

Peer-reviewed journal articles

1)-Theory for vibrationally resolved two-photon circular dichroism spectra. Application to (R)-(+)-3-methylcyclopentanone

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

The journal of physical chemistry. A 113 (2009): 4198–4207.

<http://www.cnr.it/prodotto/i/39008>

info:cnr-pdr/source/autori:Lin, N.; Santoro, F.; Rizzo, A.; Luo, Y.; Zhao, X.; Barone V./titolo:Theory for vibrationally resolved two-photon circular dichroism spectra. Application to (R)-(+)-3-methylcyclopentanone/

2)-Analytic calculations of nonlinear mixed electric and magnetic frequency-dependent molecular properties using London atomic orbitals: Buckingham birefringence

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

PCCP. Physical chemistry chemical physics (Print) 11 (2009): 816–825.

<https://dx.doi.org/10.1039/b815752a>

3)-Coherent population trapping and strong electromagnetically induced transparency resonances on the D1 line of potassium

Gozzini S.(1); Cartaleva S.(2), Lucchesini A.(1), Marinelli C.(3), Marmugi L.(1), Slavov D.G.(2), Karaulanov T.(2,4)subjectcoherent population trappingsubjectelectromagnetically induced transparencysubjectmagnetic resonance spectrasubjecttunable diode laserssubjectpotassium

The European physical journal. D, Atomic, molecular and optical physics (Print) 53 (2009): 153–161.

<https://dx.doi.org/10.1140/epjd/e2009-00126-5>

4)-Computational Results Provide a Synthetically Unprecedented Explanation for the beta-Regioselectivity in the Rh-catalyzed Hydroformylation of Vinylidene Substrates

Ghio C.; Lazzaroni R.; Alagona* G.subjectRegioselectivitysubjectHomogeneous catalysissubjectDensity functional calculationssubjectHydroformylation

European journal of inorganic chemistry (Print) (2009): 98–103.

<http://www.cnr.it/prodotto/i/40037>

info:cnr-pdr/source/autori:Ghio C., Lazzaroni R., Alagona* G./titolo:Computational Results Provide a Synthetically Unprecedented Explanation for the beta-Regioselectivity in the Rh-catalyzed Hydroformylation of Vinylidene Substrates/

5)-Plicatin B Conformational Landscape and Affinity to Copper (I and II) Metal Cations. A DFT Study

Alagona* G.; Ghio C.subjectB3LYP/6-31G*subjectLanL2DZsubject1:1 complexessubjectIEF-PCM continuum solvationsubjectMetal ion affinity

PCCP. Physical chemistry chemical physics (Print) 11 (2009): 776–790.

<http://www.cnr.it/prodotto/i/40038>

info:cnr-pdr/source/autori:Alagona* G., Ghio C./titolo:Plicatin B Conformational Landscape and Affinity to Copper (I and II) Metal Cations. A DFT Study/

6)-Stepwise vs concerted mechanisms in the Wittig reaction in vacuo and in THF: the case of 2,4-dimethyl-3-pyrrol-1-yl-pentanal and triphenylphosphonium ylide

Alagona* G.; Ghio C.subjectDensity functional calculationssubjectB3LYP/6-31G*subjectIEF-PCMSsubjectReaction mechanismssubjectOxaphosphetane-betaine
Theoretical Chemistry accounts (Print) 123 (2009): 337–346.

<http://www.cnr.it/prodotto/i/40039>

info:cnr-pdr/source/autori:Alagona* G., Ghio C./titolo:Stepwise vs concerted mechanisms in the Wittig reaction in vacuo and in THF: the case of 2,4-dimethyl-3-pyrrol-1-yl-pentanal and triphenylphosphonium ylide/

7)-Interaction of biomolecular systems with titanium-based materials: computational investigations

Carravetta V.; Monti S.; Zhang W.H.subjectcomputational spectroscopysubjectbiomoleculessubjectTiO2 surfacesubjectx-ray spectroscopy
Theoretical Chemistry accounts (Print) 123 (2009): 299–309.

<http://www.cnr.it/prodotto/i/40085>

info:cnr-pdr/source/autori:Carravetta V., Monti S., Zhang W.H./titolo:Interaction of biomolecular systems with titanium-based materials: computational investigations/

8)-Electronic structure of [121]tetramantane-6-thiol on gold and silver surfaces

Zhang W.H.; Gao B.; Yang J.L.; Wu Z.Y.; Carravetta V.; Luo Y.subjectcomputational spectroscopysubjectnegative electron affinitysubjectXPSsubjectDFT
THE JOURNAL OF CHEMICAL PHYSICS 130 (2009): 54705–54709.

<https://dx.doi.org/10.1063/1.3072334>

9)-A novel microwave photochemical reactor for the oxidative decomposition of Acid Orange 7 azo dye by MW/UV/H2O2 process

Ferrari C.; Longo I.; Tombari E.; Bramanti E.subjectENVIRONMENTAL REMEDIATIONsubjectUV/H2O2 PROCESSsubjectDEGRADATIONsubjectH2O2subjectDECOLORIZATION
Photochemistry and photobiology 204 (2009): 115–121.

<https://dx.doi.org/10.1016/j.jphotochem.2009.03.001>

10)-Full control of sodium vapor density in siloxane-coated cells using blue LED light-induced atomic desorption

Bogi A.; Marinelli C.; Burchianti A.; Mariotti E.; Moi L.; Gozzini S.; Marmugi L.; Lucchesini A.subjectoptical devicesubjectatomic spectroscopysubjectatomic desorption
Optics letters 34 (2009): 2643–2645.

<https://dx.doi.org/10.1364/OL.34.002643>

11)-Antioxidant properties of pterocarpan through their copper(II) coordination ability. A DFT study in vacuo and in aqueous solution (PCM)

Alagona* G.; Ghio* C.subjectmetal ion affinitysubjectIEF-PCMsubjectspin densitysubjectBSSEsubjectB3LYP/6-31G*/LanL2DZ
113 (2009): 15206–15216.

<http://www.cnr.it/prodotto/i/40189>

info:cnr-pdr/source/autori:Alagona* G., Ghio* C./titolo:Antioxidant properties of pterocarpan through their copper(II) coordination ability. A DFT study in vacuo and in aqueous solution (PCM)/

12)-Analysis of High Efficiency Electromagnetically Induced Transparency in Potassium Vapor

Gozzini S.; Slavov D.; Cartaleva S.; Marmugi L.; Lucchesini A.subjectMagneto-optical and electro-optical spectra and effectssubjectLevel crossing and optical pumpingsubjectZeeman and Stark effects

Acta Physica Polonica. A 116 (2009): 489–491.

<http://www.cnr.it/prodotto/i/40190>

info:cnr-pdr/source/autori:Gozzini S.; Slavov D.; Cartaleva S.; Marmugi L.; Lucchesini A./titolo:Analysis of High Efficiency Electromagnetically Induced Transparency in Potassium Vapor/

13)-Effect of the laser parameters on the plasma shielding in single and double pulse configuration during the ablation of an aluminium target

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

Journal of physics. D, Applied physics (Print) 42 (2009): 225207.

<https://dx.doi.org/10.1088/0022-3727/42/22/225207>

14)-Protective activity of plicatin B against the human LDL oxidation induced in metal ion-dependent and -independent processes. Experimental and theoretical studies

Turchi* G.; Alagona G.; Lubrano V.subjectLDLsubjectPeroxidationsubjectCoppersubjectABAPsubjectAntioxidantmechanisms
Phytomedicine (Stuttg.) 16 (2009): 1014–1026.

<http://www.cnr.it/prodotto/i/40204>

info:cnr-pdr/source/autori:Turchi* G., Alagona G., Lubrano V./titolo:Protective activity of plicatin B against the human LDL oxidation induced in metal ion-dependent and -independent processes. Experimental and theoretical studies/

15)-Cooperative Phase Transformation in Self-Assembled Metal-on-Oxide Arrays

Barcaro G.; Fortunelli A.; Granozzi G.; Sedona F.

Journal of physical chemistry. C 113 (2009): 1143–1146.

<https://dx.doi.org/10.1021/jp808695r>

16)-Structure of Reduced Ultrathin TiO_x Polar Films on Pt(111)

Barcaro G.; Agnoli S.; Sedona F.; Rizzi G. A.; Fortunelli A.; Granozzi G.
Journal of physical chemistry. C 113 (2009): 5721–5729.
<https://dx.doi.org/10.1021/jp811020s>

17)-Au nanoparticles on a templating TiO_x/Pt(111) ultrathin polar film: a photoemission and photoelectron diffraction study

Rizzi G. A.; Sedona F.; Artiglia L.; Agnoli S.; Barcaro G.; Fortunelli A.; Cavaliere E.; Gavioli L.; Granozzi G.
PCCP. Physical chemistry chemical physics (Print) 11 (2009): 2177–2185.
<https://dx.doi.org/10.1039/b819791a>

18)-The CO-Ne van der Waals complex: ab initio intermolecular potential energy, interaction induced electric dipole moment and polarizability surfaces, and second virial coefficients

Baranowska, A.; Fernández, B.; Jansík, B.; Rizzo, A.
PCCP. Physical chemistry chemical physics (Print) 11 (2009): 9871–9883.
<https://dx.doi.org/10.1039/B905806K>

19)-Jones and magnetoelectric birefringence of pure substances. A computational study

Rizzo, A.; Shcherbin, D.; Ruud, K.
Canadian journal of chemistry (Print) 87 (2009): 1352–1361.
<https://dx.doi.org/10.1139/V09-087>

20)-Structural and electronic properties of small platinum metallorganic complexes

Barcaro G.; Fortunelli A.
Theoretical Chemistry accounts (Print) 123 (2009): 317–325.
<https://dx.doi.org/10.1007/s00214-009-0551-y>

21)-Chemisorption of CO and H on Pd, Pt and Au nanoclusters: a DFT approach

Paz-Borbon L. O.; Johnston R. L.; Barcaro G.; Fortunelli A.
The European physical journal. D, Atomic, molecular and optical physics (Print) 52 (2009): 131–134.
<https://dx.doi.org/10.1140/epjd/e2009-00041-9>

22)-Structures of metal nanoparticles adsorbed on MgO(001) (I): Ag and Au

Ferrando R.; Rossi G.; Levi A. C.; Kuntova Z.; Nita F.; Jelea A.; Mottet C.; Barcaro G.; Fortunelli A.; Goniakowski J.
The Journal of chemical physics 130 (2009): 174702.
<https://dx.doi.org/10.1063/1.3077300>

23)-Structures of metal nanoparticles adsorbed on MgO(001) (II): Pt and Pd

Goniakowski J.; Jelea A.; Mottet C.; Barcaro G.; Fortunelli A.; Kuntova Z.; Nita F.; Levi A. C.; Rossi G.; Ferrando R.

The Journal of chemical physics 130 (2009): 174703.

<https://dx.doi.org/10.1063/1.3121307>

24)-Theoretical Studies of Palladium-Gold Nanoclusters: Pd-Au Clusters with up to 50 Atoms

Pittaway F.; Paz-Borbon L. O.; Johnston R. L.; Arslan H.; Ferrando F.; Mottet C.; Barcaro G.; Fortunelli A.

Journal of physical chemistry. C 113 (2009): 9141–9152.

<https://dx.doi.org/10.1021/jp9006075>

25)-Surface-supported gold cages

Ferrando F.; Barcaro G.; Fortunelli A.

Physical review letters (Print) 102 (2009): 216102.

<https://dx.doi.org/10.1103/PhysRevLett.102.216102>

26)-Directed assembly of Au and Fe nanoparticles on a TiO_x/Pt(111) ultrathin template: the role of oxygen affinity

Cavaliere E.; Kholmanov I.; Gavioli L.; Sedona F.; Agnoli S.; Granozzi G.; Barcaro G.; Fortunelli A.

PCCP. Physical chemistry chemical physics (Print) 11 (2009): 11305–11309.

<https://dx.doi.org/10.1039/b915641k>

27)-Adsorption and Diffusion of Fe on a Titania Ultrathin Film

Barcaro G.; Fortunelli A.

The journal of physical chemistry. A 113 (2009): 14860–14866.

<https://dx.doi.org/10.1021/jp904998c>

28)-Study of the ground multiplet of Kramers rare earth ions in solid matrices by multifrequency electron paramagnetic resonance spectroscopy: Nd³⁺ in PbWO₄ single-crystals

Popescu, FF; Bercu, V; Barascu, JN; Martinelli, M; Massa, CA; Pardi, LA; Stefan, M; Nistor, SV; Nikl, M; Bohacek, P

131 (2009): 345051–345057.

<http://www.cnr.it/prodotto/i/40354>

info:cnr-pdr/source/autori:Popescu, FF; Bercu, V; Barascu, JN; Martinelli, M; Massa, CA ; Pardi, LA ; Stefan, M; Nistor, SV; Nikl, M; Bohacek, P/titolo:Study of the ground multiplet of Kramers rare earth ions in solid matrices by multifrequency electron paramagnetic resonance spectroscopy: Nd³⁺ in PbWO₄ single-crystals/

29)-Thermal degradation of poly(lactic acid) (PLA) and poly(butylene adipate-co-terephthalate) (PBAT) and their blends upon melt processing

Signori F.; Coltelli M.-B.; Bronco SsubjectBiodegradablessubjectReactive
blendingsubjectSECsubjectMolecular weight
Polymer degradation and stability 94 (2009): 74–82.
<https://dx.doi.org/10.1016/j.polymdegradstab.2008.10.004>

30)-Calorimetry for Fast Authentication of Edible Oils

Angiuli M.; Bussolino G.C.; Ferrari C.; Matteoli E.; Righetti M.C.; Salvetti G., Tombari E.subjectDSCsubjectEdible oil authenticationsubjectoil phase transitionsubjectolive oilssubjectpolymorphism
International journal of thermophysics 30 (2009): 1014–1024.
<http://www.cnr.it/prodotto/i/40423>

info:cnr-pdr/source/autori:Angiuli M.; Bussolino G.C.; Ferrari C.; Matteoli E.; Righetti M.C.; Salvetti G., Tombari E./titolo:Calorimetry for Fast Authentication of Edible Oils/

31)-Oxidation states of graphene: Insights from computational spectroscopy

Zhang Wenhua; Carravetta Vincenzo; Zhenyu Li; Yi Luo; Jinlong Yangsubjectcomputational spectroscopysubjectXPSsubjectgraphene oxide
The Journal of chemical physics 131 (2009): 244505–244510.
<https://dx.doi.org/10.1063/1.3276339>

32)-Concentration Fluctuation in Fluid Mixtures II.

Mazo R.M.; Matteoli E.; Smith P.E.
130 (2009): 234508.
<http://www.cnr.it/prodotto/i/40530>

info:cnr-pdr/source/autori:Mazo R.M., Matteoli E., Smith P.E./titolo:Concentration Fluctuation in Fluid Mixtures II./

33)-Thermodynamics of complex formation in mixed solvents. K and DH for the formation reaction of [Gly18C6] at 298.15 K

Matteoli E.; Lepori L.; Usacheva T.R.; Sharnin V.A.
97 (2009): 811–816.
<http://www.cnr.it/prodotto/i/40531>

info:cnr-pdr/source/autori:Matteoli E., Lepori L., Usacheva T.R., Sharnin V.A./titolo:Thermodynamics of complex formation in mixed solvents. K and DH for the formation reaction of [Gly18C6] at 298.15 K/

34)-Electrostatic force microscopy and potentiometry of realistic nanostructured systems

LUCCHESI, M.; PRIVITERA, G.; LABARDI, M.; PREVOSTO, D.; CAPACCIOLI, S.; PINGUE, P.
Journal of applied physics 105 (2009): 054301.
<http://www.cnr.it/prodotto/i/40545>

info:cnr-pdr/source/autori:LUCCHESI, M.; PRIVITERA, G.; LABARDI, M.; PREVOSTO, D.; CAPACCIOLI, S.; PINGUE, P./titolo:Electrostatic force microscopy and potentiometry of realistic nanostructured systems/

35)-Hollow-pyramid based scanning near-field optical microscope coupled to femtosecond pulses: a tool for nonlinear optics at the nanoscale

Celebrano, M.; Biagioni, P.; Zavelani-Rossi, M.; Polli, D.; Labardi, M.; Allegrini, M.; Finazzi, M.; Duò, L.; Cerullo, G.

Review of scientific instruments 80 (2009): 033704–033704.

<http://www.cnr.it/prodotto/i/40579>

info:cnr-pdr/source/autori:Celebrano, M.; Biagioni, P.; Zavelani-Rossi, M.; Polli, D.; Labardi, M.; Allegrini, M.; Finazzi, M.; Duò, L.; Cerullo, G./titolo:Hollow-pyramid based scanning near-field optical microscope coupled to femtosecond pulses: a tool for nonlinear optics at the nanoscale/

36)-Relation Between Configurational Entropy and Relaxation Dynamics of Glass-Forming Systems under Volume and Temperature Reduction

Capaccioli, S.; Prevosto, D.; Lucchesi, M.; Amirkhani, M.; Rolla, P.A.subjectfragilitysubjectstructural relaxationsubjectglass transition

Journal of non-crystalline solids 355 (2009): 753–758.

<http://www.cnr.it/prodotto/i/40589>

info:cnr-pdr/source/autori:Capaccioli, S.; Prevosto, D.; Lucchesi, M.; Amirkhani, M.; Rolla, P.A./titolo:Relation Between Configurational Entropy and Relaxation Dynamics of Glass-Forming Systems under Volume and Temperature Reduction/

37)-Does the entropy and volume dependence of the structural alpha-relaxation originate from the Johari–Goldstein beta-relaxation?

Prevosto, D.; Capaccioli, S.; Lucchesi, M.; Rolla, P.A.; Ngai, K.L.subjectpressure effectssubjectglass transitionsubjectstructural relaxation

Journal of non-crystalline solids 355 (2009): 705–711.

<http://www.cnr.it/prodotto/i/40592>

info:cnr-pdr/source/autori:Prevosto, D.; Capaccioli, S.; Lucchesi, M.; Rolla, P.A.; Ngai, K.L./titolo:Does the entropy and volume dependence of the structural alpha-relaxation originate from the Johari–Goldstein beta-relaxation?/

38)-Dynamic and apparent specific heats during transformation of water in partly filled nanopores during slow cooling to 110 K and heating

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

492 (2009): 37–44.

<http://www.cnr.it/prodotto/i/40597>

info:cnr-pdr/source/autori:Tombari E., Ferrari C., Salvetti G., Johari G.P./titolo:Dynamic and apparent specific heats during transformation of water in partly filled nanopores during slow cooling to 110 K and heating/

39)-Specific heat relaxation of an alcohol and implications for dielectric comparison

Tombari E.; Ferrari C.; Salvetti G.; Johari G.P.subjectNARAYANASWAMY-MOYNIHAN
MODELsubjectTEMPERATURE-MODULATED DSCsubjectSUPERCOOLED
LIQUIDsubjectGLASS-TRANSITIONsubjectSTRUCTURAL RELAXATION

The Journal of chemical physics 130 (2009): 124505–125510.

<https://dx.doi.org/10.1063/1.3100188>

40)-Does water need a lambda-type transition?" Journal of Chemical Physics

Johari G.P.; Tombari E.; Salvetti G.; Mallamace F.

130 (2009): 126102–126103.

<http://www.cnr.it/prodotto/i/40601>

info:cnr-pdr/source/autori:Johari G.P., Tombari E., Salvetti G., Mallamace F./titolo:Does water need a lambda-type transition?" Journal of Chemical Physics/

41)-The effect of chemical composition on the structure and properties of the columbites A₂+Nb₂O₆

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

Journal of the Electrochemical Society (2009).

<http://www.cnr.it/prodotto/i/40636>

info:cnr-pdr/source/autori:Ovchar O., Belous A., Jancar B., Spreitzer M., Annino G., Grebennikov D., Mascher P./titolo:The effect of chemical composition on the structure and properties of the columbites A₂+Nb₂O₆/

42)-Miniaturized High Impedance Surfaces with Angular Stability by using Zirconium Tin Titanate (ZST) Substrates and Convolved FSS Elements

Genovesi S.; Costa F.; Cioni B.; Miceli V.; Annino G.; Gallone G.; Levita G.; Lazzeri A.; Monorchio A.; Manara G.

Microwave and optical technology letters (Print) (2009).

<http://www.cnr.it/prodotto/i/40637>

info:cnr-pdr/source/autori:Genovesi S., Costa F., Cioni B., Miceli V., Annino G., Gallone G., Levita G., Lazzeri A., Monorchio A., Manara G./titolo:Miniaturized High Impedance Surfaces with Angular Stability by using Zirconium Tin Titanate (ZST) Substrates and Convolved FSS Elements/

43)-The effect of impurity phases on the structure and properties of microwave dielectrics based on complex perovskites Ba(Co_{1/3}+Nb_{2/3})O₃

Ovchar O.; Belous A.; Kramarenko O.; Mischuk D.; Jancar B.; Spreitzer M.; Suvorov D.; Annino G.; Grebennikov D.; Mascher P.subjectCERAMICSsubjectBA(CO1/3NB2/3)O-3

Ferroelectrics (Print) 387 (2009): 189–196.

<https://dx.doi.org/10.1080/00150190902967097>

44)-Low- loss perovskite niobates Ba(M1/32+Nb2/3)O3: composition, structure, and microwave dielectric properties

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

Ferroelectrics (Print) (2009).

<http://www.cnr.it/prodotto/i/40639>

info:cnr-pdr/source/autori:Belous A., Ovchar O., Kramarenko O., Mischuk D., Jancar B., Spreitzer M., Suvorov D., Annino G., Grebennikov D., Mascher P./titolo:Low- loss perovskite niobates Ba(M1/32+Nb2/3)O3: composition, structure, and microwave dielectric properties/

45)-High-frequency EPR applications of open nonradiative resonators

Annino G.; Fittipaldi M.; Martinelli M.; Moons H.; Van Doorslaer S.; Goovaerts E.

Journal of magnetic resonance (San Diego, Calif., 1997 : Print) (2009).

<http://www.cnr.it/prodotto/i/40640>

info:cnr-pdr/source/autori:Annino G., Fittipaldi M., Martinelli M., Moons H., Van Doorslaer S., Goovaerts E./titolo:High-frequency EPR applications of open nonradiative resonators/

46)-Development of Al2O3 - TiO2 composite ceramics for high-power millimeter-wave applications

Kolodiaznyi T.; Annino G.; Spreitzer M.; Taniguchi T.; Panariello A.; Fitzpatrick W.subjectDielectric resonatorssubjectDielectric losssubjectComposite ceramicssubjectMicrowaves

Acta materialia 57 (2009): 3402–3409.

<https://dx.doi.org/10.1016/j.actamat.2009.03.050>

47)-A new concept of open TE011 cavity

Annino G.; Cassettari M.; Martinelli M.subjectMillimeter wavelengths; open resonator; submillimeter wavelengths; TE011 mode; trapped modes

IEEE transactions on microwave theory and techniques 57 (2009): 775–783.

<https://dx.doi.org/10.1109/TMTT.2009.2015028>

48)-Born-Oppenheimer quantum dynamics of the C +H2 reaction on the CH2 and surfaces.

P. Defazio; C. Petrongolo; B. Bussery-Honvault; P. Honvault.

131 (2009): 114303.

<http://www.cnr.it/prodotto/i/40656>

info:cnr-pdr/source/autori:P. Defazio, C. Petrongolo, B. Bussery-Honvault, and P. Honvault./titolo:Born-Oppenheimer quantum dynamics of the C +H2 reaction on the CH2 and surfaces./

49)-Relaxation of NH(,v=1) in collisions with H : An experimental and theoretical study.

P. Defazio; C. Petrongolo; G. C. McBane; L. Adam; W. Hack; S. Akpınar; R. Schinke.

113 (2009): 14458.

<http://www.cnr.it/prodotto/i/40657>

info:cnr-pdr/source/autori:P. Defazio, C. Petrongolo, G. C. McBane, L. Adam, W. Hack, S. Akpınar, and R. Schinke./titolo:Relaxation of NH($v=1$) in collisions with H : An experimental and theoretical study./

50)-Rotational, steric, and Coriolis effects on the F+HCl->HF+Cl reaction on the ground state surface.

P. Defazio and C. Petrongolo.

113 (2009): 4208.

<http://www.cnr.it/prodotto/i/40658>

info:cnr-pdr/source/autori:P. Defazio and C. Petrongolo./titolo:Rotational, steric, and Coriolis effects on the F+HCl->HF+Cl reaction on the ground state surface./

51)-Vitrification and devitrification of the rigid amorphous fraction in poly(ethylene terephthalate)

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

E-Polymers 053 (2009).

<http://www.cnr.it/prodotto/i/167274>

info:cnr-pdr/source/autori:Righetti M.C.; Di Lorenzo M.L./titolo:Vitrification and devitrification of the rigid amorphous fraction in poly(ethylene terephthalate)/

52)-Influence of crystal polymorphism on the three-phase structure and on the thermal properties of isotactic poly(1-butene)

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

Macromolecules (Print) 42 (2009): 9312–9320.

<https://dx.doi.org/10.1021/ma901882g>

53)-Photoemission and photoabsorption spectroscopy of glycyl-glycine in the gas phase

Feyer V. a; Plekan O. a; Richter R. a; Coreno M. b; Prince K.C. a; Carravetta V. c
csubjectglycine-glycinesubjectXPSsubjectNEXASsubjectcomputational spectroscopy

The journal of physical chemistry. A 113 (2009): 10726–10733.

<https://dx.doi.org/10.1021/jp906843j>

54)-Poly(ethyl acrylate) surface-initiated ATRP grafting from wood pulp cellulose fibers

Zampano, Giovanni; Bertoldo, Monica; Bronco, SimonasubjectWood pulpsubjectCellulose modificationsubjectSurface initiated ATRPsubjectEthyl acrylate polymerization

Carbohydrate polymers 75 (2009): 22–31.

<https://dx.doi.org/10.1016/j.carbpol.2008.06.005>

55)-Electronic structure of aromatic amino acids studied by soft X-ray spectroscopy

Zhang W. a; Carravetta V. b; Plekan O. c; Feyer V.c; Richter R.c; Coreno M.d; Prince K.C. c
csubjectcomputational spectroscopysubjectaromatic amino acidssubjectXPSsubjectNEXAFS

The Journal of chemical physics 131 (2009): 035103–35113.

<https://dx.doi.org/10.1063/1.3168393>

56)-Rhodium-catalyzed deuterioformylation of the ketal-masked beta-isophorone: Evidence for a tertiary alkyl rhodium intermediate as a precursor of the main reaction product acetaldehyde derivative

Lazzaroni R.; Settambolo R.; Marchetti M.; Paganelli S.; Alagona G.; Ghio C.subjectDeuterioformylationsubjectRegioselectivitysubjectTertiary rhodium alkylsubjectbeta-eliminationsubjectIsomerization

Inorganica Chimica Acta (Testo stamp.) 362 (2009): 1641–1644.

<https://dx.doi.org/10.1016/j.ica.2008.07.006>

57)-Study of the compounding process parameters for morphology control of LDPE/layered silicate nanocomposites

Coiai S.; Scatto M.; Bertoldo M.; Conzatti L.; Andreotti L.; Sterner M.; Passaglia E.; Costa G.; Ciardelli F.subjectLOW-DENSITY POLYETHYLENEsubjectCLAY NANOCOMPOSITES

E-Polymers (2009).

http://www.e-polymers.org/journal/abstract.cfm?abstract_Id=3385

info:cnr-pdr/source/autori:Coiai S.; Scatto M.; Bertoldo M.; Conzatti L.; Andreotti L.; Sterner M.; Passaglia E.; Costa G.; Ciardelli F./titolo:Study of the compounding process parameters for morphology control of LDPE/layered silicate nanocomposites/

58)-Artificial Scaffolds For Peripheral Nerve Reconstruction

CHIONO V.; TONDA-TURO C.; CIARDELLIG.

International review of neurobiology 87 (2009): 173–198.

[https://dx.doi.org/10.1016/S0074-7742\(09\)87009-8](https://dx.doi.org/10.1016/S0074-7742(09)87009-8)

59)-The Effect of Chemical Composition on the Structure and Dielectric Properties of the Columbites A(2+)Nb(2)O(6)

Belous, Anatolii; Ovchar, Oleg; Jancar, Bostjan; Spreitzer, Matjaz; Annino, Giuseppe; Grebennikov, Dmitrij; Mascher, PetersubjectMICROWAVE; CERAMICS; NONSTOICHIOMETRY; MICROSTRUCTURE; SUBMILLIMETER; PERMITTIVITY; ANNIHILATION; TEMPERATURE; PEROVSKITE; NIOBATES

Journal of the Electrochemical Society 156 (2009): G206–G212.

<https://dx.doi.org/10.1149/1.3236661>

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

1)-New Blends from Biodegradable Polymers and their Luminescence Response to mechanical and thermal stresses

Signori F; Pucci A; Coltelli MB; Bronco S; Ruggeri G

16.XXth Italian-Spanish Congress on Thermodynamics of Metal Complexes, Pisa, 2009

<http://www.cnr.it/prodotto/i/88183>

info:cnr-pdr/source/autori:Signori F, Pucci A, Coltelli MB, Bronco S, Ruggeri G/congresso_nome:16.XXth Italian-Spanish Congress on Thermodynamics of Metal Complexes/congresso_luogo:Pisa/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

2)-Materiali a base di poli(acido lattico) (PLA) per il packaging: formulazione, modulazione delle proprietà, applicazioni speciali

Signori F; Pucci A; Coltelli MB; Bronco S; Ruggeri G; Ciardelli F

15.Giornata Tecnologica AIM al PLAST 09: materie plastiche per il packaging, novità dal mondo della ricerca, Milano, 2009

<http://www.cnr.it/prodotto/i/88184>

info:cnr-pdr/source/autori:Signori F, Pucci A, Coltelli MB, Bronco S, Ruggeri G, Ciardelli F/congresso_nome:15.Giornata Tecnologica AIM al PLAST 09: materie plastiche per il packaging, novità dal mondo della ricerca/congresso_luogo:Milano/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

3)-Le cellule staminali come potenziale strategia innovativa per stimolare la rigenerazione di tessuti lesi

Revoltella Roberto P

Pisa, 2009

<http://www.cnr.it/prodotto/i/88192>

info:cnr-pdr/source/autori:Revoltella Roberto P/congresso_nome:/congresso_luogo:Pisa/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

4)-Cellule staminali e rigenerazione dei tessuti in modelli murini

Revoltella Roberto P

Roma, 2009

<http://www.cnr.it/prodotto/i/88193>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso_nome:/congresso_luogo:Roma/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

5)-Human stem cell transplantation in nod-scid mice for recovery of injured olfactory and inner ear neuroepithelium

Revoltella Roberto P

Pisa, 2009

<http://www.cnr.it/prodotto/i/88194>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso_nome:/congresso_luogo:Pisa/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

6)-Colture organo-tipiche per lo studio di fattori genetici e del microambiente nello sviluppo e progressione del cancro della prostata

Revoltella Roberto P

Assago, 2009

<http://www.cnr.it/prodotto/i/88195>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso_nome:/congresso_luogo:Assago/congresso_data:2009/anno:2009/pagina_da:/pagina_a_a:/intervallo_pagine:

7)-Degenerazione e rigenerazione del neuro-epitelio olfattivo

Revoltella Roberto P

Pisa, 2009

<http://www.cnr.it/prodotto/i/88196>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso_nome:/congresso_luogo:Pisa/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

8)-Human cord blood CD133+ stem cells transplanted to nod-scid mice provide conditions for regeneration of olfactory neuroepithelium after permanent damage induced by dichlobenil

Roberto P Revoltella; A. Rosellini; S. Pifferi; A. Menini; V. Franceschini; S. Bettini; R. Jeffery; R. Poulsom

Leipzig, 2009

<http://www.cnr.it/prodotto/i/88197>

info:cnr-pdr/source/autori:Roberto P Revoltella, A. Rosellini, S. Pifferi, A. Menini, V. Franceschini, S. Bettini, R. Jeffery, and R.

Poulsom/congresso_nome:/congresso_luogo:Leipzig/congresso_data:2009/anno:2009/pagina_da:
:/pagina_a:/intervallo_pagine:

9)-Human stem cells cells transplanted to nod-scid mice provide conditions for neurofactory tissue regeneration after permanent damage induced by dichlobenil

Revoltella Roberto P

Foshan, 2009

<http://www.cnr.it/prodotto/i/88198>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso_nome:/congresso_luogo:Foshan/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

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

Revoltella Roberto P

Foshan, 2009

<http://www.cnr.it/prodotto/i/88199>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso_nome:/congresso_luogo:Foshan/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

11)-Zirconium tin titanate (ZST) for miniaturized high impedance surfaces: Microwave dielectric properties and applications

Genovesi S.; Costa F.; Cioni B.; Miceli V.; Gallone G.; Levita G.; Lazzeri A.; Annino G.; Monorchio A.; Manara G.

Antennas and Propagation Society International Symposium, 2009. APSURSI '09. IEEE, Charleston, South Carolina, 2009

<http://www.cnr.it/prodotto/i/88227>

info:cnr-pdr/source/autori:Genovesi S., Costa F., Cioni B., Miceli V., Gallone G., Levita G., Lazzeri A., Annino G., Monorchio A., Manara G./congresso_nome:Antennas and Propagation Society International Symposium, 2009. APSURSI '09. IEEE/congresso_luogo:Charleston, South Carolina/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

12)-Do alkyl-rhodium reactant complex stabilities on each diastereoface account for hydroformylation stereoselectivity?

Alagona G.; Ghio C.

13th Intl. Congress of Quantum Chemistry, June 22-27, Helsinki (Finland), 2009

<http://www.cnr.it/prodotto/i/116989>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:13th Intl. Congress of Quantum Chemistry, June 22-27/congresso_luogo:Helsinki (Finland)/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

- 13)-Analysis of high efficiency electromagnetically induced transparency in potassium vapor**
GOZZINI S.(1); SLAVOV D.(2); CARTALEVA S.(2); MARMUGI L.(1); LUCCHESINI A.(1)subjectCoherent spectroscopy of atoms and moleculessubjectelectromagnetically induced transparencysubjectpotassiumsubjectlaser diode
The II International School and Conference on Photonics, 24-28 August 2009, Belgrade, Serbia, 2009
<http://www.cnr.it/prodotto/i/117040>

info:cnr-pdr/source/autori:GOZZINI S.(1), SLAVOV D.(2), CARTALEVA S.(2), MARMUGI L.(1), LUCCHESINI A.(1)/congresso_nome:The II International School and Conference on Photonics, 24-28 August 2009/congresso_luogo:Belgrade, Serbia/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

- 14)-VIBRATIONALLY RESOLVED LINEAR AND NONLINEAR ELECTRONIC CIRCULAR DICHROISM SPECTRA**
Santoro, F.; Lin, N.; Barone, V.; Rizzo, A.
CD 2009, 12th International Conference on Circular Dichroism, Brescia, 2009
<http://www.cnr.it/prodotto/i/117086>

info:cnr-pdr/source/autori:Santoro, F.; Lin, N.; Barone, V.; Rizzo, A./congresso_nome:CD 2009, 12th International Conference on Circular Dichroism/congresso_luogo:Brescia/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

- 15)-LA CHIMICA-FISICA IN ITALIA**
Rizzo; A.

XXIII Congresso Nazionale della Società Chimica Italiana, Sorrento, 2009
<http://www.cnr.it/prodotto/i/117101>

info:cnr-pdr/source/autori:Rizzo, A./congresso_nome:XXIII Congresso Nazionale della Società Chimica Italiana/congresso_luogo:Sorrento/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

- 16)-Antioxidant properties of natural compounds through their copper(II) chelating ability in vacuo and in aqueous solution (PCM)**
Alagona G.; Ghio C.
35° Congreso Químicos Teóricos d'Expression Latina, Quitel 2009, Sept. 18-22, San Andrés (Colombia), 2009

<http://www.cnr.it/prodotto/i/117107>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:35° Congresso Quimicos Theoricos d'Expression Latina, Quitel 2009, Sept. 18-22/congresso_luogo:San Andrés (Colombia)/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

17)-Qual è il rate limiting step nella reazione di Wittig? Studio DFT in vacuo e in soluzione di THF con il PCM

Alagona G.; Ghio C.

35° Congresso de Quimicos Theoricos d'Expression Latina, Quitel 2009, Sept. 18-22, San Andrés (Colombia), 2009

<http://www.cnr.it/prodotto/i/117108>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:35° Congresso de Quimicos Theoricos d'Expression Latina, Quitel 2009, Sept. 18-22/congresso_luogo:San Andrés (Colombia)/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

18)-HIGH FREQUENCY ACOUSTIC ATTENUATION OF VITREOUS SILICA: NEW INSIGHT FROM INELASTIC X-RAYS SCATTERING

Baldi, Giacomo; Giordano, Valentina Maria; Ruta, Beatrice; Monaco, Giulio

IDMRCS - 6th International Discussion Meeting on Relaxations in Complex Systems, Roma, 2009

<http://www.cnr.it/prodotto/i/117186>

info:cnr-pdr/source/autori:Baldi, Giacomo; Giordano, Valentina Maria; Ruta, Beatrice; Monaco, Giulio/congresso_nome:IDMRCS - 6th International Discussion Meeting on Relaxations in Complex Systems/congresso_luogo:Roma/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

19)-Effect of Free Surface and Substrate Interaction on the Crystallization of PET Ultrathin Films

Capaccioli, S.; Rotella, C.; Labardi, M.; Pingue, P.; Prevosto, D.; Rolla, P.subjectCrystallizationsubjectthin filmssubjectconfinementsubjectPETsubjectpoly(ethylene terephthalate)subjectAFMsubjectviscoelastic propertiessubjectinfrared spectroscopy

26th European Conference on Surface Science (ECOSS26), Parma (Italy), 30/8 - 4/09 /2015

<http://www.cnr.it/prodotto/i/117197>

info:cnr-pdr/source/autori:Capaccioli, S.; Rotella, C.; Labardi, M.; Pingue, P.; Prevosto, D.; Rolla, P./congresso_nome:26th European Conference on Surface Science (ECOSS26)/congresso_luogo:Parma (Italy)/congresso_data:30/8 - 4/09 /2015/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

20)-Local Dielectric Spectroscopy of Nanocomposite Materials Interfaces

Labardi, M.; Prevosto, D.; Capaccioli, S.; Lucchesi, M.; Rolla, P.

12th International Conference on Non-Contact Atomic Force Microscopy (NCAFM2009), New Haven (USA), 2009

<http://www.cnr.it/prodotto/i/117198>

info:cnr-pdr/source/autori:Labardi, M.; Prevosto, D.; Capaccioli, S.; Lucchesi, M.; Rolla, P./congresso_nome:12th International Conference on Non-Contact Atomic Force Microscopy (NCAFM2009)/congresso_luogo:New Haven (USA)/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

21)-Extracting Polarizability of Plasmonic Nano-Oscillators through Combined Near- and Far-Field Imaging

Celebrano, M.; Savoini, M.; Biagioni, P.; Zavelani-Rossi, M.; Labardi, M.; Allegrini, M.; Adam, P.; Finazzi, M.; Duò, L.; Cerullo, G.

4th International Conference on Surface Plasmon Polaritons (SPP4), Amsterdam, 2009

<http://www.cnr.it/prodotto/i/117201>

info:cnr-pdr/source/autori:Celebrano, M.; Savoini, M.; Biagioni, P.; Zavelani-Rossi, M.; Labardi, M.; Allegrini, M.; Adam, P.; Finazzi, M.; Duò, L.; Cerullo, G./congresso_nome:4th International Conference on Surface Plasmon Polaritons (SPP4)/congresso_luogo:Amsterdam/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

22)-Study of the cold crystallisation of poly(ethylene terephthalate) in ultrathin films by infrared spectroscopy and atomic force microscopy

Bertoldo, Monica; Manariti, Antonella; Rotella, Cinzia; Prevosto, Daniele; Capaccioli, Simone; Ciardelli, Francesco

XIX Convegno Italiano di Scienza e Tecnologia delle Macromolecole, Milano, 2009

<http://www.cnr.it/prodotto/i/117259>

info:cnr-pdr/source/autori:Bertoldo, Monica; Manariti, Antonella; Rotella, Cinzia; Prevosto, Daniele; Capaccioli, Simone; Ciardelli, Francesco/congresso_nome:XIX Convegno Italiano di Scienza e Tecnologia delle Macromolecole/congresso_luogo:Milano/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

23)-Evidences of macromolecules chains confinement of ethylene-propylene copolymer in organophilic montmorillonite nanocomposites

Passaglia, Elisa; Bertoldo, Monica; Ciardelli, Francesco; Prevosto, Daniele; Lucchesi, Mauro

6th International Discussion Meeting on Relaxations in Complex Systems(6IDMRCS), Roma, 2009

<http://www.cnr.it/prodotto/i/117263>

info:cnr-pdr/source/autori:Passaglia, Elisa; Bertoldo, Monica; Ciardelli, Francesco; Prevosto, Daniele; Lucchesi, Mauro/congresso_nome:6th International Discussion Meeting on Relaxations in Complex Systems(6IDMRCS)/congresso_luogo:Roma/congresso_data:2009/anno:2009/pagina_da:/pagina_a_a:/intervallo_pagine:

24)-Polysaccharide-based “Click” reagents and their use for the preparation of amphiphilic comb copolymers with (meth)acrylic chains

Bertoldo, Monica; Zampano, Giovanni; La Terra, Federico; Ciardelli, Francesco
EPF Europolymer Conference (EUPOC 2009), Gargnano (BS), 2009

<http://www.cnr.it/prodotto/i/117264>

info:cnr-pdr/source/autori:Bertoldo, Monica; Zampano, Giovanni; La Terra, Federico; Ciardelli, Francesco/congresso_nome:EPF Europolymer Conference (EUPOC 2009)/congresso_luogo:Gargnano (BS)/congresso_data:2009/anno:2009/pagina_da:/pagina_a_a:/intervallo_pagine:

25)-Evidence of polyolefins/clay molecular interaction at the interface of nanocomposites

Coiai, Serena; Bertoldo, Monica; Taburoni, Elisa; Passaglia, Elisa; Ciardelli, Francesco
5th International Conference on Nanostructured Polymers and Nanocomposites, Paris, 2009

<http://www.cnr.it/prodotto/i/117265>

info:cnr-pdr/source/autori:Coiai, Serena; Bertoldo, Monica; Taburoni, Elisa; Passaglia, Elisa; Ciardelli, Francesco/congresso_nome:5th International Conference on Nanostructured Polymers and Nanocomposites/congresso_luogo:Paris/congresso_data:2009/anno:2009/pagina_da:/pagina_a_a:/intervallo_pagine:

26)-Click” Functionalization and Crosslinking of Azide-Modified Chitosan and N-Phthaloyl-Chitosan

Zampano, Giovanni; Bertoldo, Monica; Ciardelli, Ciardelli
Hybrid Materials, Tours, 2009

<http://www.cnr.it/prodotto/i/117269>

info:cnr-pdr/source/autori:Zampano, Giovanni; Bertoldo, Monica; Ciardelli, Ciardelli/congresso_nome:Hybrid Materials/congresso_luogo:Tours/congresso_data:2009/anno:2009/pagina_da:/pagina_a_a:/intervallo_pagine:

27)-Preparation of gelatine based hybrid materials by isocyanate coupling reaction

Bertoldo, Monica; Cognigni, Federica; Bronco, Simona; Ciardelli, Francesco
Hybrid Materials, Tours, 2009

<http://www.cnr.it/prodotto/i/117270>

info:cnr-pdr/source/autori:Bertoldo, Monica; Cognigni, Federica; Bronco, Simona; Ciardelli, Francesco/congresso_nome:Hybrid
Materials/congresso_luogo:Tours/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

28)-Interfacial relaxation Dynamics in nanocomposite materials

Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.; Passaglia, E.; Nguyen, K.; Bertoldo, M.; Coiai, S.; Scatto, M.; Saiter, A.; Delbreilh, L.; Ciardelli, F.; Rolla, P.A.

6th International Discussion Meeting on Relaxations in Complex Systems, Roma, 2009

<http://www.cnr.it/prodotto/i/117278>

info:cnr-pdr/source/autori:Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.; Passaglia, E.; Nguyen, K.; Bertoldo, M.; Coiai, S.; Scatto, M.; Saiter, A.; Delbreilh, L.; Ciardelli, F.; Rolla, P.A./congresso_nome:6th International Discussion Meeting on Relaxations in Complex Systems/congresso_luogo:Roma/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

29)-INFLUENCE OF CLAY ON RELAXATION DYNAMICS IN MATERIALS FOR GAS BARRIER APPLICATION

Prevosto, D.; Lucchesi, M.; Passaglia, E.; Bertoldo, M.; Coiai, S.; Scatto, M.; Ciardelli, F.; Rolla, P.A.

POLYCHAR17 – World Forum on Advanced Materials, Rouen, 2009

<http://www.cnr.it/prodotto/i/117280>

info:cnr-pdr/source/autori:Prevosto, D.; Lucchesi, M.; Passaglia, E.; Bertoldo, M.; Coiai, S.; Scatto, M.; Ciardelli, F.; Rolla, P.A./congresso_nome:POLYCHAR17 – World Forum on Advanced Materials/congresso_luogo:Rouen/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

30)-LINEAR AND NON LINEAR PROPERTIES OF MOLECULES INTERACTING WITH RADIATION (AND EXTERNAL FIELDS) BIREFRINGENCES AND DICHROISMS, CHIRALITY AND ALL THAT

Antonio Rizzo

NORDITA Multiscale Modeling and Simulation in Science, Stockholm, Sweden, 2009

<http://www.cnr.it/prodotto/i/117290>

info:cnr-pdr/source/autori:Antonio Rizzo/congresso_nome:NORDITA Multiscale Modeling and Simulation in Science/congresso_luogo:Stockholm, Sweden/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

31)-Polymer melt intercalation and in situ polymerization of lactide in innovative organophilic montmorillonites

Castiello, S.; Coltelli M.-B.; Bronco, S.; Ciardelli, F.subjectsitu
polymerizationsubjectlactidesubjectmontmorillonitessubjectmelt intercalation
NANOTECH2009.it: Nanotechnologies: Competitiveness & innovation for industrial growth,
Roma, 31 marzo - 3 aprile 2009
<http://www.cnr.it/prodotto/i/117313>

info:cnr-pdr/source/autori:Castiello, S.; Coltelli M.-B.; Bronco, S.; Ciardelli,
F./congresso_nome:NANOTECH2009.it: Nanotechnologies: Competitiveness & innovation for
industrial growth/congresso_luogo:Roma/congresso_data:31 marzo - 3 aprile
2009/anno:2009/pagina_da:/pagina_a:/intervallo_pagine:

32)-“Materiali a base di poli(acido lattico) per il packaging: formulazione, modulazione delle proprietà, applicazioni speciali”

Signori, F.; Bronco, S.; Pucci, A.; Coltelli, M. B.; Ruggeri, G.; Ciardelli, F.; Castiello, S.;
Badalassi, M.
Giornata Tecnologica AIM Materie plastiche per il packaging: Novità dal mondo della ricerca,
Milano, 2009
<http://www.cnr.it/prodotto/i/117319>

info:cnr-pdr/source/autori:Signori, F.; Bronco, S.; Pucci, A.; Coltelli, M. B.; Ruggeri, G.;
Ciardelli, F.; Castiello, S.; Badalassi, M./congresso_nome:Giornata Tecnologica AIM Materie
plastiche per il packaging: Novità dal mondo della
ricerca/congresso_luogo:Milano/congresso_data:2009/anno:2009/pagina_da:/pagina_a:/interval
lo_pagine:

33)-Practical Guide to Apertureless Optical Scanning Microscopy

Protasenko, V.; Labardi, M.
2009
<http://www.cnr.it/prodotto/i/137293>
info:cnr-pdr/source/autori:Protasenko, V.; Labardi, M./titolo:Practical Guide to Apertureless
Optical Scanning Microscopy/editore:/anno:2009

34)-Materiale sensibile a sollecitazioni termiche

Bronco S;
I0134755
<http://www.cnr.it/prodotto/i/144998>

35)-An analytic Technique to Construct Exact Models of the Distribution of the Potential in Electrostatic Tripolar Spikes

Nocera L.subjectoscillationssubjectdouble layerssubjectisolated electrostatic
structuressubjectelectrostatic solitary wavessubjecttripolar spikes
2009

<http://www.cnr.it/prodotto/i/158351>

36)-An Inversion Theorem for the Singular Integral Poisson Equation

Nocera L.subjectplasmasubjectoscillationssubjectBGK-wavessubjectelectrostatic solitary waves
2009

<http://www.cnr.it/prodotto/i/158352>

37)-Sectionally Analytic Distribution Functions of Electron and Ions associated with a BGK wave in a Collisionless Plasma

Nocera L.subjectplasmasubjectoscillationssubjectdouble layerssubjectisolated electrostatic
structures

2009

<http://www.cnr.it/prodotto/i/158353>

38)-Status of Thomson source at SPARC/PLASMONX

Bacci, A (Bacci, A.)[1]; Broggi, F (Broggi, F.)[1]; DeMartinis, C (DeMartinis, C.)[1]; Giove, D (Giove, D.)[1]; Maroli, C (Maroli, C.)[1]; Petrillo, V (Petrillo, V.)[1]; Rossi, AR (Rossi, A. R.)[1]; Serafini, L (Serafini, L.)[1]; Tomassini, P (Tomassini, P.)[1]; Cultrera, L (Cultrera, L.)[2]; Di Pirro, G (Di Pirro, G.)[2]; Ferrario, M (Ferrario, M.)[2]; Filippetto, D (Filippetto, D.)[2]; Gatti, G (Gatti, G.)[2]; Pace, E (Pace, E.)[2]; Vaccarezza, C (Vaccarezza, C.)[2]; Vicario, C (Vicario, C.)[2]; Bosi, F (Bosi, F.)[3,4]; Giulietti, D (Giulietti, D.)[3,4]; Gizzi, LA (Gizzi, L. A.)[3,4]; Oliva, P (Oliva, P.)[5]subjectThomson scatteringsubjectPlasma accelerationsubjectHigh brightness electron beams

Workshop on Compton Sources for X-gamma Rays, pp. S90–S93, Porto Conte, ITALY, SEP 07-12, 2008

<https://dx.doi.org/10.1016/j.nima.2009.05.041>

info:cnr-pdr/source/autori:Bacci, A (Bacci, A.)[1]; Broggi, F (Broggi, F.)[1]; DeMartinis, C (DeMartinis, C.)[1]; Giove, D (Giove, D.)[1]; Maroli, C (Maroli, C.)[1]; Petrillo, V (Petrillo, V.)[1]; Rossi, AR (Rossi, A. R.)[1]; Serafini, L (Serafini, L.)[1]; Tomassini, P (Tomassini, P.)[1]; Cultrera, L (Cultrera, L.)[2]; Di Pirro, G (Di Pirro, G.)[2]; Ferrario, M (Ferrario, M.)[2]; Filippetto, D (Filippetto, D.)[2]; Gatti, G (Gatti, G.)[2]; Pace, E (Pace, E.)[2]; Vaccarezza, C (Vaccarezza, C.)[2]; Vicario, C (Vicario, C.)[2]; Bosi, F (Bosi, F.)[3,4]; Giulietti, D (Giulietti, D.)[3,4]; Gizzi, LA (Gizzi, L. A.)[3,4]; Oliva, P (Oliva, P.)[5]/congresso_nome:Workshop on Compton Sources for X-gamma Rays/congresso_luogo:Porto Conte, ITALY/congresso_data:SEP 07-12, 2008/anno:2009/pagina_da:S90/pagina_a:S93/intervallo_pagine:S90–S93