

Peer-reviewed journal articles

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

Coltelli MB.; Della Maggiore I.; Bertoldi M.; Signori F.; Bronco S.; Ciardelli F.subjectMECHANICAL-PROPERTIESsubjectPOLYMER

BLENDSsubjectPOLYLACTIDE/CLAY NANOCOMPOSITESsubjectCRYSTALLIZATION BEHAVIORsubjectPOLY(PROPYLENE GLYCOL)

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

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

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

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

TEMPERATUREsubjectNANOIMPRINT

LITHOGRAPHYsubjectPOLYETHYLENE

TEREPHTHALATEsubjectIMPRINT

LITHOGRAPHYsubjectABSORPTION

Langmuir 24 (2008): 12581–12586.

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

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

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

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

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

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

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

Alagona* G.; Ghio* C.subjectInterconversion mechanismssubjectPCM solvationsubjectwater-assisted mechanismssubjectG2MP2 calculationssubjectBSSE

International journal of quantum chemistry 108 (2008): 1840–1855.

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

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

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

Barcaro G.; Fortunelli A.

Chemical physics letters (Print) 456 (2008): 143–147.

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

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

Tombari E.; Ferrari C.; Salvetti G.; Johari G.P.subjectDIFFERENTIAL SCANNING CALORIMETRYsubjectVISCOUS-LIQUIDSsubjectENTHALPY RELAXATIONsubjectSUPERCOOLED LIQUIDsubjectTRANSITION

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

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

7)-Reply to Comment on

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

78 (2008): 176302–176303.

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

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

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

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

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

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

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

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

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

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

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

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

Barcaro G.; Fortunelli A.

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

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

11)-Metal adsorption on oxide polar ultrathin films

Barcaro G.; Fortunelli A.; Granozzi G.

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

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

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

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

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

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

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

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

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

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

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

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

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

467 (2008): 121.

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

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

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

Righetti M.C.; Tombari E.; Di Lorenzo M.L.subjectisotactic polystyrenesubjectthree-phase systemsubjectrigid amorphous fraction

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

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

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

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

Tombari E.; Ferrari C.; Salvetti G.; Johari G.P.subjectheat capacitysubjectglass transition

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

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

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

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

Pharmaceutical research 25 (2008): 902–912.

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

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

Tombari E.; Ferrari C.; Johari G.P.subjectDIFFERENTIAL SCANNING CALORIMETRYsubjectGLASS-FORMING LIQUIDSsubjectNARAYANASWAMY-MOYNIHAN MODELsubjectSUPERCOOLED LIQUIDsubjectDIELECTRIC-RELAXATION

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

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

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

Tombari E.; Ferrari C.; Johari G.P.; Shanker R.M.subjectSTRUCTURAL RELAXATIONsubjectDIELECTRIC-RELAXATIONsubjectSECONDARY RELAXATIONSsubjectENTHALPY RELAXATIONsubjectVISCOUS-LIQUIDS

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

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

20)-Low-Loss Microwave Ceramics Based on Non-Stoichiometric Perovskites Ba(Co_{1/3}Nb_{2/3})O₃ and Ba(Zn_{1/3}Nb_{2/3})O₃

Belous A.G.; Ovchar O.V.; Kramarenko O.V.; Bezjak J.; Jancar B.; Suvorov D.; Annino G. *Ferroelectrics (Print)* 367 (2008): 149–162.

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

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

Feifel R.; Velkov Y.; Carravetta V.; Angeli C.; Cimiraglia R.; SaBek P.; Gel'mukhanov F.; Sorensen S.L.; Pianca[telli M.N.]; De Fanis A.; Okada K.; Kitajima M.; Tanaka T.; Tanaka H.; Ueda K.subjectcomputational spectroscopysubjectXPSsubjectNEXAFSsubjectO₂

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

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

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

Zhang W.; Yang J.; Luo Y.; Monti S.; Carravetta V.subjectwatersubjectTiO₂ surfacesubjectCP dynamicssubjectpartial dissociation

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

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

23)-Ab-initio study of the magneto-optical rotation of diastereoisomers

Kula, M.; Cappelli, C.; Coriani, S.; Rizzo A.

ChemPhysChem (Print) 9 (2008): 462–469.

<http://www.cnr.it/prodotto/i/40017>

info:cnr-pdr/source/autori:Kula, M.; Cappelli, C.; Coriani, S.; Rizzo A./titolo:Ab-initio study of the magneto-optical rotation of diastereoisomers/

24)-Strong two-photon circular dichroism in helicenes: a theoretical investigation

Jansik, B.; Rizzo, A.; Agren, H.; Champagne, B.

Journal of chemical theory and computation 4 (2008): 457–467.

<http://www.cnr.it/prodotto/i/40018>

info:cnr-pdr/source/autori:Jansik, B.; Rizzo, A.; Agren, H.; Champagne, B./titolo:Strong two-photon circular dichroism in helicenes: a theoretical investigation/

25)-Solvent Effects on the Three-Photon Absorption of a Symmetric Charge-Transfer Molecule

Lin, N.; Ferrighi, L.; Zhao, X.; Ruud, K.; Rizzo, A.; Luo, Y.

112 (2008): 4703–4710.

<http://www.cnr.it/prodotto/i/40019>

info:cnr-pdr/source/autori:Lin, N.; Ferrighi, L.; Zhao, X.; Ruud, K.; Rizzo, A.; Luo, Y./titolo:Solvent Effects on the Three-Photon Absorption of a Symmetric Charge-Transfer Molecule/

26)-Ab initio study of the one- and two-photon circular dichroism of R-(+)-3-methyl-cyclopentanone

Rizzo, A.; Lin, N.; Ruud, K.

The Journal of chemical physics 128 (2008): 164312–164317.

<http://www.cnr.it/prodotto/i/40020>

info:cnr-pdr/source/autori:Rizzo, A.; Lin, N.; Ruud, K./titolo:Ab initio study of the one- and two-photon circular dichroism of R-(+)-3-methyl-cyclopentanone/

27)-Theoretical gas and dielectric second virial coefficients of CO-Ar

Cacheiro, J.L.; Fernandez, B.; Rizzo, A.; Jansík, B.; Pedersen, T. B.

Molecular physics (Print) 106 (2008): 881–892.

<http://www.cnr.it/prodotto/i/40021>

info:cnr-pdr/source/autori:Cacheiro, J.L.; Fernandez, B.; Rizzo, A.; Jansík, B.; Pedersen, T. B./titolo:Theoretical gas and dielectric second virial coefficients of CO-Ar/

28)-Analytic calculations of frequency-dependent hypermagnetizabilities and Cotton-Mouton constants using London atomic orbitals

Thorvaldsen, A. J.; Ruud, K.; Rizzo, A.; Coriani, S.

129 (2008): 164110–164114.

<http://www.cnr.it/prodotto/i/40022>

info:cnr-pdr/source/autori:Thorvaldsen, A. J.; Ruud, K.; Rizzo, A.; Coriani, S./titolo:Analytic calculations of frequency-dependent hypermagnetizabilities and Cotton-Mouton constants using London atomic orbitals/

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

Friselli, D.; Massa, C.A.; Martinelli, M.; Pardi, L.; Ricci, I.

Inorganica Chimica Acta (Testo stamp.) 361 (2008): 4164–4166.

<http://www.cnr.it/prodotto/i/40105>

info:cnr-pdr/source/autori:Friselli, D.; Massa, C.A.; Martinelli, M.; Pardi, L.; Ricci, I./titolo:Simulation of the propagation effects in the HF-EPR spectra of non-diluted magnetic materials/

30)-Multifrequency EMR and Magnetic Characterization of Synthetic Powdered Hematite

Carbone, C (Carbone, Cristina)[2]; Di Benedetto, F (Di Benedetto, Francesco)[1,3]; Sangregorio, C (Sangregorio, Claudio)[4,1]; Marescotti, P (Marescotti, Pietro)[2]; Pardi, LA (Pardi, Luca A.)[5]; Sorace, L (Sorace, Lorenzo)[4]subjectSUPERPARAMAGNETIC RESONANCE; ANTIFERROMAGNETIC RESONANCE; FERROMAGNETIC-RESONANCE; TEMPERATURE-DEPENDENCE; WEAK FERROMAGNETISM

Journal of physical chemistry. C 112 (2008): 9988–9995.

<https://dx.doi.org/10.1021/jp712045s>

31)-Reply to “Comment on ‘The Kirkwood-Buff theory of solutions and the local composition of liquid mixtures’

Matteoli E.; Lepori L.

112 (2008): 5878–5878.

<http://www.cnr.it/prodotto/i/40114>

info:cnr-pdr/source/autori:Matteoli E., Lepori L./titolo:Reply to “Comment on ‘The Kirkwood-Buff theory of solutions and the local composition of liquid mixtures’/

32)-Thermodynamic study of perfluorohexane + ether mixtures. VLE, LLE, and HE

Duce C.; Tine’ M.R.; Lepori L.; Matteoli E.

Fluid phase equilibria 269 (2008): 58–68.

<http://www.cnr.it/prodotto/i/40115>

info:cnr-pdr/source/autori:Duce C., Tine’ M.R., Lepori L., Matteoli E./titolo:Thermodynamic study of perfluorohexane + ether mixtures. VLE, LLE, and HE/

33)-A comparative study of thermodynamic properties of binary mixtures containing perfluoroalkanes.

Duce C.; Tine’ M.R.; Lepori L.; Matteoli E.; Marongiu B.; Piras A.

92 (2008): 145–154.

<http://www.cnr.it/prodotto/i/40116>

info:cnr-pdr/source/autori:Duce C., Tine’ M.R., Lepori L., Matteoli E., Marongiu B., Piras A./titolo:A comparative study of thermodynamic properties of binary mixtures containing perfluoroalkanes./

34)-Structural and conformational investigation of nemorosone: a combined X ray and ab initio study

Pagano B.; M. Pavone; A. L.Piccinelli; L. Rastrelli; O. Cuesta-Rubio; V. Barone; C. A. Mattia

Chemical physics letters (Print) 462 (2008): 158–163.

<http://www.cnr.it/prodotto/i/40154>

info:cnr-pdr/source/autori:Pagano B. , M. Pavone, A. L.Piccinelli, L. Rastrelli, O. Cuesta-Rubio, V. Barone, C. A. Mattia/titolo:Structural and conformational investigation of nemorosone: a combined X ray and ab initio study/

35)-An artificial disc: chemical and biomechanical analysis

Mercuri; D.; Leone; G.; Barbucci; R.; Favalaro; R.; Facchini; A.; Signori; F.; Bronco; S.; Ciardelli; F.

Macromolecular symposia 266 (2008): 74–80.

<http://www.cnr.it/prodotto/i/40333>

info:cnr-pdr/source/autori:Mercuri, D., Leone, G., Barbucci, R., Favalaro, R., Facchini, A., Signori, F., Bronco, S., Ciardelli, F./titolo:An artificial disc: chemical and biomechanical analysis/

36)-The Morphology of Electrostatic Tripolar Regions

Nocera L.subjectPlasmasubjectOscillationssubjectTripolar regionssubjectIsolated electrostatic structuresubjectElectrostatic solitary waves

Annals of physics (Print) 323 (2008): 2482–2504.

<https://dx.doi.org/10.1016/j.aop.2008.05.004>

37)-Low-Loss Microwave Ceramics Based on Non-Stoichiometric Perovskites Ba(Co_{1/3}Nb_{2/3})O₃ and Ba(Zn_{1/3}Nb_{2/3})O₃

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

Ferroelectrics (Print) (2008).

<http://www.cnr.it/prodotto/i/40643>

info:cnr-pdr/source/autori:Belous A.G., O. V. Ovchar O.V., Kramarenko O.V., Bezzak J., Jancar B., Suvorov D., Annino G./titolo:Low-Loss Microwave Ceramics Based on Non-Stoichiometric Perovskites Ba(Co_{1/3}Nb_{2/3})O₃ and Ba(Zn_{1/3}Nb_{2/3})O₃/

38)-An Artificial Disc: Medical and Biomechanical Analysis

Mercuri, D.; Leone, G.; Barbucci, R.; Favalaro, R.; Facchini, A.; Signori, F.; Bronco, S.; Ciardelli, F.subjectannulus fibrosussubjectguar gumsubjecthydrogelsubjectintervertebral disc degenerationsubjectnucleus pulposus

Macromolecular symposia 266 (2008): 74–80.

<https://dx.doi.org/10.1002/masy.200850614>

39)-Quantum dynamics of the NH₂ +H reactions on the NH₂ surface.

S. Akpinar; P. Defazio; P. Gamallo; C. Petrongolo.

129 (2008): 174307.

<http://www.cnr.it/prodotto/i/40659>

info:cnr-pdr/source/autori:S. Akpınar, P. Defazio, P. Gamallo, and C. Petrongolo./titolo:Quantum dynamics of the NH +H reactions on the NH₂ surface./

40)-Renner-Teller coupled-channel dynamics of the N +H₂ reaction and the role of the NH₂ state.

P. Gamallo; P. Defazio; M. González; C. Petrongolo.

129 (2008): 244307.

<http://www.cnr.it/prodotto/i/40660>

info:cnr-pdr/source/autori:P. Gamallo, P. Defazio, M. González, and C. Petrongolo./titolo:Renner-Teller coupled-channel dynamics of the N +H₂ reaction and the role of the NH₂ state./

41)-On the insights into phases of liquid water from study of its unusual glass-forming properties

Mallamace F.(1); Tombari E.(2); Salvetti G.(2); Johari G.P.(3)
(2008).

<http://www.cnr.it/prodotto/i/66432>

info:cnr-pdr/source/autori:Mallamace F.(1), Tombari E.(2), Salvetti G.(2), Johari G.P.(3)/titolo:On the insights into phases of liquid water from study of its unusual glass-forming properties/

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

Battocchio C.; Iucci G.; Dettin M.; Monti S.; Carravetta V.; Polzonetti G.subjectL-alanine-L-glutamic acidssubjectL-alanine-L-lysinesubjectTiO₂ surfacesubjectXPSsubjectcomputational spectroscopy

Journal of physics. Conference series (Print) 100 (2008): 52079–52082.

<https://dx.doi.org/10.1088/1742-6596/100/5/052079>

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

Bercu V.; Martinelli M.; Massa C. A.; Pardi L. A.; Leporini D.subjectGLASS-TRANSITIONsubjectPOLYSTYRENEsubjectRELAXATIONsubjectRESONANCEsubjectLIQUIDS

Applied magnetic resonance 33 (2008): 365–370.

<http://www.cnr.it/prodotto/i/166906>

info:cnr-pdr/source/autori:Bercu V.; Martinelli M.; Massa C. A.; Pardi L. A.; Leporini D./titolo:Physics of polymers at the Italian high-field EPR facility: Heterogeneities and fast dynamics/

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

Ferrando R.; Rossi G.; Nita F.; Barcaro G.; Fortunelli A.subjectGENERALIZED-GRADIENT-APPROXIMATIONsubjectGLOBAL OPTIMIZATIONsubjectALLOY NANOCCLUSERSsubjectCATALYTIC-ACTIVITYsubjectCLUSTERS
ACS nano 2 (2008): 1849–1856.
<https://dx.doi.org/10.1021/nn800315x>

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

Sedona, F; Granozzi, G; Barcaro, G; Fortunelli, A.subjectSCANNING-TUNNELING-MICROSCOPYsubjectMETAL-SUPPORT INTERACTIONSsubjectHETEROGENEOUS CATALYSTSsubjectMODEL CATALYSTSsubjectFILMS
Physical review. B, Condensed matter and materials physics 77 (2008): 115417.
<https://dx.doi.org/10.1103/PhysRevB.77.115417>

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

Bercu V.; Martinelli M.; Massa C.A.; Pardi L.A.; Rossler E.A.; Leporini D.subjectDEPOLARIZED LIGHT-SCATTERINGsubjectMODE-COUPPLING THEORYsubjectO-TERPHENYLsubjectSTRUCTURAL RELAXATIONsubjectNEUTRON-SCATTERING
The Journal of chemical physics 129 (2008).
<https://dx.doi.org/10.1063/1.2973660>

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

Passaglia E.; Bertoldo M.; Ceriigi S.; Sulcis R.; Narducci P.; Conzatti L.subjectPolyolefin/Clay NanocompositessubjectGas Barrier PropertiessubjectPolyolefin ModificationssubjectPolymer Confinement
Journal of nanoscience and nanotechnology (Print) 8 (2008): 1690–1699.
<https://dx.doi.org/10.1166/jnn.2008.034>

48)-Core level study of alanine and threonine

Feyer V.; Plekan O.; Richter R.; Coreno M.; Prince K.C.; Carravetta V.subjectcomputational spectroscopysubjectalanine threoninesubjectXPSsubjectNEXAFS
The journal of physical chemistry. A 112 (2008): 7806–7815.
<https://dx.doi.org/10.1021/jp803017y>

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

Di Lorenzo M.L.; Righetti M.C.
Polymer (Guildford) 49 (2008): 1323–1331.
<https://dx.doi.org/10.1016/j.polymer.2008.01.026>

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

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

The journal of physical chemistry. B 112 (2008): 4233–4241.

<http://www.cnr.it/prodotto/i/171517>

info:cnr-pdr/source/autori:M.C. Righetti; M.L. Di Lorenzo; E. Tombari; M. Angiuli/titolo:The Low-Temperature Endotherm in Poly(ethylene terephthalate): Partial Melting and Rigid Amorphous Fraction Mobilization/

51)-The umbrella motion of core-excited CH₃ and CD₃ methyl radicals

Ekström U.; Carravetta V.; Alagia M. Lavollee M.; Richter R.; Bolcato C.; Stranges S.subjectcomputational spectroscopysubjectmethyl radicalsubjectNEXAFSsubjectDFT

The Journal of chemical physics 128 (2008): 044302-1–04432-11.

<https://dx.doi.org/10.1063/1.2822246>

52)-The Protein "Glass" Transition and the Role of the Solvent

K.L. Ngai; Capaccioli S., Shinyashiki N.subjectprotein dynamicssubjectglass transitionssubjectbeta relaxation

The journal of physical chemistry. B 112 (2008): 3826–3832.

<https://dx.doi.org/10.1021/jp710462e>

53)-Surface modification of a synthetic polyurethane by plasma glow discharge: Preparation and characterization of bioactive monolayers

Sartori S.; Rechichi A.; Vozzi G.; D'Acunto M.; Heine E.; Giusti P.; Ciardelli G.subjectPolyurethanesubjectPlasma treatmentsubjectBioactivesubjectBiomimeticsubjectTissue Engineering

Reactive & functional polymers (Print) 68 (2008): 809–821.

<https://dx.doi.org/10.1016/j.reactfunctpolym.2007.12.002>

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

Barcaro, Giovanni;

PCCP. Physical chemistry chemical physics (Print) 10 (2008): 7329–7329.

<https://dx.doi.org/10.1039/B820726G>

55)-Critical Issues of Current Research on the Dynamics Leading to Glass Transition

Capaccioli, S; Thayyil, MS; Ngai, KLsubjectMODE-COUPPLING-THEORYsubjectGOLDSTEIN BETA-RELAXATIONsubjectMISCIBLE POLYMER BLENDSsubjectALPHA-RELAXATIONsubjectSUPERCOOLED LIQUIDS

The journal of physical chemistry. B 112 (2008): 16035–16049.

<http://www.cnr.it/prodotto/i/2977>

info:cnr-pdr/source/autori:Capaccioli, S; Thayyil, MS; Ngai, KL/titolo:Critical Issues of Current Research on the Dynamics Leading to Glass Transition/

56)-Enthalpy-based determination of crystalline, mobile amorphous and rigid amorphous fractions in semicrystalline polymers. Poly(ethylene terephthalate) (vol 462, pg 15, 2007)

Righetti, Maria Cristina; Tombari, Elpidio; Angiuli, Marco; Di Lorenzo, Maria Laura
subject Three-phase system; Crystalline fraction; Mobile amorphous fraction; Rigid amorphous fraction; Enthalpy

Thermochimica Acta 467 (2008): 121–121.

<https://dx.doi.org/10.1016/j.tca.2007.10.019>

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Other publications (journals without peer review, book reviews,etc.)

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

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

AICAT 2008, Pisa, 2008

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

info:cnr-pdr/source/autori:Lepori L., Bussolino G. C., Matteoli E., Spanedda A./congresso_nome:AICAT

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

2)-Cause e conseguenze del riscaldamento del pianeta

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

Il Congresso Nazionale AIGE, Pisa, 2008

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

info:cnr-pdr/source/autori:Lepori L., Matteoli E., Bussolino G. C./congresso_nome:Il Congresso Nazionale

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

3)-Calorimetric studies of nanoconfined water

Ferrari C.; Salvetti G.; Tombari E.

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

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

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

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

Ferrari C.; Tombari E.

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

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

info:cnr-pdr/source/autori:Ferrari C., Tombari E./congresso_nome:XXX National Congress on calorimetry, Thermal Analysis and Chemical Thermodynamics Pisa, 9-

12/12/2008/congresso_luogo:Pisa/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

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

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

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

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

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

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

Matteoli E.; Lepori L.; Spanedda A.

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

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

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

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

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

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

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

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

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

Matteoli E.; Lepori L.; Spanedda A.

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

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

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

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

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

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

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

Revoltella Roberto P
2008
<http://www.cnr.it/prodotto/i/88188>

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

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

Revoltella Roberto P
Roma, 2008
<http://www.cnr.it/prodotto/i/88189>

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

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

Revoltella Roberto P
Ferrara, 2008
<http://www.cnr.it/prodotto/i/88190>

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

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

Revoltella Roberto P

Genova, 2008

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

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso_nome:/congresso_luogo:Genova/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

14)-Calorimetry for edible oil authentication

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

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

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

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

15)-POLYETHYLENE FUNCTIONALIZATION WITH NITROXYL FREE RADICAL

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

XVII Congresso Nazionale di Chimica Industriale, Genova, 2008

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

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

16)-Electron and ion kinetics in electrostatic tripolar regions

Nocera L.subjectPlasmasubjectTripolar regionssubjectDouble layerssubjectsolitons

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

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

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

17)-Polypropylene radical functionalization with furan and thiophene derivatives

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

MoDeSt 2008 conference, Liège, 2008

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

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

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

Alagona G.; Ghio C.subjectB3LYP/6-31G*subjectHydroformylationsubjectSelectivitysubjectLanL2DZsubjectDomino reaction

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

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

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

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

Alagona G.; Ghio C.subjectB3LYP/6-31G*subjectMetal ion affinitysubjectCopper cationssubjectChelation ability

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

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

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

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

Alagona G.; Ghio C.subjectB3LYP/6-31G*subjectPCM solvationsubjectMetal Ion AffinitysubjectChelation ability

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

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

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

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

Alagona G.; Ghio C. subjectB3P86/6-31G*subjectIEF-PCMsubjectWittig reaction
34° Congresso Internazionale Chimici Teorici Espressione Latina, Luglio 3-8, Cetraro (CS), 2008

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

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

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

Settambolo R.; Alagona G.; Ghio C.; Lazzaroni R.
7th Spanish-Italian Symposium on Organic Chemistry, Sept. 7-10, Oviedo (Spain), 2008

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

info:cnr-pdr/source/autori:Settambolo R., Alagona G., Ghio C., Lazzaroni R./congresso_nome:7th Spanish-Italian Symposium on Organic Chemistry, Sept. 7-10/congresso_luogo:Oviedo (Spain)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

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

Alagona G.; Ghio C.; Lazzaroni R.
WATOC 2008, Sept. 14-19, Sydney (Australia), 2008

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

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

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

Alagona G.; Ghio C.
WATOC 2008, Sept. 14-19, Sydney (Australia), 2008

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

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

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

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

"10th Lahnwitzseminar on Calorimetry", 8-13 June 2008, Rostock, Germany., 2008

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

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

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

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

"10th Lahnwitzseminar on Calorimetry", 8-13 June 2008, Rostock, Germany., 2008

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

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

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

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

"10th Lahnwitzseminar on Calorimetry", 8-13 June 2008, Rostock, Germany., 2008

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

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

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

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

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

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

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

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

Alagona G.; Ghio C.

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

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

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

30)-Low-Loss Perovskite Niobates $Ba(M_{2+1/3}Nb_{2/3})O_3$: Composition, Structure, and Microwave Dielectric Properties

Belous A.; Ovchar O.; Kramarenko O.; Mischuk D.; Jancar B.; Spreitzer M.; Annino G.; Grebennikov D.; Mascher P.

5th International Conference on Microwave Materials and Their Applications MMA-2008, Hangzhou (China), 2008

<http://www.cnr.it/prodotto/i/117014>

info:cnr-pdr/source/autori:Belous A., Ovchar O., Kramarenko O., Mischuk D., Jancar B., Spreitzer M., Annino G., Grebennikov D., Mascher P./congresso_nome:5th International Conference on Microwave Materials and Their Applications MMA-2008,/congresso_luogo:Hangzhou (China)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

31)-The effect of impurity phases on the structure and properties of microwave dielectrics based on complex perovskites $Ba(M_{1/32}Nb_{2/3})O_3$

A. Belous; O. Ovchar; O. Kramarenko; D. Mischuk; B. Jancar; M. Spreitzer; G. Annino; D. Grebennikov; P. Mascher

5th International Conference on Microwave Materials and Their Applications MMA-2008, Hangzhou (China), 2008

<http://www.cnr.it/prodotto/i/117015>

info:cnr-pdr/source/autori:A. Belous, O. Ovchar, O. Kramarenko, D. Mischuk, B. Jancar, M. Spreitzer, G. Annino, D. Grebennikov, and P. Mascher/congresso_nome:5th International Conference on Microwave Materials and Their Applications MMA-2008/congresso_luogo:Hangzhou (China)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

32)-Development of W-Band single-mode resonators for EPR, ENDOR, and DNP applications

Annino G.; Martinelli M.; Villanueva-Garibay J.A.; van Bentum P.J.M.; Klaassen A.A.K.; Kentgens A.P.M.; Moons H.; Fittipaldi M.; Van Doorslaer S.; Goovaerts E.

Euromar 2008, San Pietroburgo, 2008

<http://www.cnr.it/prodotto/i/117016>

info:cnr-pdr/source/autori:Annino G., Martinelli M., Villanueva-Garibay J.A., van Bentum P.J.M., Klaassen A.A.K., Kentgens A.P.M., Moons H., Fittipaldi M., Van Doorslaer S., Goovaerts E./congresso_nome:Euromar 2008/congresso_luogo:San Pietroburgo/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

33)-3 T DNP investigations by means of an open microwave resonator

G. Annino; J. A. Villanueva-Garibay; P. J. M. van Bentum; A. A. K. Klaassen; A. P. M. Kentgens

International COST Meeting on Advanced Paramagnetic Resonance Methods in Molecular Biophysics, Siena, 2008

<http://www.cnr.it/prodotto/i/117017>

info:cnr-pdr/source/autori:G. Annino, J. A. Villanueva-Garibay, P. J. M. van Bentum, A. A. K. Klaassen, A. P. M. Kentgens/congresso_nome:International COST Meeting on Advanced Paramagnetic Resonance Methods in Molecular Biophysics/congresso_luogo:Siena/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

34)-Sviluppo di ceramici a struttura perovskitica con alta impedenza superficiale e bassa tangente di perdita per sistemi di telecomunicazioni

B. Cioni; G. Gallone; G. Levita; G. Annino; A. Lazzeri

9° Convegno Nazionale AIMAT (Associazione italiana d'ingegneria dei materiali), Piano di Sorrento (NA), 2008

<http://www.cnr.it/prodotto/i/117018>

info:cnr-pdr/source/autori:B. Cioni, G. Gallone, G. Levita, G. Annino, A. Lazzeri/congresso_nome:9° Convegno Nazionale AIMAT (Associazione italiana d'ingegneria dei materiali)/congresso_luogo:Piano di Sorrento (NA)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

35)-LINEAR AND NONLINEAR ABSORPTION SPECTRA: VIBRATIONAL AND CONFORMATION EFFECTS

Rizzo; A.

First International Vibrational Optical Activity Conference 2008, Manchester, U.K., 2008

<http://www.cnr.it/prodotto/i/117087>

info:cnr-pdr/source/autori:Rizzo, A./congresso_nome:First International Vibrational Optical Activity Conference 2008/congresso_luogo:Manchester, U.K./congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

36)-THE AB INITIO CALCULATION OF LINEAR AND NONLINEAR PROPERTIES OF CHIRAL SYSTEMS

Rizzo; A.

Meeting on the Origins of Homochirality, Stockholm, Sweden, 2008

<http://www.cnr.it/prodotto/i/117088>

info:cnr-pdr/source/autori:Rizzo, A./congresso_nome:Meeting on the Origins of Homochirality/congresso_luogo:Stockholm, Sweden/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

37)-Substrate directed 1,3-asymmetric induction in rhodium-catalyzed hydroformylation of chiral vinyl ethers: the outstanding case of (R)-1-phenyl-2,2-dimethylpropyl vinyl ether

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

International Symposium on Homogeneous Catalysis - ISHC_XVI, July 6-11, Florence (Italy), 2008

<http://www.cnr.it/prodotto/i/117106>

info:cnr-pdr/source/autori:Lazzaroni R., Settambolo R., Alagona G., Ghio C./congresso_nome:International Symposium on Homogeneous Catalysis - ISHC_XVI, July 6-11/congresso_luogo:Florence (Italy)/congresso_data:2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

38)-QM/MM methods and applications

Ghio C.subjectQM/MMsubjectLink atomssubjectForce fieldsubjectparameterssubjectpoint charges

. Padova: CLEUP, 2008

<http://www.cnr.it/prodotto/i/137265>

info:cnr-pdr/source/autori:Ghio C./titolo:QM/MM methods and applications/titolo_volume:/curatori_volume:/editore:

/anno:2008

39)-Metodi fisici per test d'identificazione rapida della varietà dei semi di girasole e della qualità dell'olio estratto

Salveti G.;

PI2008A000065, Nazionale

<http://www.cnr.it/prodotto/i/144984>

40)-Calorimetro multimodo differenziale

Salveti G.;

PI2008A000066

<http://www.cnr.it/prodotto/i/144985>

41)-Coherent spectroscopy in Potassium vapor with amplitude modulated light

Gozzini S.; Cartaleva S.; Slavov D.; Marmugi L.; Lucchesini A. subject coherent population trapping subject electromagnetic induced transparency subject magnetometry

15TH INTERNATIONAL SCHOOL ON QUANTUM ELECTRONICS: LASER PHYSICS AND APPLICATIONS, pp. 70270K-1–70270K-8, Bourgas, Bulgaria, SEP 15-19, 2008

<https://dx.doi.org/10.1117/12.822458>

info:cnr-pdr/source/autori:Gozzini S.; Cartaleva S.; Slavov D.; Marmugi L.; Lucchesini A./congresso_nome:15TH INTERNATIONAL SCHOOL ON QUANTUM ELECTRONICS: LASER PHYSICS AND APPLICATIONS/congresso_luogo:Bourgas, Bulgaria/congresso_data:SEP 15-19, 2008/anno:2008/pagina_da:70270K-1/pagina_a:70270K-8/intervallo_pagine:70270K-1–70270K-8

42)-The low temperature endotherm in poly(ethylene terephthalate): partial melting and rigid amorphous fraction mobilization

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

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

<http://www.cnr.it/prodotto/i/173597>

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

43)-VIBRATIONAL STATE DEPENDENCE OF AND D ASYMMETRY PARAMETERS FOR THE HOMO PHOTOELECTRON BAND OF METHYLOXIRANE

G. Contini; N. Zema; S. Turchini; D. Catone; T. Prosperi; V. Carravetta; P. Bolognesi; L. Avaldi; V. Feyer

Società Italiana di Luce di Sicrotrone - XVI Congresso, Palermo, Italia, 26-28/06/2008

<http://www.cnr.it/prodotto/i/190150>

info:cnr-pdr/source/autori:G. Contini, N. Zema, S. Turchini, D. Catone, T. Prosperi, V. Carravetta, P. Bolognesi, L. Avaldi, V. Feyer/congresso_nome:Società Italiana di Luce di Sicrotrone - XVI Congresso/congresso_luogo:Palermo, Italia/congresso_data:26-28/06/2008/anno:2008/pagina_da:/pagina_a:/intervallo_pagine:

44)-Modulation of the response of polymer materials through molecular interactions and nanodispersion

Ciardelli, F; Pieroni, O; Bronco, S; Ruggeri, G; Pucci, A subject POLY(L-GLUTAMIC ACID) subject DICHROIC PROPERTIES subject POLYETHYLENE FILMS subject SPIROPYRAN UNITS subject BIS(BENZOXAZOLYL)STILBENE subject CONFORMATION subject PHOTO MODULATION subject POLY(L-LYSINE) subject DEFORMATION subject ABSORPTION
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