloritana dei Pericolanti 89 (2011): C1V89S1P064.

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210)-Tocopherol speciation as first screening for the assessment of extra virgin olive oil quality by reversed-phase high-performance liquid chromatography/fluorescence detector

Chen Huilun [1,2,3]; Angiuli Marco [4]; Ferrari Carlo [5]; Tombari Elpidio [4]; Salvetti Giuseppe [4]; Bramanti Emilia [1]subjectAuthenticationsubjectAdulterationsubjectExtra virgin olive oilsubjectHPLCsubjectTocopherols
Food chemistry 125 (2011): 1423–1429.
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211)-Catalytic Wet Air Oxidation of p-Coumaric Acid over Carbon Nanotubes and Activated Carbon

Milone, Candida; Hameed, Abdul Rahim Shahul; Piperopoulos, Elpida; Santangelo, Saveria; Lanza, Maurizio; Galvagno, Signorino
Industrial & engineering chemistry research 50 (2011): 9043–9053.
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212)-On the CVD Growth of C Nanotubes Over Fe-Loaded Montmorillonite Catalysts

S Santangelo; E Piperopoulos; M Lanza; G Faggio; G Messina; C Milone
Nanomaterials and Nanotechnology 1 (2011): 32–41.
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213)-Polylactide and carbon nanotubes/smectite-clay nanocomposites: Preparation, characterization, sorptive and electrical properties

Santangelo, Saveria; Gorrasi, Giuliana; Di Lieto, Roberta; De Pasquale, Salvatore; Patimo, Giovanni; Piperopoulos, Elpida; Lanza, Maurizio; Faggio, Giuliana; Mauriello, Francesco; Messina, Giacomo; Milone, Candida
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214)-Synthesis and analysis of multi-walled carbon nanotubes/oxides hybrid materials for polymer composite applications

Piperopoulos, E.; Santangelo, S.; Lanza, M.; Faggio, G.; Messina, G.; Galvagno, S.; Pistone, A.; Milone, C.
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215)-Spatio-temporal anomalous diffusion in heterogeneous media by nuclear magnetic resonance

M. Palombo (1,2); A. Gabrielli (1,3); S. De Santis (1,2); C. Cametti (1); G. Ruocco (1,2); S. Capuani (1,2)subjectPowderssubjectDiffusion and thermal diffusionsubjectColloidssubjectPorous materials

The Journal of chemical physics 135 (2011): 034504.

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216)-Anisotropic Anomalous Diffusion assessed in the human brain by scalar invariant indices

De Santis S. (1,2); Gabrielli A. (1,3); Bozzali M. (2); Maraviglia B. (1,4); Macaluso E. (2); Capuani S. (1,5)subjectwater diffusionsubjectanomalous diffusionsubjectnongaussian diffusionsubjectstretched exponentialssubjectDTI

Magnetic resonance in medicine (Print) 65 (2011): 1043–1052.

<https://dx.doi.org/10.1002/mrm.22689>

217)-Debye to non-Debye scaling of the Boson peak dynamics: critical behavior and local disorder in vitreous germania

M. Zanatta; G. Baldi; S. Caponi; A. Fontana; C. Petrillo; F. Rossi; F. Sacchettisubjectboson systemssubjectDebye temperaturesubjectelastic constantssubjectgermanium compoundssubjectglass transition

The Journal of chemical physics 135 (2011): 174506-1.

<https://dx.doi.org/10.1063/1.3656697>

218)-Long-term corneal wavefront aberration variations after photorefractive keratectomy for myopia and myopic astigmatism

S. Serrao; G. Lombardo; P. Ducoli; M. LombardosubjectHIGHER-ORDER ABERRATIONSSubjectIN-SITU KERATOMILEUSISsubjectLASER REFRACTIVE SURGERYsubjectATOMIC-FORCE MICROSCOPY

Journal of cataract and refractive surgery 37 (2011): 1655–1666.

<https://dx.doi.org/10.1016/j.jcrs.2011.03.046>

219)-Long-term changes of the anterior cornea after photorefractive keratectomy for myopia and myopic astigmatism

M. Lombardo; G. Lombardo; P. Ducoli; S. Serraosubject10-YEAR FOLLOW-UPsubjectREFRACTIVE SURGERYsubjectABLATION DIAMETERsubjectCURVATUREsubjectSTROMA

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220)-Anion-Assisted Supramolecular Polymerization: From Achiral AB-Type Monomers to Chiral Assemblies

Capici; C.; Cohen; Y.; D'Urso; A.; Gattuso; G.; Notti; A.; Pappalardo; A.; Pappalardo; S.; Parisi; M.F.; Purrello; R.; Slovak; S.; Villari; V.

Angewandte Chemie (Int. ed., Print) 50 (2011): 11956–11961.

<https://dx.doi.org/10.1002/anie.201104357>

221)-Effect of polymerization on the boson peak, from liquid to glass

S. Caponi (a,b); S. Corezzi (c,d); D. Fioretto (c); A. Fontana (a,e); G. Monaco (f); F. Rossi (a,e)subjectGlass transitionssubjectPolymerizationssubjectRaman ScatteringsubjectVibrational density of state

Journal of non-crystalline solids 357 (2011): 530–533.

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222)-Effect of elastic properties modification on the vibrational density of states: A joint Brillouin and Raman scattering study

S. Caponi; S. Corezzi; D. Fioretto; A. Fontana; F. Rossisubjectdegree of polymerization (DP)subjectglass transitionssubjectRaman spectroscopysubjectresinsubjectviscoelastic propertis

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<https://dx.doi.org/10.1002/app.34780>

223)-Unravelling the detailed microstructure of a semiconducting (quasi-metal) soluble polymer incorporating conjugated thienylene methine sequences

P. Stagnaro; M. Panizza; A. Gandini; D. Prevosto; M. Lucchesi

Journal of polymer science. Part A, Polymer chemistry 49 (2011): 5227–5238.

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224)-Raman spectroscopic and low-temperature calorimetric investigation of the low-energy vibrational dynamics of hen egg-white lysozyme

Crupi; C.; D'Angelo; G.; Wanderlingh; U.; Vasi; C.subjectlow-frequency dynamicssubjectlysozymesubjectbiological materialssubjectboson peakssubjectcalorimetrysubjectRaman spectroscopysubjectspecific heatsubjectvibrational propertissubjectINELASTIC NEUTRON-SCATTERINGsubjectPROTEIN DYNAMICSsubjectGLASS-TRANSITIONsubjectHYDRATION

WATERsubjectMODESsubjectMOLECULESsubjectLIQUIDSsubjectHEAT

Philosophical magazine (2003, Print) 91 (2011): 1956–1965.

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Nguyen, Hung K.; Prevosto, Daniele; Labardi, Massimiliano; Capaccioli, Simone; Lucchesi, Mauro; Rolla, Pierangelo
Macromolecules (Print) 44 (2011): 6588–6593.
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226)-Ab initio study of excited state electronic circular dichroism. Two prototype cases: Methyl oxirane and R-(+)-1,1'-bi(2-naphthol)

Rizzo, Antonio; Vahtras, Olavsubjectab initio calculationssubjectcircular dichroismsubjectdensity functional theorysubjectelectron correlationssubjectexcited statessubjectHF calculationssubjectmolecular configurationssubjectmolecular electronic statessubjectmolecule-photon collisionssubjectoptical rotationssubjectorganic compoundssubjectphotoexcitationsubjectSCF calculationssubjecttime resolved spectra
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Pietro Calandra; Mikhail A. Kiselev; Domenico Lombardo
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230)-Application of phenomenological freezing and melting indicators to exp-6 and Gaussian core potentials

Khrapak S. V.; Saija F.subjectmelting and freezing; re-entrant melting; melting indicator; exp-6 potential; Gaussian core model
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232)-Anomalous melting and solid polymorphism of a modified inverse-power potential

Malescio G.; Prestipino S.; Saija F. subjectanomalous melting; solid polymorphism; hypernetted-chain approximation

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233)-Oxide nanocrystal based nanocomposites for fabricating photoplastic AFM probes

Ingresso, Chiara; Martin-Olmos, Cristina; Llobera, Andreu; Innocenti, Claudia; Sangregorio, Claudio; Striccoli, Marinella; Agostiano, Angela; Voigt, Anja; Gruetzner, Gabi; Brugger, Juergen; Perez-Murano, Francesc; Curri, Maria LuciasubjectHIGH-ASPECT-RATIOsubjectUV-CURABLE EPOXYsubjectFORCE MICROSCOPYsubjectSILICA NANOPARTICLESsubjectMEMS APPLICATIONS

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234)-Strongly polarized scattering in surface enhanced raman spectroscopy of randomly distributed molecules on gold nanowires

Fazio, B.; Gucciardi, P. G.; D'Andrea, C.; Irrera, A.; Bonaccorso, F.; Calogero, G.; Vasi, C.; Allegrini, M.; Toma, A.; Chiappe, D.; Martella, C.; De Mongeot, F. BuatiersubjectRamansubjectSpectroscopy

Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali (Testo stampato) 89 (2011).

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Fazio, Barbara; D'Andrea, Cristiano; Bonaccorso, Francesco; Bonaccorso, Francesco; Irrera, Alessia; Calogero, Giuseppe; Vasi, Cirino; Gucciardi, Pietro Giuseppe; Allegrini, Maria; Toma, Andrea; Toma, Andrea; Chiappe, Daniele; Martella, Christian; Buatier De Mongeot, Francescosubjectfield enhancementsubjectnanoantennassubjectnanowiressubjectpolarization effectssubjectRaman tensorsubjectself-organizationsubjectsurface-enhanced Raman spectroscopy

ACS nano 5 (2011): 5945–5956.

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1)-LIGHT DEPOLARIZATION EFFECTS IN TIP ENHANCED RAMAN SPECTROSCOPY OF Si(001) AND GaAs(001)

Gucciardi, P.G.; Valmalette, J.C.; Lopes, M.; Deturche, R.; Lamy de La Chapelle, M.; Barchiesi, D.; Bonaccorso, F.; D'Andrea, C.; Chaigneau, M.; Picardi, G.; Ossikovski, R.

Electromagnetic and Light scattering XIII, Taormina, 2011

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2)-Excess Enthalpies of Mixtures of Linear Monocarboxylic Acids with Dibutylether. Comparison with DISQUAC Predictions.

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3)-“Surface chemical functionalization of single walled carbon nanotubes by mutated Bacteriorhodopsin towards sensing applications”

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4)-Thermodynamics of Complex Formation Reactions of 18-Crown-6 Ether with Some Amino Acids in Water-Dimethylsulfoxide Mixtures

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5)-Effect of additives on natural dye sensitized solar cells

Giuseppe Calogero; Jun-Ho Yum; Stefano Caramori; Alessandro Sinopoli; Gaetano Di Marco; Mohammad Khaja Nazeeruddin; Carlo Alberto Bignozzi

2011

<http://www.cnr.it/prodotto/i/117043>

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6)-Hybrid Solar Cells from Natural Pigments

Giuseppe Calogero

Sun New Energy Conference and Exhibition (SuNEC), Santa Flavia (PA), Italy, 2011

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7)-Effect of heterocyclic aromatic organic compounds in electrolyte on the current-voltage characteristics in natural dye sensitized solar cells

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8)-Bacterial ratchet motors

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9)-Efforts to understand the mechanical behaviour of composite materials from biodegradable polyesters and hemp fibres as a consequence of the structural and chemical features of the fibres

S. Bronco; F. Signori; M. Pelagaggi; F. Ciardelli
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10)-Nematic order dynamics: order reconstruction

R.Hamdi; G.Lombardo; F.Cosenza; H.Ayeb; R.Barberi
European Conference on Liquid Crystals, University of Maribor Slovenia, 2011
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info:cnr-pdr/source/autori:R.Hamdi, G.Lombardo, F.Cosenza, H.Ayeb, R.Barberi/congresso_nome:European Conference on Liquid Crystals/congresso_luogo:University of Maribor Slovenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

11)-Artifact-free and real-time chiroptical measurements by polarization gratings

Pagliusi P.; Provenzano C.; Mazzulla A.; Cipparrone G.
NOMA 2011 - 10th Mediterranean Workshop and Topical Meeting, Cetraro (CS) Italy, 2011
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12)-Contact lubrication of human articular joints: the role of glycoproteins

Zappone B.
Joint ICTP-FANAS Conference on Trends in Nanotribology 2011, Trieste, Italy, 2011

<http://www.cnr.it/prodotto/i/117337>

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13)-Self-assembled linear arrays of wall defects and virtual singularities in thin smectic-A films

Zappone B.

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info:cnr-pdr/source/autori:Zappone B./congresso_nome:11th European Liquid Crystal Conference (ELCC2011)/congresso_luogo:Maribor, Slovenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

14)-Polarization gratings allow for real-time and artifact-free circular dichroism measurements

Pagliusi P.; Provenzano C.; Mazzulla A.; Cipparrone G.

SPIE Microtechnologies: Integrated Photonics: Materials, Devices and Applications, Praga, Rep. Ceca, 2011

<http://www.cnr.it/prodotto/i/117339>

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15)-SELF-ORGANIZED CHIRAL MICRODROPLETS

Mazzulla A.; Cipparrone G.; Hernandez RJ; Pane A.; Bartolino R.

13th International Conference on Ferroelectric Liquid Crystals 2011, Niagara Falls, Canada, 2011

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16)-Cholesteric droplets: a funny game with light

Hernández R.J.; Mazzulla A.; Pane A.; Cipparrone G.

NOMA 2011 - 10th Mediterranean Workshop and Topical Meeting, Cetraro (CS), Italy, 2011

<http://www.cnr.it/prodotto/i/117341>

info:cnr-pdr/source/autori:Hernández R.J., Mazzulla A., Pane A., Cipparrone G./congresso_nome:NOMA 2011 - 10th Mediterranean Workshop and Topical Meeting/congresso_luogo:Cetraro (CS), Italy/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

17)-Defects in Smectic-A liquid crystal films subject to hybrid anchoring conditions

Meyer C.; Zappone B.; Coursault D.; Bruno L.; Lacaze E.

11th European Liquid Crystal Conference (ELCC2011), Maribor, Slovenia, 2011

<http://www.cnr.it/prodotto/i/117342>

info:cnr-pdr/source/autori:Meyer C., Zappone B., Coursault D., Bruno L., Lacaze E./congresso_nome:11th European Liquid Crystal Conference (ELCC2011)/congresso_luogo:Maribor, Slovenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

18)-Random lasing in liquid crystals (P5-2)

De Luca A.

11th European Liquid Crystal Conference (ELCC2011), Maribor, Slovenia, 2011

<http://www.cnr.it/prodotto/i/117343>

info:cnr-pdr/source/autori:De Luca A./congresso_nome:11th European Liquid Crystal Conference (ELCC2011)/congresso_luogo:Maribor, Slovenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

19)-Random lasing in liquid crystals

De Luca A.

NOMA 2011 - 10th Mediterranean Workshop and Topical Meeting, Cetraro (CS), Italy, 2011

<http://www.cnr.it/prodotto/i/117344>

info:cnr-pdr/source/autori:De Luca A./congresso_nome:NOMA 2011 - 10th Mediterranean Workshop and Topical Meeting/congresso_luogo:Cetraro (CS), Italy/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

20)-OPTICAL LOSS COMPENSATION IN SOFT COMPOSITE METAMATERIALS

STRANGI G.

European Liquid Crystal Conference (ELCC2011), Maribor, Slovenia, 2011

<http://www.cnr.it/prodotto/i/117345>

info:cnr-pdr/source/autori:STRANGI G./congresso_nome:European Liquid Crystal Conference (ELCC2011)/congresso_luogo:Maribor, Slovenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

21)-POLICRYPS: From Gratings to Metamaterials

Umeton C.

Optics of Liquid Crystals (OLC 2011), Yerevan, Armenia, 2011

<http://www.cnr.it/prodotto/i/117346>

info:cnr-pdr/source/autori:Umeton C./congresso_nome:Optics of Liquid Crystals (OLC 2011)/congresso_luogo:Yerevan,
Armenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

22)-Polarized Optical Tweezers and Liquid Crystal Droplets: New Insights on Micromanipulation and Hydrodynamics

Cipparrone G.

Optics of Liquid Crystals (OLC 2011), Yerevan, Armenia, 2011

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Armenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

23)-Liquid crystal droplets to show the Magnus effect in optical manipulation

Hernandez R.J.; Pagliusi P.; Provenzano C.; Cipparrone G.

Optics of Liquid Crystals (OLC 2011), Yerevan, Armenia, 2011

<http://www.cnr.it/prodotto/i/117348>

info:cnr-pdr/source/autori:Hernandez R.J., Pagliusi P., Provenzano C. and Cipparrone G./congresso_nome:Optics of Liquid Crystals (OLC 2011)/congresso_luogo:Yerevan,
Armenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

24)-Cholesteric microdroplets: playing a funny game with the light

Hernandez R.J.; Mazzulla A.; Pane A.; Cipparrone G.

Optics of Liquid Crystals (OLC 2011), Yerevan, Armenia, 2011

<http://www.cnr.it/prodotto/i/117349>

info:cnr-pdr/source/autori:Hernandez R.J., Mazzulla A., Pane A., Cipparrone G./congresso_nome:Optics of Liquid Crystals (OLC 2011)/congresso_luogo:Yerevan,
Armenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

25)-Artifact-free and real-time chiroptical measurements by polarization gratings

Provenzano C.; Pagliusi P.; Lepera E.; Mazzulla A.; Cipparrone G.

Optics of Liquid Crystals (OLC 2011), Yerevan, Armenia, 2011

<http://www.cnr.it/prodotto/i/117350>

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26)-Light sensitive liquid crystals for all-optical photonic devices

De Sio L.; Serak S.; Tabirian N.; Umeton C.

Optics of Liquid Crystals (OLC 2011), Yerevan, Armenia, 2011

<http://www.cnr.it/prodotto/i/117351>

info:cnr-pdr/source/autori:De Sio L., Serak S., Tabirian N., Umeton C./congresso_nome:Optics of Liquid Crystals (OLC 2011)/congresso_luogo:Yerevan, Armenia/congresso_data:2011/anno:2011/pagina_da:/pagina_a/intervallo_pagine:

27)-Ordering phenomena in hybrid membranes composed of SBS and functionalised SBA-16 mesoporous oxide

Buonomenna M. G.; Golemme G.; Tone C. M.; De Santo M. P.; Ciuchi F.; Figoli A.

International Conference on Membranes: Environmental and Biological Applications, 2011

<http://www.cnr.it/prodotto/i/117352>

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28)-Performance of Styrene-butadiene-styrene (SBS) membranes for gas separation: the effect of polymer nanostructure

Buonomenna M. G.; Golemme G.; Tone C. M.; De Santo M. P.; Ciuchi F.

10th International Conference on Materials Chemistry,, Manchester, 2011

<http://www.cnr.it/prodotto/i/117353>

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29)-AFM study of self assembled molecules on surfaces

Tone C. M.; Pirillo S.; Pucci D.; De Santo M. P.; Barberi R. C.; Ciuchi F.

International School of Liquid Crystals, erice, 2011

<http://www.cnr.it/prodotto/i/117354>

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Crystals/congresso_luogo:erice/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

30)-Effects of synthesis parameters on SAPO-34 morphology and adsorption properties for the CO₂/CH₄ separation

Maria Giovanna Buonomenna; Giovanni Golemme; Eloisa Sardella; Piero Favia; Federica Ciuchi

10th International Conference on Materials Chemistry, Manchester, 2011

<http://www.cnr.it/prodotto/i/117355>

info:cnr-pdr/source/autori:Maria Giovanna Buonomenna, Giovanni Golemme, Eloisa Sardella, Piero Favia, Federica Ciuchi/congresso_nome:10th International Conference on Materials Chemistry/congresso_luogo:Manchester/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

31)-Fatty acid association/dissociation in human serum albumin

Rizzuti B.; Bartucci R.; Sportelli L.; Guzzi R.

97th National congress of SIF, L'Aquila, 2011

<http://www.cnr.it/prodotto/i/117356>

info:cnr-pdr/source/autori:Rizzuti B., Bartucci R., Sportelli L., Guzzi R./congresso_nome:97th National congress of SIF/congresso_luogo:L'Aquila/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

32)-Early stage aggregation of human serum albumin in the presence of metal ions

Guzzi R.; Stirpe A.; Pantusa M.; Rizzuti B.; Sportelli L.; Bartucci R.

Amyloid fibrils, prions and precursors: molecules for targeted intervention, Halle an der Saale (Deutschland, 2011

<http://www.cnr.it/prodotto/i/117357>

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33)-Structural properties of hydrophobin aggregates revealed by atomic force spectroscopy in dynamic mode

Giocondo M.

Aggregation and dynamic arrest in colloidal systems, Roma, 2011

<http://www.cnr.it/prodotto/i/117358>

info:cnr-pdr/source/autori:Giocondo M./congresso_nome:Aggregation and dynamic arrest in colloidal systems/congresso_luogo:Roma/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

34)-About hydrophobins aggregates: structural properties and aggregation kinetics

Giocondo M.

Chemical and physical properties of nanostructured disordered materials: interface and size confinement effects, Area di Ricerca del CNR di Pisa Via Moruzzi 1, 56124 Pisa, 7-8 July 2011

<http://www.cnr.it/prodotto/i/117359>

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35)-Atmospheric PM10. Effects of Polycyclic Aromatic Hydrocarbons and organic extracts on Rhodobacter sphaeroides.

Daresta B.E.; de Gennaro G.; Trotta M.subjectToxicitysubjectComplex sistemssubjectRhodobacter sphaeroides

European Aerosol Conference, Manchester (UK), 4 - 9 september

<http://www.cnr.it/prodotto/i/117360>

info:cnr-pdr/source/autori:Daresta B.E. , de Gennaro G. , Trotta M./congresso_nome:European Aerosol Conference/congresso_luogo:Manchester (UK)/congresso_data:4 - 9 september/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

36)-Photosynthetic bacteria play heavy metal

Trotta MassimosubjectHeavy metalssubjectPhotosynthesissubjectRhodobacter sphaeroides

14th Congress of the European Society for Photobiology, Geneva (CH), September 1 - 6, 2011

<http://www.cnr.it/prodotto/i/117361>

info:cnr-pdr/source/autori:Trotta Massimo/congresso_nome:14th Congress of the European Society for Photobiology/congresso_luogo:Geneva (CH)/congresso_data:September 1 - 6, 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

37)-Chromate reduction by the photosynthetic bacterium Rhodobacter sphaeroides

Italiano F.; Rinalducci S.; Zolla L.; R Ceci L.; De Leo F.; Agostiano A.; Trotta M.subjectChromatesubjectPhotosynthesissubjectRhodobacter sphaeroides

14th Congress of the European Society for Photobiology, Geneva (CH), September 1 - 6, 2011

<http://www.cnr.it/prodotto/i/117362>

info:cnr-pdr/source/autori:Italiano F., Rinalducci S., Zolla L., R Ceci L., De Leo F., Agostiano A., Trotta M./congresso_nome:14th Congress of the European Society for Photobiology/congresso_luogo:Geneva (CH)/congresso_data:September 1 - 6, 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

38)-Reversible Binding of Metal Ions onto Bacterial Layers Revealed by Protonation-Induced ATR-FTIR Difference Spectroscopy

Giotta L.; Mastrogiacomo D.; Italiano F.; Milano F.; Agostiano A.; Nagy K.; Valli L.; Trotta M. (

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117363>

info:cnr-pdr/source/autori:Giotta L., Mastrogiacomo D., Italiano F., Milano F., Agostiano A., Nagy K., Valli L., Trotta M. (/congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

39)-Incorporation of lycopene into lipid vesicles for pharmacological applications

Mastrogiacomo D.; Di Carolo M.; Giotta L.; Milano F.; Lenucci M.; Rescio L.; Dalessandro G.; Valli L.

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117364>

info:cnr-pdr/source/autori:Mastrogiacomo D., Di Carolo M., Giotta L., Milano F., Lenucci M., Rescio L., Dalessandro G., Valli L./congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

40)-Hydrophobic CdSe@ZnS nanocrystals loaded liposomes and their interactions with RC membrane protein

De Leo V.; Milano F.; Graziano G.; Comparelli R.; Falqui A.; Striccoli M.; Catucci L.

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117365>

info:cnr-pdr/source/autori:De Leo V., Milano F., Graziano G., Comparelli R., Falqui A., Striccoli M., Catucci L./congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

41)-“Proposta di un percorso laboratoriale trasversale sulla chimica degli alimenti”

Fini P; Cosma P

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117366>

info:cnr-pdr/source/autori:Fini P, Cosma P/congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

42)-“Formation of ROS by Photosynthetic Pigment/Cyclodextrin Inclusion Complexes”

Agostiano A.; Cellamare B. M.; Fini P.; Cosma P.

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117367>

info:cnr-pdr/source/autori:Agostiano A., Cellamare B. M., Fini P., Cosma P./congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

43)-“Fabrication and Characterization of Au Nanorod based Layer by Layer Architecture towards Biosensors”

Placido T.; Comparelli R.; Fanizza E.; Cosma P.; Striccoli M.; Curri M. L.; Agostiano A.

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117368>

info:cnr-pdr/source/autori:Placido T., Comparelli R., Fanizza E., Cosma P., Striccoli M., Curri M. L., Agostiano A./congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

44)-“Plasma deposition of fluorocarbon films containing platinum nanoclusters for fuel cells applications”

Palumbo F.; Milella A.; Dilonardo E.; Cosma P.; Barucca P.; Mengucci P.; Fracassi F.; d’Agostino R.

5th International Workshop on Polymer/Metal Nanocomposites, Bari (IT), 2011

<http://www.cnr.it/prodotto/i/117369>

info:cnr-pdr/source/autori:Palumbo F., Milella A., Dilonardo E., Cosma P., Barucca P., Mengucci P., Fracassi F., d’Agostino R./congresso_nome:5th International Workshop on Polymer/Metal Nanocomposites/congresso_luogo:Bari (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

45)-“Gold nanorods and cytochrome c based bio-interfaces obtained by layer-by-layer assembly”

TPlacido T.; Comparelli R.; Cosma P.; Striccoli M.; Agostiano A.; Curri M. L.

Hybrid Materials 2011, Strasbourg (france), 2011

<http://www.cnr.it/prodotto/i/117370>

info:cnr-pdr/source/autori:TPlacido T., Comparelli R., Cosma P., Striccoli M., Agostiano A., Curri M. L./congresso_nome:Hybrid Materials 2011/congresso_luogo:Strasbourg (france)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

46)-“Synthesis of gold based nanostructures for biosensing applications”

Rivas L.; de la Escosura-Muñiz A.; Aragay G.; Placido T.; Curri L.; Pons J. Merkoçi A.
XVIèmes Rencontres Transfrontalières « Capteurs et biocapteurs », Toulouse (France), 2011
<http://www.cnr.it/prodotto/i/117371>

info:cnr-pdr/source/autori:Rivas L., de la Escosura-Muñiz A., Aragay G., Placido T., Curri L., Pons J. Merkoçi A./congresso_nome:XVIèmes Rencontres Transfrontalières « Capteurs et biocapteurs »/congresso_luogo:Toulouse (France)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

47)-“Au nanoparticles based nanocomposites: novel opportunities for plasmonic applications”

Panniello A.; Curri M. L.; Placido T.; Reboud V.; Kehagias V.; Sotomayor Torres C. M.; Mecerreyes D.; Agostiano A.; Striccoli M.
5th International Workshop on Polymer/Metal Nanocomposites, Bari (IT), 2011
<http://www.cnr.it/prodotto/i/117372>

info:cnr-pdr/source/autori:Panniello A. , Curri M. L.,Placido T., Reboud V., Kehagias V., Sotomayor Torres C. M., Mecerreyes D. , Agostiano A. ,Striccoli M./congresso_nome:5th International Workshop on Polymer/Metal Nanocomposites/congresso_luogo:Bari (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

48)-“Gold nanoparticle patterned assembly based on block copolymer self-organizing films”

Di Mauro A. E.; Oria L.; Alayo N.; Striccoli M.; Fanizza E.; Agostiano A.; Perez-Murano F.; Curri M. L.
37th International Conference on Micro and Nano Engineering, Berlin (Germany), 2011
<http://www.cnr.it/prodotto/i/117373>

info:cnr-pdr/source/autori:Di Mauro A. E., Oria L., Alayo N., Striccoli M., Fanizza E., Agostiano A., Perez-Murano F., Curri M. L./congresso_nome:37th International Conference on Micro and Nano Engineering/congresso_luogo:Berlin (Germany)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

49)-“SU8 based microcantilever sensors chemically functionalized with organic-capped oxidenanocrystals for vapour detection”

Ingrosso C.; Sardella E.; Keller S.; Dohn S.; Striccoli M.; Agostiano A.; Boisen A.; Curri M. L.
37th International Conference on Micro and Nano Engineering (MNE), Berlin (Germany), 2011
<http://www.cnr.it/prodotto/i/117374>

info:cnr-pdr/source/autori:Ingrosso C., Sardella E., Keller S., Dohn S., Striccoli M., Agostiano A., Boisen A., Curri M. L./congresso_nome:37th International Conference on Micro and Nano Engineering (MNE)/congresso_luogo:Berlin (Germany)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

50)-“Semiconductor nanocrystal – conjugated polymer nanocomposites for solar cells: effect of surface ligand on morphological and spectroscopic properties”

Di Mauro A. E.; Toscanini M.; Binetti E.; Destri S.; Agostiano A.; Curri M. L.; Striccoli M.
2nd International Conference on Semiconductor Sensitized Solar Cells, Mallorca, Spain., 2011
<http://www.cnr.it/prodotto/i/117375>

info:cnr-pdr/source/autori:Di Mauro A. E., Toscanini M., Binetti E., Destri S., Agostiano A., Curri M. L., Striccoli M./congresso_nome:2nd International Conference on Semiconductor Sensitized Solar Cells/congresso_luogo:Mallorca, Spain./congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

51)-CdSe nanocrystal sensitization of nanostructured electrodes towards solar cells

Binetti E.; Ingrosso C.; Tamborra M.; Panniello A.; Tena-Zaera R.; Agostiano A.; Curri M.L.; Striccoli M.
2th INTERNATIONAL CONFERENCE SEMICONDUCTOR SENSITIZED SOLAR CELLS, Mallorca, Spain., 2011
<http://www.cnr.it/prodotto/i/117376>

info:cnr-pdr/source/autori:Binetti E., Ingrosso C., Tamborra M., Panniello A., Tena-Zaera R., Agostiano A. , Curri M.L., Striccoli M./congresso_nome:2th INTERNATIONAL CONFERENCE SEMICONDUCTOR SENSITIZED SOLAR CELLS/congresso_luogo:Mallorca, Spain./congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

52)-Surface chemical functionalization of single walled carbon nanotubes by mutated Bacteriorhodopsin towards sensing applications

Ingrosso C.; Bianco C.; Lopalco P.; Curri M .L.; Agostiano A.; Corcelli A.; Bruno G.; Striccoli M.; Siciliano P.
International Workshop on advances in Sensors and Interfaces, Fasano, Brindisi, Italia, 2011
<http://www.cnr.it/prodotto/i/117377>

info:cnr-pdr/source/autori:Ingrosso C., Bianco C., Lopalco P., Curri M .L., Agostiano A., Corcelli A., Bruno G., Striccoli M., Siciliano P./congresso_nome:International Workshop on advances in Sensors and Interfaces/congresso_luogo:Fasano, Brindisi, Italia/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

53)-“Towards smooth MWPECVD diamond films: exploring the limits of the hydrogen percentage in Ar/H2/CH4 gas mixture”

Cicala G.; Moneger D.; Cornacchia D.; .Pesce P; Magaletti V.; VCapozzi V.; Perna G.; Tamborra M.

E-MRS 2011 Spring & Bilateral Meeting 2011, Nice (France), 2011

<http://www.cnr.it/prodotto/i/117378>

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54)-“SURFACE ENHANCED RAMAN SPECTROSCOPY OF DIFFERENT CHAIN LENGTH PEP+ MOIETY BOUND TO NANORODS”

Ros I., Placido T., Comparelli R., Marini C., Curri L.; Abbotto A., Bozio R.

IMAGINENANO, Photonics Plasmonics Magneto-Optics (PPM), Bilbao (Spain), 2011

<http://www.cnr.it/prodotto/i/117379>

info:cnr-pdr/source/autori:Ros I., Placido T., Comparelli R., Marini C., Curri L.; Abbotto A., Bozio R./congresso_nome:IMAGINENANO, Photonics Plasmonics Magneto-Optics (PPM)/congresso_luogo:Bilbao (Spain)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

55)-“Semiconductor nanocrystals in phospholipid micelles: an effective routes for nanocrystals bio-conjugation”

Depalo N.; Comparelli R.; Brandonisio C.; Fanizza E.; Carrieri P.; Striccoli M.; Curri M.L.

Hybrid Materials 2011, Strasbourg, France, 2011

<http://www.cnr.it/prodotto/i/117380>

info:cnr-pdr/source/autori:Depalo N., Comparelli R., Brandonisio C., Fanizza E. , Carrieri P., Striccoli M., Curri M.L./congresso_nome:Hybrid Materials 2011/congresso_luogo:Strasbourg, France/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

56)-“Nanocrystal based nanocomposites: functional materials for micro and nanofabrication”

Ingresso C.; Tamborra M.; Panniello A.; Comparelli R.; Curri M.L.; Striccoli M.

Hybrid Materials 2011, Strasbourg (france), 2011

<http://www.cnr.it/prodotto/i/117381>

info:cnr-pdr/source/autori:Ingresso C., Tamborra M. , Panniello A. , Comparelli R., Curri M.L., Striccoli M./congresso_nome:Hybrid Materials 2011/congresso_luogo:Strasbourg (france)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

57)-“Colloidal nanocrystals in ionic liquids as innovative inorganic-organic hybrid materials”

Binetti E.; Ingresso C.; Tamborra M.; Panniello A.; Tena-Zaera R.; Agostiano A.; Curri M.L.; Striccoli M.

Hybrid Materials 2011, Strasbourg, France, 2011

<http://www.cnr.it/prodotto/i/117382>

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58)-“Mono- and bi-modal PbS nanocrystal based superlattices: fabrication and structural investigation”

Corricelli M; Fanizza E.; Striccoli M.; Altamura D.; Giannini C.; Falqui A.; Curri M. L.

Hybrid Materials 2011S, Strasbourg (france), 2011

<http://www.cnr.it/prodotto/i/117383>

info:cnr-pdr/source/autori:Corricelli M, Fanizza E., Striccoli M., Altamura D., Giannini C., Falqui A. , Curri M. L./congresso_nome:Hybrid Materials 2011S/congresso_luogo:Strasbourg (france)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

59)-Immobilization of photosynthetic materials onto quartz by a Layer-by-Layer procedure for applications in the detection of herbicides

Ventrella; L. Catucci; ; T. Placido; F. Longobardi; A. Agostiano

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117384>

info:cnr-pdr/source/autori:Ventrella, L. Catucci,, T. Placido, F. Longobardi, A. Agostiano/congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

60)-Characterization of the Geographical and Botanical Origin of Italian Cherries by Nuclear Magnetic Resonance and Isotope Ratio Analysis

Longobardi F.; Bianco A.; Casiello G.; Mazzilli V.; Ventrella A.; Catucci L.; Agostiano A.; Sacco D.; Sacco A.; Cafagna I.; Gallo V.; Mastroilli P.

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117385>

info:cnr-pdr/source/autori:Longobardi F., Bianco A., Casiello G., Mazzilli V., Ventrella A., Catucci L., Agostiano A., Sacco D., Sacco A., Cafagna I., Gallo V., Mastroilli P./congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce (IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

61)-EMERGING METHODS FOR FABRICATING FUNCTIONAL STRUCTURES BY PATTERNING AND ASSEMBLING ENGINEERED NANOCRYSTALS.

Curri M.L.; Comparelli R.; Striccoli M.; Agostiano A.

Workshop of COST Action D43 :Functionalized Materials and Interfaces, Madrid Spain, 2011

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Spain/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

62)-GEOGRAPHICAL AND BOTANICAL CLASSIFICATION OF ITALIAN CHERRIES BY MEANS OF 1HNMR AND ISOTOPIC RATIOS COMBINED WITH CHEMIOMETRICS

•Longobardi F.; Bianco A.; Casiello G.; Sacco A.; Agostiano A.; Cafagna I.; Gallo V; Mastrorilli P.

5th International Symposium on Recent Advances in Food Analysis (RAFA 2011), Prague, Czech Republic, 2011

<http://www.cnr.it/prodotto/i/117387>

info:cnr-pdr/source/autori:•Longobardi F., Bianco A., Casiello G., Sacco A., Agostiano A., Cafagna I., Gallo V, Mastrorilli P./congresso_nome:5th International Symposium on Recent Advances in Food Analysis (RAFA 2011)/congresso_luogo:Prague, Czech Republic/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

63)-•Longobardi F., Bianco A., Casiello G., Sacco A., Agostiano A., Cafagna I., Gallo V, Mastrorilli P.

Longobardi F.; Bianco A.; Casiello G.; Sacco A.; Agostiano A.; Cafagna I.; Gallo V; Mastrorilli P.

5th International Symposium on Recent Advances in Food Analysis (RAFA 2011), Prague, Czech Republic, 2011

<http://www.cnr.it/prodotto/i/117388>

info:cnr-pdr/source/autori:Longobardi F., Bianco A., Casiello G., Sacco A., Agostiano A., Cafagna I., Gallo V, Mastrorilli P./congresso_nome:5th International Symposium on Recent Advances in Food Analysis (RAFA 2011)/congresso_luogo:Prague, Czech Republic/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

64)-APULIAN TABLE GRAPES: A COMBINED STUDY BY DIRECT INFUSION HIGH-RESOLUTION MASS SPECTROMETRY AND NUCLEAR MAGNETIC RESONANCE

Rizzuti; V.; Gallo; A; Mastrorilli P.; Cafagna I.; Agostiano; A.; Longobardi F.; Sacco A.

XXIV Congresso Nazionale della Società Chimica Italiana, Lecce (IT), 2011

<http://www.cnr.it/prodotto/i/117389>

info:cnr-pdr/source/autori:Rizzuti, V., Gallo,A, Mastrorilli P., Cafagna I., Agostiano, A., Longobardi F., Sacco A./congresso_nome:XXIV Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Lecce
(IT)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

65)-Different LO - TO mode amplification in Tip Enhanced Raman Spectroscopy of GaAs(001)

Valmalette, J.C.; Gucciardi P.G.

Tip Enhanced Raman Spectroscopy (TERS II), Teddington, 2011

<http://www.cnr.it/prodotto/i/117390>

info:cnr-pdr/source/autori:Valmalette, J.C.; Gucciardi P.G./congresso_nome:Tip Enhanced Raman Spectroscopy (TERS II)/congresso_luogo:Teddington/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

66)-Polarization properties of Surface Enhanced Raman Spectroscopy from near-field coupled gold nanowires

Fazio; B.

SERS Round Table 2011, Poltersdorf, 2011

<http://www.cnr.it/prodotto/i/117391>

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67)-Polarization dependent SERS from gold nanoantennas with engineered plasmonresonances

D'Andrea, C.; Fazio, B.; Marago, O.M.; Gucciardi, P.G.; Toma, A.; Di Fabrizio, E.; Guillot, N.; Lamy de La Chapelle, M.

The 5th conference on Surface PLasmon Photonics, Busan, Korea, 2011

<http://www.cnr.it/prodotto/i/117392>

info:cnr-pdr/source/autori:D'Andrea, C.; Fazio, B.; Marago, O.M.; Gucciardi, P.G.; Toma, A.; Di Fabrizio, E.; Guillot, N.; Lamy de La Chapelle, M./congresso_nome:The 5th conference on Surface PLasmon Photonics/congresso_luogo:Busan, Korea/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

68)-Laser induced photothermal aggregation of gold nanrods for SERS detection of biomolecules in liquid environment

Fazio, B.; D'Andrea, C.; Villari, V.; Micali, N.; Marago, O.M.; Iatì, M.A.; Calogero, G.; Gucciardi, P.G.

The 5th conference on Surface Plasmon Photonics, Busan, Korea, 2011

<http://www.cnr.it/prodotto/i/117393>

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69)-Strongly polarized SERS from randomly oriented molecules adsorbed on gold nanowires

Fazio, B.; D'Andrea, C.; Vasi, C.; Bonaccorso, F.; Gucciardi, P.G.; Allegrini, M.; Toma, A.; Chiappe, D.; Buatier de Mongeot, F.

The 5th conference on Surface Plasmon Photonics, Busan, Korea, 2011

<http://www.cnr.it/prodotto/i/117394>

info:cnr-pdr/source/autori:Fazio, B.; D'Andrea, C.; Vasi, C.; Bonaccorso, F.; Gucciardi, P.G.; Allegrini, M.; Toma, A.; Chiappe, D.; Buatier de Mongeot, F./congresso_nome:The 5th conference on Surface Plasmon Photonics/congresso_luogo:Busan, Korea/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

70)-A raman study of MMP2 and MnSOD, two pathology biomarkers

David, C.; Lamy de La Chapelle, M.; D'Andrea, C.; Fazio, B.; Marago, O.M.; Gucciardi, P.G.

The 5th conference on Surface Plasmon Photonics, Busan, Korea, 2011

<http://www.cnr.it/prodotto/i/117395>

info:cnr-pdr/source/autori:David, C.; Lamy de La Chapelle, M.; D'Andrea, C.; Fazio, B.; Marago, O.M.; Gucciardi, P.G./congresso_nome:The 5th conference on Surface Plasmon Photonics/congresso_luogo:Busan, Korea/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

71)-Spectral dependence of the amplification factor in SERS

D'Andrea, C.; Fazio, B.; Irrera, A.; Marago, O.M.; Iati, M.A.; Calogero, G.; Gucciardi P.G., Artoni, P.

The 5th conference on Surface Plasmon Photonics, Busan, Korea, 2011

<http://www.cnr.it/prodotto/i/117396>

info:cnr-pdr/source/autori:D'Andrea, C.; Fazio, B.; Irrera, A.; Marago, O.M.; Iati, M.A.; Calogero, G.; Gucciardi P.G., Artoni, P./congresso_nome:The 5th conference on Surface Plasmon Photonics/congresso_luogo:Busan, Korea/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

72)-Polarization-sensitive Surface and Tip Enhanced Raman Spectroscopy

Fazio, B.; Gucciardi, P.G.

Summer school on Plasmonics, Functionalization and Biosensing, Heidelberg, 2011

<http://www.cnr.it/prodotto/i/117397>

info:cnr-pdr/source/autori:Fazio, B.; Gucciardi, P.G./congresso_nome:Summer school on Plasmonics, Functionalization and Biosensing/congresso_luogo:Heidelberg/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

73)-Plasmon-enhanced optical manipulation and surface-enhanced Raman spectroscopy with metal nanoparticles

Marago; O.M.

Summer school on Plasmonics, Functionalization and Biosensing, Heidelberg, 2011

<http://www.cnr.it/prodotto/i/117398>

info:cnr-pdr/source/autori:Marago, O.M./congresso_nome:Summer school on Plasmonics, Functionalization and Biosensing/congresso_luogo:Heidelberg/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

74)-High sensitivity detection of biomolecules with Surface Enhanced Raman Spectroscopy

Gucciardi; P.G.

NanoSensorPhotonics, Ein Bokek, Israel, 2011

<http://www.cnr.it/prodotto/i/117399>

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P.G./congresso_nome:NanoSensorPhotonics/congresso_luogo:Ein Bokek, Israel/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

75)-Graphene-based Natural Dye-Sensitized Solar Cells

Bonaccorso, F.; Calogero, G.; Privitera, G.; Maragò, O.M.; Gucciardi, P.G.; Di Marco, G.; Ferrari, A.C.

Graphene 2011, Bilbao, 2011

<http://www.cnr.it/prodotto/i/117400>

info:cnr-pdr/source/autori:Bonaccorso, F.; Calogero, G.; Privitera, G.; Maragò, O.M.; Gucciardi, P.G.; Di Marco, G.; Ferrari, A.C./congresso_nome:Graphene 2011/congresso_luogo:Bilbao/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

76)-Lipidomics of the moderately halophilic bacterium Halobacillus halophilus in relation to osmoadaptation.

LOPALCO P.; ANGELINI R.; LOBASSO S.; MULLER W.; CORCELLI A.

52nd International Conference on Bioscience of Lipids (ICBL), Warsaw, Poland, 2011

<http://www.cnr.it/prodotto/i/117401>

info:cnr-pdr/source/autori:LOPALCO P.,ANGELINI R., LOBASSO S., MULLER W., CORCELLI A./congresso_nome:52nd International Conference on Bioscience of Lipids (ICBL)/congresso_luogo:Warsaw, Poland/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

77)-Direct MALDI-TOF/MS analyses of cardiolipin in intact membranes

ANGELINI R.; LOPALCO; LOBASSO S.; CORCELLI A.

52nd International Conference on Bioscience of Lipids (ICBL), Warsaw, Poland, 2011

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78)-The first identification of phosphatidylethanolamine in extremely halophilic Archaea

VITALE R.; LOPALCO P.; ANGELINI R.; JELK J.; BUTIKOFER P.; CORCELLI A.

52nd International Conference on Bioscience of Lipids (ICBL), Warsaw, Poland, 2011

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79)-Anaerobiosis and cyanide increase cardiolipin membrane levels

LOBASSO S.; PALESE L.L.; MARTINO P.L.; BARONIOM.; CORCELLI A.

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80)-Nanowires Light Emitting Devices at Room Temperature

P.Artoni; A.Irrera; F.Iacona; E. Pecora; G. Franzò; M.Galli; F. Priolo

MRS Spring Meeting, San Francisco, 2011

<http://www.cnr.it/prodotto/i/117406>

info:cnr-pdr/source/autori:P.Artoni, A.Irrera, F.Iacona, E. Pecora, G. Franzò, M.Galli, F. Priolo/congresso_nome:MRS Spring Meeting/congresso_luogo:San Francisco/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

81)-A Silicon Nanowire Light Emitting Device

A.Irrera; P.Artoni; F.Iacona; E. Pecora; G. Franzò; M.Galli; B.Fazio; F. Priolo

EMRS, Nizza, 2011

<http://www.cnr.it/prodotto/i/117407>

info:cnr-pdr/source/autori:A.Irrera, P.Artoni, F.Iacona, E. Pecora, G. Franzò, M.Galli, B.Fazio, F.

Priolo/congresso_nome:EMRS/congresso_luogo:Nizza/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

82)-A Silicon Nanowire Light Emitting Device

A.Irrera; P.Artoni; F.Iacona; G. Franzò; M.Galli; B.Fazio; F. Priolo

The 8th International Conference on Group IV Photonics-IEEE, Londra, 2011

<http://www.cnr.it/prodotto/i/117408>

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83)-Structural organization and phase behavior of 1-butyl-3-methylimidazolium hexafluorophosphate: an high pressure Raman spectroscopy study

O. Russina; B. Fazio; C. Schmidt; A. Triolo

COIL-4 (4th Congress on Ionic Liquids), Washington DC, 2011

<http://www.cnr.it/prodotto/i/117409>

info:cnr-pdr/source/autori:O. Russina, B. Fazio, C. Schmidt, A. Triolo/congresso_nome:COIL-4 (4th Congress on Ionic Liquids)/congresso_luogo:Washington DC/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

84)-Structural organization and phase behavior of 1-butyl-3-methylimidazolium hexafluorophosphate: an high pressure Raman spectroscopy study

O. Russina; B. Fazio; C. Schmidt; A. Triolo

Faraday Discussion 154: Ionic Liquids, Belfast, 2011

<http://www.cnr.it/prodotto/i/117410>

info:cnr-pdr/source/autori:O. Russina, B. Fazio, C. Schmidt, A. Triolo/congresso_nome:Faraday Discussion 154: Ionic Liquids/congresso_luogo:Belfast/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

85)-Enhanced Optical fields for aggregation of metal nanoantennas and label free highly sensitive detection of biomolecules

Fazio B.

Science at IPCF – A meeting in honor of Giorgio Parisi, Roma, 2011

<http://www.cnr.it/prodotto/i/117411>

info:cnr-pdr/source/autori:Fazio B./congresso_nome:Science at IPCF – A meeting in honor of Giorgio

Parisi/congresso_luogo:Roma/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

86)-Enhanced Optical fields for aggregation of metal nanoantennas and label free highly sensitive detection of biomolecules

Fazio B.

1° GIORNATA DI STUDIO DEL DOTTORATO DI RICERCA IN FISICA DELL'UNIVERSITÀ DI MESSINA, Messina, 2011

<http://www.cnr.it/prodotto/i/117412>

info:cnr-pdr/source/autori:Fazio B./congresso_nome:1° GIORNATA DI STUDIO DEL DOTTORATO DI RICERCA IN FISICA DELL'UNIVERSITÀ DI MESSINA/congresso_luogo:Messina/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

87)-Fano Resonances in Si and Si Nanostructures

B. Fazio; A. Irrera

Symposium on “ Quantum interference”, Messina, 2011

<http://www.cnr.it/prodotto/i/117413>

info:cnr-pdr/source/autori:B. Fazio, A. Irrera/congresso_nome:Symposium on “ Quantum interference”/congresso_luogo:Messina/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

88)-Optical Trapping of Graphene

M.G. Donato; F. Bonaccorso; G.Privitera; O. Trushkevych; P.G. Gucciardi; M.A. Iatì; B. Fazio; A. Irrera; P.H. Jones; R. Saija; A.C. Ferrari; O. M. Maragò

4th Workshop on Nanotube Optics and Nanospectroscopy (WONTON 2011), Bordeaux, France, 2011

<http://www.cnr.it/prodotto/i/117414>

info:cnr-pdr/source/autori:M.G. Donato, F. Bonaccorso, G.Privitera, O. Trushkevych, P.G. Gucciardi, M.A. Iatì, B. Fazio, A. Irrera, P.H. Jones, R. Saija, A.C. Ferrari, O. M. Maragò/congresso_nome:4th Workshop on Nanotube Optics and Nanospectroscopy (WONTON 2011)/congresso_luogo:Bordeaux, France/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

89)-Raman Optical Trapping of Graphene

M.G. Donato; G. Faggio; F. Bonaccorso; D. Alfieri; S. Santangelo; C. D'Andrea; B. Fazio; P.G. Gucciardi; A.C. Ferrari; O. M. Maragò; G. Messina

GraphitaA Multidisciplinary and Intersectorial European Workshop on Synthesis, Characterization and Technological Exploitation of Graphene, Assergi, L'Aquila, 2011

<http://www.cnr.it/prodotto/i/117415>

info:cnr-pdr/source/autori:M.G. Donato, G. Faggio, F. Bonaccorso, D. Alfieri, S. Santangelo, C. D'Andrea, B. Fazio, P.G. Gucciardi, A.C. Ferrari, O. M. Maragò, and G. Messina/congresso_nome:GraphitaA Multidisciplinary and Intersectorial European Workshop on Synthesis, Characterization and Technological Exploitation of Graphene/congresso_luogo:Assergi,

L'Aquila/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

90)-Raman optical trapping of carbon nanotubes and graphene

M. G. Donato; P. G. Gucciardi; S. Vasi; M. Monaca; R. Sayed; G. Calogero; P.H. Jones; O.M. Maragò

Carbomat 2011- Workshop on Carbon-based Low dimensional Materials, Catania, Italy, 2011

<http://www.cnr.it/prodotto/i/117416>

info:cnr-pdr/source/autori:M. G. Donato, P. G. Gucciardi, S. Vasi, M. Monaca, R. Sayed, G. Calogero, P.H. Jones, O.M. Maragò/congresso_nome:Carbomat 2011- Workshop on Carbon-based Low dimensional Materials/congresso_luogo:Catania,

Italy/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

91)-Interaction of methylene blue with amphiphilic cyclodextrin: spectroscopic investigation

C. Cannavà; M. Guardo; A. Mazzaglia; R. Stancanelli; s. Tommasini; C.A. Ventura; V. Villari
II European Conference on Cyclodextrins, Asti, 2011

<http://www.cnr.it/prodotto/i/117417>

info:cnr-pdr/source/autori:C. Cannavà, M. Guardo, A. Mazzaglia, R. Stancanelli, s. Tommasini, C.A. Ventura, V. Villari/congresso_nome:II European Conference on Cyclodextrins/congresso_luogo:Asti/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

92)-Supramolecular polymers: Interaction potential effect or concentration-dependent polymerization?

V. Villari; G. Gattuso; A. Notti; A. Pappalardo; N. Micali

25th ECIS Conference, Berlino, 2011

<http://www.cnr.it/prodotto/i/117418>

info:cnr-pdr/source/autori:V. Villari, G. Gattuso, A. Notti, A. Pappalardo, N. Micali/congresso_nome:25th ECIS Conference/congresso_luogo:Berlino/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

93)-Scattering Enhancement in colloidal metal-organic composite aggregates

V. Villari; A. Mazzaglia; M. Trapani; M. A. Castriciano; G. De Luca; B. Fazio; A. Romeo; L. Monsù Scolaro; N. Micali

25th ECIS Conference, Berlino, 2011

<http://www.cnr.it/prodotto/i/117419>

info:cnr-pdr/source/autori:V. Villari, A. Mazzaglia, M. Trapani, M. A. Castriciano, G. De Luca, B. Fazio, A. Romeo, L. Monsù Scolaro, N. Micali/congresso_nome:25th ECIS Conference/congresso_luogo:Berlino/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

94)-Femtonewton Force Sensing and Optical Trapping of Nanotubes and Graphene

Marago' O. M.

International Workshop on Metrology, Standardization and Industrial Quality of Graphene and Nanotubes (MSIGN11), Cambridge (UK), 2011

<http://www.cnr.it/prodotto/i/117420>

info:cnr-pdr/source/autori:Marago' O. M./congresso_nome:International Workshop on Metrology, Standardization and Industrial Quality of Graphene and Nanotubes (MSIGN11)/congresso_luogo:Cambridge (UK)/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

95)-Organic-inorganic Interfaces for a New Generation of Hybrid Biosensors

De Stefano L.; Rea I.; Rendina I.; Giocondo M.; Houmadi S.; Longobardi S.; Giardina P. *edited by Pier Andrea Serra, pp. 311–332. Rijeka: InTech Open Science/Open Minds, 2011*

<https://dx.doi.org/10.5772/17057>

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/anno:2011

96)-Field Effect Transistor Sensing devices employing lipid layers

Cotrone S. a; Angione M.D. a; Magliulo M. a; Cioffi N. a; Pilolli R. a; Palazzo G. a; Torsi L. a; Mallardi A. b; Fine D. c; Dodabalapur A d.

Sensors and Microsystems, 2011

urn:isbn:978-94-007-1323-9

info:cnr-pdr/source/autori:Cotrone S. a, Angione M.D. a, Magliulo M. a, Cioffi N. a, Pilolli R. a, Palazzo G. a, Torsi L. a, Mallardi A. b, Fine D. c, Dodabalapur A d./titolo:Field Effect Transistor Sensing devices employing lipid layers/titolo_volume:Sensors and Microsystems/curatori_volume:/editore:/anno:2011

97)-Impact of lipidomics on the microbial world of hypersaline environments.

LOPALCO P.; LOBASSO S.; BARONIO M.; ANGELINI R.; CORCELLI A.

. Berlin: Springer-Verlag, 2011

<http://www.cnr.it/prodotto/i/137301>

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/anno:2011

98)-Proceedings of the ELECTROMAGNETIC AND LIGHT SCATTERING XIII CONFERENCE

Borghese, F.; Denti, P.; Gucciardi, P.G.; Iatì, M.A.; Maragò, O.M.; Saija, R.

Messina: Accademia Peloritana dei Pericolanti, 2011

<http://www.cnr.it/prodotto/i/137302>

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/anno:2011

99)-Particle Kinetics in Asymmetric Solitary Waves

NOCERA L; PALUMBO L JsubjectSolitary wavessubjectdouble layerssubjectBGK wavessubjectsheathsubjectasymmetry

pp.1-9, 2011

<http://www.cnr.it/prodotto/i/158357>

**100)-“Interfacing single nanoparticles embedded in ultra thin polymers layers”
NANOPLATFORM Progetto Bilaterale Italia Spagna CNR CSIC**

Curri M. L.; Striccoli M. L.; Panniello A.; Di Mauro Evelyn; Ingrosso C.; Perez-Murano F.;
Alayo N.; Oria L.

2011

<http://www.cnr.it/prodotto/i/158360>

**101)-Report on the optical properties of coupled nanoantennas (D2.2 FP7 Project
Nanoantenna)**

UHEI; CFM-CSIC; CNRS; CNR; CICN; IIT

2011

<http://www.cnr.it/prodotto/i/158362>

**102)-intesi, caratterizzazione e verifica, mediante applicazione su pietra, di protettivi a base di
titanio nanostrutturata**

Comparelli R.; Curri M. L.; Striccoli M.; Petronella F.; Panniello A.; Placido T.

2011

<http://www.cnr.it/prodotto/i/158363>

103)-Progress Report M24 Metachem EU FP7 Project WP3

Curri M. L.; Striccoli M.; Comparelli R.; Fanizza E.; Depalo N.; Corricelli M.; Placido T.

2011

<http://www.cnr.it/prodotto/i/158364>

**104)-Progress report M18 FP7 EU PMETACHEM Project on nanostructured materials
obtained by using the physical chemistry routes and microfluidic evaporation techniques
(CNR, CNRS, Rhodia LOF)**

CNRS, Rhodia LOF, CNR. Autori CNR: ROBERTO COMPARELLI; MICHELA
CORRICELLI; MARIA LUCIA CURRI; NICOLETTA DEPALO; Elisabetta Fanizza;
TIZIANA PLACIDO; MARINELLA STRICCOLI

2011

<http://www.cnr.it/prodotto/i/158365>

**105)-Technical report on the production of nanostructured materials by using the physical
chemistry routes and microfluidic evaporation techniques (CNRS, CNR, Rhodia LOF)
Deliverable D 3.3.1 EU FP 7 METACHEM project**

CNRS; Rhodia LOF; CNR. Autori CNR: Curri M. L.; Striccoli M.; Comparelli R.; Fanizza E.
Corricelli M.; Depalo N.; Placido T.

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106)-Progress report M24 FP7 EU ORION

Striccoli M.; Comparelli R.; Curri M. L.; Panniello A.; Binetti E. Tamborra M.; Ingrosso C.
2011

<http://www.cnr.it/prodotto/i/158367>

107)-Delivery of a second set of inorganic components D 1.5 Deliverable FP7 EU ORION Project

Striccoli M.; Comparelli R.; Curri M. L.; Panniello A.; Binetti E. Tamborra M.; Ingrosso C.
2011

<http://www.cnr.it/prodotto/i/158368>

108)-Delivery of a second set of light sensitizers (quantum dots, semiconducting polymers and dyes) D 1.7 Deliverable FP7 EU ORION Project

Striccoli M.; Comparelli R.; Curri M. L.; Panniello A.; Binetti E. Tamborra M.; Ingrosso C.
2011

<http://www.cnr.it/prodotto/i/158369>

109)-First report on characterization methods for ordered inorganic organic hybrids D3.1 Deliverable FP7 EU ORION Project

Striccoli M.; Comparelli R.; Curri M. L.; Panniello A.; Binetti E. Tamborra M.; Ingrosso C.
2011

<http://www.cnr.it/prodotto/i/158370>

110)-Orion International Summer School D7.6 Deliverable FP7 EU ORION Project

Striccoli M.; Curri M. L.; Panniello A.
2011

<http://www.cnr.it/prodotto/i/158371>

111)-Report on protocols for fabrication of the generation 1 of ordered hybrid materials D 2.2. Deliverable FP7 EU ORION Project

Striccoli M.; Comparelli R.; Curri M. L.; Panniello A.; Binetti E. Tamborra M.; Ingrosso C.
2011

<http://www.cnr.it/prodotto/i/158372>

112)-Composites from biodegradable polyesters and hemp fibers: an effort towards the enlightenment of polymer matrix-fiber interactions

Signori F.; Pelagaggi M.; Righetti M.C.; Bronco S.; Ciardelli F.
Hybrid Materials 2011, Strasbourg (France), 2011

<http://www.cnr.it/prodotto/i/172687>

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113)-Metodo per la misura di proprietà chiro-ottiche in tempo reale basato su un reticolo di polarizzazione

G. Cipparrone;

CS2011A000003, Nazionale

<http://www.cnr.it/prodotto/i/192585>

114)-New Functional Materials from Polysaccharides Modified by Copper Catalyzed Azide-Alkyne Cycloaddition

M. Bertoldo; G. Zampano; S. Nazzi; F. La Terra; F. Ciardelli

European Polymer Congress 2011 (EPF2011) & XII Congress of the Specialized Group of Polymers (XII GEP Congress),, Granada-Spain, June 26 - July 1

<http://www.cnr.it/prodotto/i/192633>

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115)-Dendrimers Based Nanostructures as Novel Materials for Advanced Energy Technologies

Domenico Lombardo

Workshop on New Materials for Renewable Energy, Trieste, 2011

<http://www.cnr.it/prodotto/i/194540>

info:cnr-pdr/source/autori:Domenico Lombardo/congresso_nome:Workshop on New Materials for Renewable Energy/congresso_luogo:Trieste/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

116)-Preface: Introducing ELS XIII

Borghese; F.; Denti; P.; Gucciardi; P.G.; Iatì; M.A.; Maragò; O.M.; Saija; R.

Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali, 2011

<https://dx.doi.org/10.1478/C1V89S1P000>

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117)-Hyperpolarization and Multiple Irradiation Probe Head for Magnetic Resonance Techniques

Annino, G;

PCT/EP2011/060856, PCT/EP2012/062492, Internazionale

<http://www.cnr.it/prodotto/i/197643>

118)-Over-moded resonant cavities for low dissipative magnetic resonance probes based on photonic band structures

Macor, A;

PCT/IB2011/054620, PCT/IB2012/055694, Internazionale

<http://www.cnr.it/prodotto/i/197648>

119)-Nanotubi di Carbonio Multi Walled come adsorbenti per pompe di calore ad adsorbimento a basse temperature

E. Piperopoulos; C. Milone; L. Bonaccorsi; M. Lanza; S. Santangelo; E. Proverbio; G. Messina; S. Galvagno

IV Workshop Nazionale AICIng, Modena, 16-17 Giugno 2011

<http://www.cnr.it/prodotto/i/199430>

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Giugno
2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

120)-Carbon nanotubes as adsorbent for low temperature heat adsorption pumps.

E. Piperopoulos; L. Bonaccorsi; M. Lanza; S. Santangelo; E. Proverbio; S. Galvagno; C. Milone

INSTM VII Convegno Nazionale sulla Scienza e Tecnologia dei Materiali, Aci castello (CT), 26-29 Giugno 2011

<http://www.cnr.it/prodotto/i/199431>

info:cnr-pdr/source/autori:E. Piperopoulos, L. Bonaccorsi, M. Lanza, S. Santangelo, E. Proverbio, S. Galvagno, C. Milone/congresso_nome:INSTM VII Convegno Nazionale sulla Scienza e Tecnologia dei Materiali/congresso_luogo:Aci castello (CT)/congresso_data:26-29
Giugno 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

121)-Catalytic Synthesis of CNTs Hybrids Fillers for Conductive Polymers

E. Piperopoulos; S. Santangelo; M. Lanza; S. Galvagno; C. Milone

6th European Conference Paul Sabatier on Catalysis, Klingenthal (Strasburgo), 26-29 Settembre 2011

<http://www.cnr.it/prodotto/i/199433>

info:cnr-pdr/source/autori:E. Piperopoulos, S. Santangelo, M. Lanza, S. Galvagno, C. Milone/congresso_nome:6th European Conference Paul Sabatier on Catalysis/congresso_luogo:Klingenthal (Strasburgo)/congresso_data:26-29 Settembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

122)-Outstanding enhancement of polylactide electrical conductivity by addition of hybrid carbon-nanotubes/clay fillers

S. Santangelo; G. Messina; G. Faggio; M. Lanza; E. Piperopoulos; C. Milone
Società Italiana di Fisica, XCVII Congresso Nazionale, L'Aquila, 26-30 Settembre 2011
<http://www.cnr.it/prodotto/i/199434>

info:cnr-pdr/source/autori:S. Santangelo, G. Messina, G. Faggio, M. Lanza, E. Piperopoulos, C. Milone/congresso_nome:Società Italiana di Fisica, XCVII Congresso Nazionale/congresso_luogo:L'Aquila/congresso_data:26-30 Settembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

123)-Micro-Raman study of C nanotubes grown by CVD over ceramic supports

S. Santangelo; G. Messina; G. Faggio; M. Lanza; E. Piperopoulos; C. Milone
Società Italiana di Fisica, XCVII Congresso Nazionale, L'Aquila, 26-30 Settembre 2011
<http://www.cnr.it/prodotto/i/199436>

info:cnr-pdr/source/autori:S. Santangelo, G. Messina, G. Faggio, M. Lanza, E. Piperopoulos, C. Milone/congresso_nome:Società Italiana di Fisica, XCVII Congresso Nazionale/congresso_luogo:L'Aquila/congresso_data:26-30 Settembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

124)-CVD growth optimisation of multi-walled C nanotube based hybrid nanomaterials using the Taguchi method

S. Santangelo; E. Piperopoulos; M. Lanza; G. Faggio; G. Messina; C. Milone
Diamond 2011, Bavaria (Germania), 4-8 Settembre 2011
<http://www.cnr.it/prodotto/i/199437>

info:cnr-pdr/source/autori:S. Santangelo, E. Piperopoulos, M. Lanza, G. Faggio, G. Messina, C. Milone/congresso_nome:Diamond 2011/congresso_luogo:Bavaria (Germania)/congresso_data:4-8 Settembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

125)-Effect of Fe load on the catalytic CVD growth of carbon nanotubes over Na-exchanged montmorillonite-clay catalysts

S. Santangelo; E. Piperopoulos; M. Lanza; G. Faggio; G. Messina; C. Milone
Diamond 2011, Bavaria (Germania), 4-8 Settembre 2011
<http://www.cnr.it/prodotto/i/199440>

info:cnr-pdr/source/autori:S. Santangelo, E. Piperopoulos, M. Lanza, G. Faggio, G. Messina, C. Milone/congresso_nome:Diamond 2011/congresso_luogo:Bavaria (Germania)/congresso_data:4-8 Settembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

126)-Large-scale Synthesis of Multi Wall Carbon Nanotubes by Catalytic Chemical Vapor Deposition

C. Milone; E. Piperopoulos; S. Santangelo; M. Lanza; A. Pistone; S. Galvagno

Nanotechitaly 2011, Venezia, 23-25 Novembre 2011

<http://www.cnr.it/prodotto/i/199441>

info:cnr-pdr/source/autori:C. Milone, E. Piperopoulos, S. Santangelo, M. Lanza, A. Pistone, S. Galvagno/congresso_nome:Nanotechitaly 2011/congresso_luogo:Venezia/congresso_data:23-25 Novembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

127)-Caraterizzazione della SLC: Proprieta e altarazioni chimico-fisiche

Romanelli, M. (1); Bartali, L.(1); Di Benedetto, F.(1); Innocenti, M.(1); Tesi, S.(1); Bafaro, E.(2); Fornaciai, G.(2); D'Acapito, F. (3); Montegrossi, G.(4); Pardi, L.A. (5)subjectSilica pollutionsubjectfree silicasubjectchemical propertiessubjectphysical properties

Silice libera cristallina nei luoghi di lavoro. I contributi dei progetti finalizzati della Regione Toscana (2004-2009) nel campo della prevenzione, dell'igene industriale, della ricerca e dell'epidemiologia, edited by Capacci F.; Carnevale F.; Di Benedetto F., pp. 192–275, 2011

<http://www.cnr.it/prodotto/i/203024>

info:cnr-pdr/source/autori:Romanelli, M. (1); Bartali, L.(1); Di Benedetto, F.(1); Innocenti, M.(1); Tesi, S.(1); Bafaro, E.(2); Fornaciai, G.(2); D'Acapito, F. (3); Montegrossi, G.(4); Pardi, L.A. (5)/titolo:Caraterizzazione della SLC: Proprieta e altarazioni chimico-fisiche/titolo_volume:Silice libera cristallina nei luoghi di lavoro. I contributi dei progetti finalizzati della Regione Toscana (2004-2009) nel campo della prevenzione, dell'igene industriale, della ricerca e dell'epidemiologia/curatori_volume:Capacci F.; Carnevale F.; Di Benedetto F./editore:/anno:2011

128)-Audit Tecnologico spin-off Unical

Giuseppe Lombardo; Loredana Lucia

2011

<http://www.cnr.it/prodotto/i/213516>

129)-Rapporto di Audit Tecnologico spin off

Giuseppe Lombardo; Rosanna Tolone

2011

<http://www.cnr.it/prodotto/i/213519>

130)-Audit Tecnologico

Giuseppe Lombardo; Salvatore Abate; Maria Carmen Incutti

2011

<http://www.cnr.it/prodotto/i/213521>

131)-La valorizzazione dei risultati all'interno della ricerca pubblica: il caso del CNR

Giuseppe Lombardo

2011

<http://www.cnr.it/prodotto/i/213526>

132)-I progetti dimostrativi in Vigor

Giuseppe Lombardo

2011

<http://www.cnr.it/prodotto/i/213527>

133)-Silicon carbonate formed from carbon dioxide and silicon dioxide.

M. Santoro (a; b); F.A. Gorelli (a; b); J. Haines (c); O. Cambon (c); C. Levelut (d); G. Garbarino (e)

ESRF Highlights 2011, pp. 18–20, 2011

<http://www.cnr.it/prodotto/i/230541>

info:cnr-pdr/source/autori:M. Santoro (a,b), F.A. Gorelli (a,b), J. Haines (c), O. Cambon (c), C. Levelut (d) and G. Garbarino (e)/titolo:Silicon carbonate formed from carbon dioxide and silicon dioxide./titolo_volume:ESRF Highlights 2011/curatori_volume:/editore:/anno:2011

134)-Innovative electronic biosensors based on organic thin film transistor

MD Angione 1; S Cotrone 1; M Magliulo 1; N Cioffi 1; G Palazzo 1; L Sabbatini 1; L Torsi 1; G Scamarcio 2; D Fine 3; A Mallardi 4; A Dodabalapur 5

IEEE sensors, pp. 1579–1580, 2011

<http://www.cnr.it/prodotto/i/238958>

info:cnr-pdr/source/autori:MD Angione 1, S Cotrone 1, M Magliulo 1, N Cioffi 1, G Palazzo 1, L Sabbatini 1, L Torsi 1, G Scamarcio 2, D Fine 3, A Mallardi 4 and A Dodabalapur 5/congresso_nome:IEEE

sensors/congresso_luogo:/congresso_data:2011/anno:2011/pagina_da:1579/pagina_a:1580/intervallo_pagine:1579–1580

135)-METHOD TO REALIZE ELECTRONIC FIELD-EFFECT TRANSISTOR SENSORS.

Torsi Luisa a;

PCT/IT2011/000364, Internazionale

<http://www.cnr.it/prodotto/i/238926>

136)-Modelli alternativi alla sperimentazione animale per la valutazione della tossicità dei sistemi complessi.

Barbara Daresta; Gianluigi de Gennaro; Carla de Giorgi; Vania Cosma Liuzzi; Antonio Mazzone; Francesca Italiano; Massimo Trotta
subjectToxicitysubjectComplex sistemssubjectRhodobacter sphaeroides

Ecomondo - Rivoluzione EcoIndustriale, pp. 286–291, Rimini, 9-12 novembre

[urn:isbn:8838769869](http://www.cnr.it/prodotto/i/300041)

info:cnr-pdr/source/autori:Barbara Daresta, Gianluigi de Gennaro, Carla de Giorgi, Vania Cosma Liuzzi, Antonio Mazzone, Francesca Italiano, Massimo Trotta/congresso_nome:Ecomondo - Rivoluzione EcoIndustriale/congresso_luogo:Rimini/congresso_data:9-12 novembre/anno:2011/pagina_da:286/pagina_a:291/intervallo_pagine:286–291

137)-Evolutionary engineering of cobalt resistant Rhodobacter sphaeroides

Tekarslan S.H.; Yilmaz U.; Ak?it A.; Alkim C.; di Paolo F.; Trotta M.; Çakar ZP

ICEST 2011, International Conference on Enzyme Science and Technology, Kusadasi, (Tk), 31 October-04 November 2011

<http://www.cnr.it/prodotto/i/300041>

info:cnr-pdr/source/autori:Tekarslan S.H., Yilmaz U., Ak?it A., Alkim C., di Paolo F., Trotta M., Çakar ZP/congresso_nome:ICEST 2011, International Conference on Enzyme Science and Technology/congresso_luogo:Kusadasi, (Tk)/congresso_data:31 October-04 November 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

138)-NONLINEAR CHIROPTICAL PROPERTIES AND SPECTROSCOPIES

Antonio Rizzo

7th Congress of the International Society for Theoretical Chemical Physics (ISTCP-VII), Waseda University, Tokyo, Japan, 2-8 Settembre, 2011

<http://www.cnr.it/prodotto/i/300369>

info:cnr-pdr/source/autori:Antonio Rizzo/congresso_nome:7th Congress of the International Society for Theoretical Chemical Physics (ISTCP-VII)/congresso_luogo:Waseda University, Tokyo, Japan/congresso_data:2-8 Settembre, 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

139)-NONLINEAR SPECTROSCOPIES AND CHIRALITY

Antonio Rizzo

47th Symposium on Theoretical Chemistry (STC 2011). Designing Molecular Functionality: Challenges for Theoretical Approaches, Sursee, Switzerland, 21-25 Agosto 2011

<http://www.cnr.it/prodotto/i/300372>

info:cnr-pdr/source/autori:Antonio Rizzo/congresso_nome:47th Symposium on Theoretical Chemistry (STC 2011). Designing Molecular Functionality: Challenges for Theoretical

Approaches/congresso_luogo:Sursee, Switzerland/congresso_data:21-25 Agosto
2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

140)-NONLINEAR SPECTROSCOPIES AND CHIRALITY

Antonio Rizzo

Ninth Triennial Congress of The World Association of Theoretical and Computational Chemists - WATOC 2011, University of Santiago de Compostela, Santiago de Compostela, Spain, 17-22 Luglio, 2011

<http://www.cnr.it/prodotto/i/300375>

info:cnr-pdr/source/autori:Antonio Rizzo/congresso_nome:Ninth Triennial Congress of The World Association of Theoretical and Computational Chemists - WATOC 2011/congresso_luogo:University of Santiago de Compostela, Santiago de Compostela, Spain/congresso_data:17-22 Luglio, 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

141)-NON-LINEAR SPECTROSCOPIES AND CHIRALITY

Antonio Rizzo

"Holistic Computational Spectroscopy: innovative concepts, modern tools, strategic vision and challenges" -CODECS Workshop, Scuola Normale Superiore, Pisa, Italia, 16-18 Novembre 2011

<http://www.cnr.it/prodotto/i/300387>

info:cnr-pdr/source/autori:Antonio Rizzo/congresso_nome:"Holistic Computational Spectroscopy: innovative concepts, modern tools, strategic vision and challenges" -CODECS Workshop/congresso_luogo:Scuola Normale Superiore, Pisa, Italia/congresso_data:16-18 Novembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

142)-Particle Kinetics in Asymmetric Electrostatic Waves

Nocera L; Palumbo LJsubjectSolitary wavessubjectdouble layerssubjectBGK wavessubjectsheathssubjectasymmetrysubjectdistribution

functionssubjectdiscontinuitysubjectlogarithmic singularitysubjectVlasov equation

pp.1-18, 2011

<http://puma.isti.cnr.it>

143)-Metodo di dimensionamento di un generatore solare direttamente esposto alla radiazione solare e generatore solare ottenuto

Lombardo G.;

RM2011A000181, Nazionale

<http://www.cnr.it/prodotto/i/145008>

144)-Side-Chain Multifunctional Photoresponsive Polymeric Materials

Luigi Angiolini; Tiziana Benelli; Loris Giorgini; Attilio Golemme; Elisabetta Salatelli; Roberto Termine
, 2011

<http://www.cnr.it/prodotto/i/312116>

info:cnr-pdr/source/autori:Luigi Angiolini, Tiziana Benelli, Loris Giorgini, Attilio Golemme, Elisabetta Salatelli and Roberto Termine,/titolo:Side-Chain Multifunctional Photoresponsive Polymeric Materials/titolo_volume:/curatori_volume:/editore:/anno:2011

145)-Porous nanostructures formation using polyamidoamine dendrimers as template

L. Bonaccorsi; P. Calandra; E. Proverbio; D. Lombardo
subjectZeolitessubjectNanostructuressubjectDendrimerssubjectSelf-assembly
ADVANCES IN ZEOLITE SCIENCE AND TECHNOLOGY, edited by Domenico Caputo and Paolo Aprea, pp. 57–60. Napoli: De Frede, 2011

<urn:isbn:978-88-89976-33-3>

info:cnr-pdr/source/autori:L. Bonaccorsi, P. Calandra, E. Proverbio, D. Lombardo/titolo:Porous nanostructures formation using polyamidoamine dendrimers as template/titolo_volume:ADVANCES IN ZEOLITE SCIENCE AND TECHNOLOGY/curatori_volume:Domenico Caputo and Paolo Aprea/editore:

/anno:2011

146)-GROWTH OF POUROUS AGGREGATES DURING TEMPLATE DIRECTED SAPO34 ZEOLITE SYNTHESIS

L. Bonaccorsi; P. Calandra; H. Amenitsch; E. Proverbio; D. Lombardo
Annual report 2011 - Austrian SAXS Beamline at ELETTRA, edited by Sigrid Bernstorff, Heinz Amenitsch, pp. 103–104, 2011

<https://www.elettra.trieste.it/it/lightsources/elettra/elettra-beamlines/saxs/annual-report.html>

info:cnr-pdr/source/autori:L. Bonaccorsi, P. Calandra, H. Amenitsch, E. Proverbio, D. Lombardo/titolo:GROWTH OF POUROUS AGGREGATES DURING TEMPLATE DIRECTED SAPO34 ZEOLITE SYNTHESIS/titolo_volume:Annual report 2011 - Austrian SAXS Beamline at ELETTRA/curatori_volume:Sigrid Bernstorff, Heinz Amenitsch/editore:/anno:2011

147)-Charge interaction in branched polymer nanosystems and application in drug delivery

Domenico Lombardo

Workshop on Biomaterials and Their Interactions with Biological and Model Membranes (2011), Salou (Spagna), 19-23 Settembre 2011

<http://meeting.softmat.net/program/program-2011>

info:cnr-pdr/source/autori:Domenico Lombardo/congresso_nome:Workshop on Biomaterials and Their Interactions with Biological and Model Membranes (2011)/congresso_luogo:Salou (Spagna)/congresso_data:19-23 Settembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

148)-Charge interaction in branched polymer nanosystems and application in drug delivery

Domenico lombardo

Workshop on Biomaterials and Their Interactions with Biological and Model Membranes (2011), Salou (Spagna), 19-23 Settembre 2011

<http://meeting.softmat.net/program/program-2011>

info:cnr-pdr/source/autori:Domenico lombardo/congresso_nome:Workshop on Biomaterials and Their Interactions with Biological and Model Membranes (2011)/congresso_luogo:Salou (Spagna)/congresso_data:19-23 Settembre 2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

149)-Enhanced extraction efficiency in nanoimprinted light emitting structures mediated by plasmon-exciton interaction

Reboud, Vincent; Lévêque, Gaëtan; Kehoe, Timothy; Dudek, Damian; Kehagias, Nikolaos; Striccoli, Marinella; Placido, Tiziana; Panniello, Annamaria Maria; Curri, Maria Lucia; Alducin, Juan A.; Mecerreyes, David; Torres, Clivia Marfa Sotomayor

ICTON 2009: 11th International Conference on Transparent Optical Networks, 2011

<https://dx.doi.org/10.1109/ICO-IP.2011.5953705>

info:cnr-pdr/source/autori:Reboud, Vincent; Lévêque, Gaëtan; Kehoe, Timothy; Dudek, Damian; Kehagias, Nikolaos; Striccoli, Marinella; Placido, Tiziana; Panniello, Annamaria Maria; Curri, Maria Lucia; Alducin, Juan A.; Mecerreyes, David; Torres, Clivia Marfa Sotomayor/congresso_nome:ICTON 2009: 11th International Conference on Transparent Optical

Networks/congresso_luogo:/congresso_data:2011/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

150)-Toxicity of Silver Nanoparticles to Environmental Microbial Consortia

Dobias J; Costanza A; Suvorova E; Trotta M; Bernier-LatmanisubjectToxicitysubjectNanoparticlesubjectRhodobacter sphaeroides

Goldschmidth 2011. Earth, Life and Fire, Prague (Cz), 14-19 August

<http://www.cnr.it/prodotto/i/348772>

info:cnr-pdr/source/autori:Dobias J, Costanza A, Suvorova E, Trotta M & Bernier-Latmani/congresso_nome:Goldschmidth 2011. Earth, Life and Fire/congresso_luogo:Prague (Cz)/congresso_data:14-19 August/anno:2011/pagina_da:/pagina_a:/intervallo_pagine:

151)-Phase Separation and Equilibrium gels in a colloidal clay

B. Ruzicka (1); E. Zaccarelli (2); L. Zulian (3); R. Angelini (1); M. Sztucki (4); A. Moussaid (4); T. Narayanan (4); F. Sciortino (2)subjectphase separationsubjectequilibrium gelssubjectcolloidal clay

International Workshop on Dynamics in Viscous Liquids III, pp. 57, Accademia dei Lincei, Rome, March 30-April 2, 2011

<http://www.viscous-liquids.de/>

info:cnr-pdr/source/autori:B. Ruzicka (1); E. Zaccarelli (2); L. Zulian (3); R. Angelini (1); M. Sztucki (4); A. Moussaid (4); T. Narayanan (4); F. Sciortino (2)/congresso_nome:International Workshop on Dynamics in Viscous Liquids III/congresso_luogo:Accademia dei Lincei, Rome/congresso_data:March 30-April 2, 2011/anno:2011/pagina_da:57/pagina_a:/intervallo_pagine:57

152)-DANTE (Diagnostica Avanzata di Neutroni e Tecnologia per l'ESS) - POLARIZZAZIONE

G. Paolasini; C.MondellisubjectNeutron polarisation
2011

<http://www.cnr.it/prodotto/i/347026>