

Peer-reviewed journal articles

1)-Acrylic polymeric nanospheres for the release and recognition of molecules of clinical interest

Ciardelli, G.; Cioni, B.; Cristallini, C.; Barbani, N.; Silvestri, D.; Giusti PsubjectMolecular imprinting; Precipitation polymerisation; Nanospheres; Drug release; Molecular recognition; TheophyllinesubjectMolecular imprinting;subjectNanospheres;subjectdrug releasesubjectMolecular recognition

Biosensors & bioelectronics 20 (2004): 1083–1090.

<http://www.cnr.it/prodotto/i/31702>

info:cnr-pdr/source/autori:Ciardelli, G.; Cioni, B.; Cristallini, C.; Barbani, N.; Silvestri, D.; Giusti P/titolo:Acrylic polymeric nanospheres for the release and recognition of molecules of clinical interest/

2)-Electronic structure of platinum complex/Zn-porphyrinato assembled macrosystems, related precursors and model molecules, as probed by X-ray absorption spectroscopy NEXAFS: theory and experiment

G. Polzonetti; V. Carravetta; G. Iucci; A. Ferri; G. Paolucci; A. Goldoni; P. Parent; C. Laffon; M. V. RussosubjectZn-

diethynylporphyrinsubjectNEXAFSsubjectporphinessubjectexperimentsubjecttheory

Chemical physics (Print) 296 (2004): 87–100.

<https://dx.doi.org/10.1016/j.chemphys.2003.09.036>

3)-Simulation of the plastic behavior of amorphous glassy bis-phenol-A-plycarbonate

Fortunelli A.; Geloni C.; Lazzeri A.

Virtual journal of nanoscale science & technology 121 (2004): 4941–4950.

<http://www.cnr.it/prodotto/i/39339>

info:cnr-pdr/source/autori:Fortunelli A., Geloni C., Lazzeri A./titolo:Simulation of the plastic behavior of amorphous glassy bis-phenol-A-plycarbonate/

4)-Understanding the structural and binding properties of collagen: A theoretical perspective

Bronco S. (1); Cappelli C. (1); Monti S.(2)subjectmolecular dynamicssubjectpolyphenolssubjectcollagen

The journal of physical chemistry. B 108 (2004): 10101–10112.

<http://www.cnr.it/prodotto/i/39355>

info:cnr-pdr/source/autori:Bronco S. (1); Cappelli C. (1); Monti S.(2)/titolo:Understanding the structural and binding properties of collagen: A theoretical perspective/

5)-B3LYP/6-31G* conformational landscape in vacuo of some pterocarpan stereoisomers with biological activity

Alagona* G.; Ghio C.; Monti S.subjectconformational searchsubjectquantum mechanicssubjectmolecular mechanicssubjectbitucarpin

PCCP. Physical chemistry chemical physics (Print) 6 (2004): 2849–2857.

<http://www.cnr.it/prodotto/i/39356>

info:cnr-pdr/source/autori:Alagona* G., Ghio C., Monti S./titolo:B3LYP/6-31G* conformational landscape in vacuo of some pterocarpan stereoisomers with biological activity/

6)-Theoretical Investigation on the Oxazaborolidine-Ketone Interaction in Small Model Systems

Alagona* G.; Ghio C.; Tomasi S.subjectB3LYPsubjectDeformation energysubjectAssociation energysubjectAb initio/DFTsubjectTHF solvation

Theoretical Chemistry accounts (Print) 111 (2004): 287–302.

<http://www.cnr.it/prodotto/i/39369>

info:cnr-pdr/source/autori:Alagona* G., Ghio C., Tomasi S./titolo:Theoretical Investigation on the Oxazaborolidine-Ketone Interaction in Small Model Systems/

7)-Theoretical Studies on the Effects of Methods and Parameterization on the Calculated Free Energy of Hydration for Small Molecules

Alagona* G.; Ghio C.; Nagy P.I.subjectFree energy of hydrationsubjectcontinuum solventssubjectexplicit solventssubjectcharge parameterizationsubjectPCM and SCIPCM applications

International journal of quantum chemistry 99 (2004): 161–178.

<http://www.cnr.it/prodotto/i/39371>

info:cnr-pdr/source/autori:Alagona* G., Ghio C., Nagy P.I./titolo:Theoretical Studies on the Effects of Methods and Parameterization on the Calculated Free Energy of Hydration for Small Molecules/

8)-Light-induced potassium desorption from polydimethylsiloxane film

S.Gozzini; A.Lucchesinisubjectinterazione atomo-superficiessubjectspettroscopia lasersubjectpotassiosubjectdesorbimento foto-stimolato

The European physical journal. D, Atomic, molecular and optical physics (Print) 28 (2004): 157–162.

<https://dx.doi.org/10.1140/epjd/e2003-00300-9>

9)-Coupled cluster calculations of the ground state potential and interaction induced electric properties of the mixed dimers of helium, neon and argon

López Cacheiro, J.; Fernández, B.; Marchesan, D.; Coriani, S.; Haettig, C.; Rizzo, A.

Molecular physics (Print) 102 (2004): 101–110.

<http://www.cnr.it/prodotto/i/39476>

info:cnr-pdr/source/autori:López Cacheiro, J.; Fernández, B.; Marchesan, D.; Coriani, S.; Haettig, C.; Rizzo, A./titolo:Coupled cluster calculations of the ground state potential and interaction induced electric properties of the mixed dimers of helium, neon and argon/

10)-Conformational effects on the optical rotation of alanine and proline

Pecul, M.; Ruud, K.; Rizzo, A.; Helgaker, T. U.

The journal of physical chemistry. A 108 (2004): 4269–4276.

<http://www.cnr.it/prodotto/i/39479>

info:cnr-pdr/source/autori:Pecul, M.; Ruud, K.; Rizzo, A.; Helgaker, T. U./titolo:Conformational effects on the optical rotation of alanine and proline/

11)-XPS, NEXAFS and theoretical study of phenylacetylene adsorbed on Cu(100)

G.Iucci; V. Carravetta; P. Altamura; M. V. Russo; G. Paolucci; A. Goldoni; G. Polzonetti/subjectphenylacetylenesubjectCu(100)-adsorbatesubjectXPS-NEXAFSsubjectexperimentsubjecttheory

Chemical physics (Print) 302 (2004): 43–52.

<http://www.cnr.it/prodotto/i/39480>

info:cnr-pdr/source/autori:G.Iucci, V. Carravetta, P. Altamura, M. V. Russo, G. Paolucci, A. Goldoni, G. Polzonetti/titolo:XPS, NEXAFS and theoretical study of phenylacetylene adsorbed on Cu(100)/

12)-Electric field effects on the shielding constants of noble gases: a 4-component relativistic Hartree-Fock study

Pecul, M.; Saue, T.; Ruud, K.; Rizzo, A.

121 (2004): 3051–3057.

<http://www.cnr.it/prodotto/i/39481>

info:cnr-pdr/source/autori:Pecul, M.; Saue, T.; Ruud, K.; Rizzo, A./titolo:Electric field effects on the shielding constants of noble gases: a 4-component relativistic Hartree-Fock study/

13)-Density functional and electron correlated study of five linear birefringences - Kerr, Cotton-Mouton, Buckingham, Jones and Magneto-electric - in gaseous benzene

Rizzo, A.; Cappelli, C.; Jansik, B.; Jonsson, D.; Salek, P.; Coriani, S.; Agren, H.

121 (2004): 8814–8830.

<http://www.cnr.it/prodotto/i/39483>

info:cnr-pdr/source/autori:Rizzo, A.; Cappelli, C.; Jansik, B.; Jonsson, D.; Salek, P.; Coriani, S.; Agren, H./titolo:Density functional and electron correlated study of five linear birefringences - Kerr, Cotton-Mouton, Buckingham, Jones and Magneto-electric - in gaseous benzene/

14)-The Cotton-Mouton effect of Neon and Argon: a benchmark study using highly correlated coupled cluster wave functions

Rizzo, A.; Kállay, M.; Gauss, J.; Pawłowski, F.; Joergensen, P.; Haettig, C.

121 (2004): 9461–9473.

<http://www.cnr.it/prodotto/i/39486>

info:cnr-pdr/source/autori:Rizzo, A.; Kállay, M.; Gauss, J.; Pawłowski, F.; Joergensen, P.; Haettig, C./titolo:The Cotton-Mouton effect of Neon and Argon: a benchmark study using highly correlated coupled cluster wave functions/

15)-Apertureless near-field optical microscopy

Patane, S; Gucciardi, PG; Labardi, M; Allegrini, M

La Rivista del nuovo cimento della Società italiana di fisica (Testo stamp.) 27 (2004): 1–46.

<http://www.cnr.it/prodotto/i/39513>

info:cnr-pdr/source/autori:Patane, S; Gucciardi, PG; Labardi, M; Allegrini, M/titolo:Apertureless near-field optical microscopy/

16)-Experimental and theoretical study of resonant Auger decay of core-excited NO₂

M.N. Piancastelli; V. Carravetta; I. Hjelte; A. De Fanis; K. Okada; N. Saito; M. Kitajima; H. Tanaka; K. Ueda
subjectNO₂subjectresonant_Augersubjectexchange-splitsubjectexperimentsubjecttheory

Chemical physics letters (Print) 399 (2004): 426–432.

<http://www.cnr.it/prodotto/i/39565>

info:cnr-pdr/source/autori:M.N. Piancastelli, V. Carravetta, I. Hjelte, A. De Fanis, K. Okada, N. Saito, M. Kitajima, H. Tanaka and K. Ueda/titolo:Experimental and theoretical study of resonant Auger decay of core-excited NO₂/

17)-Magnetic resonance force microscopy: Nonlinear processes and influence of relaxation times

L. Lenci; D. Bertolini; D. Friselli; M. Martinelli; G. Scalari
subjectmagnetic resonancesubjectforce microscopysubjectspin systemssubjectrelaxation times

69 (2004): 094426–094433.

<http://www.cnr.it/prodotto/i/39716>

info:cnr-pdr/source/autori: L. Lenci, D. Bertolini, D. Friselli, M. Martinelli, and G. Scalari/titolo: Magnetic resonance force microscopy: Nonlinear processes and influence of relaxation times/

18)-Structural unfreezing and endothermic effects in liquids, beta-D-fructose

Tombari E.; Salvetti G.; Ferrari C.; Johari GP
subjectGLASS-TRANSITIONsubjectEQUILIBRIUMsubjectRELAXATIONsubjectSTATEsubjectENTHALPY

The journal of physical chemistry. B 108 (2004): 16877–16882.

<https://dx.doi.org/10.1021/jp048036r>

19)-High frequency investigation on nonradiative single-mode dielectric resonators

Annino G.; Cassettari M.; Martinelli M.
subjectNonradiative resonatorssubjectsingle-mode resonancesubjectHigh-frequency EPR

Applied magnetic resonance 26 (2004): 447–456.

<http://www.cnr.it/prodotto/i/39827>

info:cnr-pdr/source/autori:Annino G., Cassettari M., Martinelli M./titolo:High frequency investigation on nonradiative single-mode dielectric resonators/

20)-Comment on “On the negative value of dielectric permittivity of the water surface layer” [Appl. Phys. Lett. 83, 4506 (2003)]

Annino G.; Cassettari M.

Applied physics letters 85 (2004): 1301–1301.

<http://www.cnr.it/prodotto/i/39828>

info:cnr-pdr/source/autori:Annino G., Cassettari M./titolo:Comment on “On the negative value of dielectric permittivity of the water surface layer” [Appl. Phys. Lett. 83, 4506 (2003)]/

21)-Complex variational axial mode matching method for single-mode and overmoded dielectric resonators

Prati E.; Annino G.; Martinelli M.subjectMathematical modellingsubjectAxial mode matching methodsubjectDielectric resonatorssubjectWhispering gallery modessubjectEhrenfest-Boltzmann theorem

Electromagnetics 24 (2004): 565–582.

<https://dx.doi.org/10.1080/02726340490513257>

22)-Electron spin resonance studies of the organic superconductorBeta

Narduzzo, A.; Ardavan, A.; Singleton, J.; Pardi, L.; Bercu, V.; Akutsu-Sato, A.; Akutsu, H.; Turner, S.S.; Day, PsubjectSuperconductorsubjectBEDTsubjectESRsubjectSpin Resonance

Journal de physique. IV 114 (2004): 347–349.

<http://www.cnr.it/prodotto/i/39846>

info:cnr-pdr/source/autori:Narduzzo, A.; Ardavan, A.; Singleton, J.; Pardi, L.; Bercu, V.; Akutsu-Sato, A.; Akutsu, H.; Turner, S.S. and Day, P/titolo:Electron spin resonance studies of the organic superconductorBeta/

23)-A Study of the Deep Structure of the Energy Landscape of Glassy Polystyrene: the Exponential Distribution of the Energy Barriers Revealed by High-Field Electron Spin Resonance Spectroscopy

Bercu, V.; Martinelli, M.; Massa, C.A.; Pardi, L.A.; Leporini, D.subjectPolymersubjectGlasssubjectPolystyrenesubjectSpin LabelssubjectEPR

16 (2004): L479–L488.

<http://www.cnr.it/prodotto/i/39847>

info:cnr-pdr/source/autori:Bercu, V.; Martinelli, M.; Massa, C.A.; Pardi, L.A.; Leporini, D./titolo:A Study of the Deep Structure of the Energy Landscape of Glassy Polystyrene: the Exponential Distribution of the Energy Barriers Revealed by High-Field Electron Spin Resonance Spectroscopy/

24)-Relaxation Processes in a Multilevel Spin System Investigated by Linewidth Analysis of the Multifrequency High-Frequency Epr Spectra

Martinelli M; Massa CA; Pardi LA; Bercu V; Popescu FF.subjectCalcitesubjectLeadssubjectRelaxationsubjectEPR

Physical review. B, Condensed matter (Online) 67 (2004): 1785–1788.

<https://dx.doi.org/10.1103/PhysRevB.67.014425>

25)-Influence of wave noise on frequencies and amplitudes of the solar p-modes

Murawski K.; Nocera L.; Pelinovsky E.N.subjectconvectionsubjectSun:
oscillationssubjectturbulence
Waves in random media (Print) 14 (2004): 109–117.
<http://www.cnr.it/prodotto/i/39857>

info:cnr-pdr/source/autori:Murawski K., Nocera L., Pelinovsky E.N./titolo:Influence of wave
noise on frequencies and amplitudes of the solar p-modes/

26)-A Nonradiative approach to single-mode dielectric resonators (Erratum)

Annino G.; Cassettari M.; Martinelli M.; P.J.M. van Bentum
Applied magnetic resonance (2004).
<http://www.cnr.it/prodotto/i/40650>

info:cnr-pdr/source/autori:Annino G., Cassettari M., Martinelli M., P.J.M. van Bentum/titolo:A
Nonradiative approach to single-mode dielectric resonators (Erratum)/

27)-Simulation of the plastic behavior of amorphous glassy bis-phenol-A-plycarbonate

Fortunelli A.; Geloni C.; Lazzeri A.
The Journal of chemical physics 121 (2004): 4941–4950.
<https://dx.doi.org/10.1063/1.1778157>

28)-The molecular electric quadrupole moment and electric-field-gradient induced birefringence (Buckingham effect) of Cl₂

Cappelli, C.; Ekstroem, U.; Rizzo, A.; Coriani, S.
4 (2004): 365–380.
<http://www.cnr.it/prodotto/i/66391>

info:cnr-pdr/source/autori:Cappelli, C.; Ekstroem, U.; Rizzo, A.; Coriani, S./titolo:The
molecular electric quadrupole moment and electric-field-gradient induced birefringence
(Buckingham effect) of Cl₂/

29)-Interface formation between C₆₀ and diethynyl-Zn-porphyrinato investigated by SR-induced photoelectron and near-edge X-ray absorption (NEXAFS) spectroscopies

G. Polzonetti; C. Battocchio; A. Goldoni; R. Larciprete; V. Carravetta; R. Paolesse; M. V. Russo
subjectZn-porphinessubjectC60subjectCu(111)-
adsorbatesubjectexperimentsubjectNEXAFS
Chemical physics (Print) 297 (2004): 307–314.
<http://www.cnr.it/prodotto/i/168091>

info:cnr-pdr/source/autori:G. Polzonetti, C. Battocchio, A. Goldoni, R. Larciprete, V.
Carravetta, R. Paolesse, M. V. Russo/titolo:Interface formation between C₆₀ and diethynyl-Zn-
porphyrinato investigated by SR-induced photoelectron and near-edge X-ray absorption
(NEXAFS) spectroscopies/

30)-Markedly Different Selectivity in the Rhodium Catalyzed Hydroformylation of Vinyl Olefins Containing a Chiral Alkoxy or Alkyl Group: Good Agreement between Theory and Experiment

Alagona G.; Ghio C.; Lazzaroni R.; Settambolo R. Alagona* G.; Ghio* C.; Lazzaroni R.; Settambolo R.subjectDFT calculationssubjectB3LYP/SBK(d)subjectgas phase stabilitysubjectunmodified Rh catalystsubjectisomeric alkyl rhodium intermediates *Inorganica Chimica Acta (Testo stamp.)* 357 (2004): 2980–2988.

<http://www.cnr.it/prodotto/i/168886>

info:cnr-pdr/source/autori:Alagona G., Ghio C., Lazzaroni R., Settambolo R. Alagona* G., Ghio* C., Lazzaroni R., Settambolo R./titolo:Markedly Different Selectivity in the Rhodium Catalyzed Hydroformylation of Vinyl Olefins Containing a Chiral Alkoxy or Alkyl Group: Good Agreement between Theory and Experiment/

31)-Morphological analysis of poly(butylene terephthalate) spherulites during fusion

M. L. Di Lorenzo; M. C. RighettisubjectDIFFERENTIAL SCANNING CALORIMETRYsubjectRATESsubjectCRYSTALLIZATIONsubjectBEHAVIOR *Polymer bulletin (Berl., Print)* 53 (2004): 53–62.

<http://www.cnr.it/prodotto/i/168986>

info:cnr-pdr/source/autori:M. L. Di Lorenzo, M. C. Righetti/titolo:Morphological analysis of poly(butylene terephthalate) spherulites during fusion/

32)-Melting process of poly(butylene terephthalate) analyzed by temperature modulated differential scanning calorimetry

M. C. Righetti; M. L. Di LorenzsubjectHEAT-CAPACITYsubjectISOTHERMAL CRYSTALLIZATIONsubjectREVERSIBLE CRYSTALLIZATIONsubjectTHERMODYNAMIC PROPERTIESsubjectPOLYMERS *Journal of polymer science. Part B, Polymer physics* 42 (2004): 2191–2201.

<http://www.cnr.it/prodotto/i/168989>

info:cnr-pdr/source/autori:M. C. Righetti, M. L. Di Lorenzo/titolo:Melting process of poly(butylene terephthalate) analyzed by temperature modulated differential scanning calorimetry/

33)-Structural reorganization in poly(butylene terephthalate) during fusion

Righetti M.C.; Di Lorenzo M.L.; Angiuli M.; Tombari EsubjectDIFFERENTIAL SCANNING CALORIMETRYsubjectTEMPERATURE-MODULATED CALORIMETRYsubjectHEAT-CAPACITYsubjectREVERSIBLE *Macromolecules (Print)* 37 (2004): 9027–9033.

<http://www.cnr.it/prodotto/i/169581>

info:cnr-pdr/source/autori:Righetti M.C.; Di Lorenzo M.L.; Angiuli M.; Tombari E/titolo:Structural reorganization in poly(butylene terephthalate) during fusion/

34)-An optical trap for cold rubidium molecules

Andrea Fioretti; Jerome Lozeille; Carlo Andrea Massa; Marina Mazzoni; Carlo Gabbaninisubjecttrappingsubjectcold moleculessubjectOptical trap *Optics communications (Print)* 243 (2004): 203–208.

<https://dx.doi.org/10.1016/j.optcom.2004.10.035>

35)-Quenched computation of the dependence of complexity on the free energy in the Sherrington-Kirkpatrick model

Crisanti, A; Leuzzi, L; Parisi, G; Rizzo, TsubjectSPIN-GLASS MODEL; REPLICASYMMETRY-BREAKING; MEAN-FIELD-THEORY; METASTABLE STATES; SOLVABLE MODEL; DISORDERED-SYSTEMS; WEIGHTED AVERAGES; TAP; TRANSITION; EQUATIONS

Physical review. B, Condensed matter and materials physics (Online) 70 (2004): 064423.

<https://dx.doi.org/10.1103/PhysRevB.70.064423>

36)-Spin-glass complexity

Crisanti, A; Leuzzi, L; Parisi, G; Rizzo, TsubjectMETASTABLE STATES; SOLVABLE MODEL; TAP; EQUATIONS

Physical review letters 92 (2004): 127203.

<https://dx.doi.org/10.1103/PhysRevLett.92.127203>

37)-Frequency and amplitude alterations of sound modes in a space-dependent random mass density field

MURAWSKI K; NOCERA L; PELINOVSKI Esubjectwavessubjectrandom-mediasubjectsolar coronasubjectsolar global oscillationssubjectnumerical simulation

Waves in random media (Print) 14 (2004): 109–117.

<https://dx.doi.org/10.1088/0959-7174/14/2/002>

38)-Frequency shift of acoustic gravity waves in a stratified, isothermal, turbulent atmosphere

NOCERA L; MURAWSKI Ksubjectturbulencesubjectrandom-wavessubjectatmospheressubjectsolar-oscillations

Geophysical and astrophysical fluid dynamics 98 (2004): 63–84.

<https://dx.doi.org/10.1080/03091920410001654320>

39)-Acrylonitrile - Acrylic Acid Copolymer Membrane Imprinted with Uric Acid for Clinical Uses

CRISTALLINI C; CIARDELLI G.; GIUSTI P; BARBANI N

Macromolecular bioscience (Print) 4 (2004): 31–38.

<https://dx.doi.org/10.1002/mabi.200300026>

40)-Understanding the Structural and Binding Properties of Collagen: A Theoretical Perspective

Simona Bronco; Chiara Cappelli; Susanna Monti

The journal of physical chemistry. B 218 (2004): 71–80.

<https://dx.doi.org/10.1021/jp049172z>

41)-Linear carbon dioxide in the high-pressure high-temperature crystalline phase IV

Federico A. Gorelli^{1,2}; Valentina M. Giordano¹; Pier R. Salvi^{1,3}; Roberto Bini^{1,3}
Physical review letters 93 (2004): 205503.
<https://dx.doi.org/10.1103/PhysRevLett.93.205503>

42)-The effects of cold plasma treatments on LDPE wettability and curing kinetic of a polyurethane adhesive

S. Bronco; M. Bertoldo; E. Taburoni; C. Cepek; M. SancrottisubjectHydrophilicity; low density polyethylene; plasma treatment; polyurethanes coating; surface
Macromolecular symposia 218 (2004): 71–80.
<https://dx.doi.org/10.1002/masy.200451408>

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

1)-Nickel - doped (Zr_{0.8}Sn_{0.2})TiO₄ for Microwaves and Millimeter Waves Applications

Ioachim A.; Banciu M.G.; Toacsen M.I.; Nedelcu L.; Ghetu D.; Alexandru H.V.; Stoica G.; Annino G.; Cassettari M.; Martinelli M. subjectMicrowavessubjectMilimeter wavessubjectCeramic materials

E-MRS Spring Meeting 2004, Strasbourg, France, 2004

<http://www.cnr.it/prodotto/i/88135>

info:cnr-pdr/source/autori:Ioachim A., Banciu M.G., Toacsen M.I., Nedelcu L., Ghetu D., Alexandru H.V., Stoica G., Annino G., Cassettari M., Martinelli M./congresso_nome:E-MRS Spring Meeting 2004/congresso_luogo:Strasbourg, France/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

2)-High-K ZST material for microwave and millimeter wave applications

Ioachim A.; Ramer R.; Toacsen M.I.; Banciu M.G.; Nedelcu L.; Ghetu D.; Stoica G.; Annino G.; Cassettari M.; Martinelli M. subjectMicrowavessubjectMillimeter wavessubjectCeramic materials

SPIE International Symposium on "Smart Materials, Nano- and Micro-Smart Systems", Sidney, Australia, 2004

<http://www.cnr.it/prodotto/i/88136>

info:cnr-pdr/source/autori:Ioachim A., Ramer R., Toacsen M.I., Banciu M.G., Nedelcu L., Ghetu D., Stoica G., Annino G., Cassettari M., Martinelli M./congresso_nome:SPIE International Symposium on "Smart Materials, Nano- and Micro-Smart Systems"/congresso_luogo:Sidney, Australia/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

3)-Dielectric Ceramics Based On The ZrO₂-SnO₂-TiO₂ Ternary System For Microwave And Millimeter Wave Applications

Ioachim A.; Toacsan M.I.; Banciu M.G.; Nedelcu L.; Ghetu D.; Stoica G.; Annino G.; Cassettari M.; Martinelli M. subjectMicrowavessubjectMillimeter wavessubjectCeramic materials

CAS 2004, Sinaia, Romania, 2004

<http://www.cnr.it/prodotto/i/88137>

info:cnr-pdr/source/autori:Ioachim A., Toacsan M.I., Banciu M.G., Nedelcu L., Ghetu D., Stoica G., Annino G., Cassettari M., Martinelli M./congresso_nome:CAS 2004/congresso_luogo:Sinaia, Romania/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

4)-Dielectric systems for ultra high field magneto-optical measurements

Narduzzo A.; Ardavan A.; McDonald R.; Singleton J.; Annino G.; Cassettari M. subjectMillimeter wavelengthsubjectDielectric resonatorsubjectSingle-mode resonances

Photon04, Glasgow, Scotland, 2004

<http://www.cnr.it/prodotto/i/88138>

info:cnr-pdr/source/autori:Narduzzo A., Ardavan A., McDonald R., Singleton J., Annino G., Cassettari M./congresso_nome:Photon04/congresso_luogo:Glasgow, Scotland/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

5)-Effects of the Computational Description on Alkyl-Rhodium Intermediates in Chiral Olefin Hydroformylation

Alagona G.; Ghio C.

XXX CONGRESSO INTERNAZIONALE DE QUÍMICOS TEÓRICOS DE EXPRESSAO LATINA, Porto (Portugal), 2004

<http://www.cnr.it/prodotto/i/116619>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:XXX CONGRESSO INTERNAZIONALE DE QUÍMICOS TEÓRICOS DE EXPRESSAO LATINA/congresso_luogo:Porto (Portugal)/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

6)-Is the Bias Introduced in an FEP Calculation by Reparameterizing a Chemical Reaction Acceptable?

Alagona G.; Ghio C.; Laino T.; Molin D.

XXX CONGRESSO INTERNAZIONALE DE QUÍMICOS TEÓRICOS DE EXPRESSAO LATINA, Porto (Portugal), 2004

<http://www.cnr.it/prodotto/i/116620>

info:cnr-pdr/source/autori:Alagona G., Ghio C., Laino T., Molin D./congresso_nome:XXX CONGRESSO INTERNAZIONALE DE QUÍMICOS TEÓRICOS DE EXPRESSAO LATINA/congresso_luogo:Porto (Portugal)/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

7)-Oxazaborolidine-Catalysed Reductions of Prochiral ketones: Quantum Mechanical Study of the Mechanism in Solution and in the Gas Phase

Alagona G.; Ghio C.; Tomasi S.

Modelling and Understanding in Theoretical Chemistry, Lucca (Italy), 2004

<http://www.cnr.it/prodotto/i/116621>

info:cnr-pdr/source/autori:Alagona G., Ghio C., Tomasi S./congresso_nome:Modelling and Understanding in Theoretical Chemistry/congresso_luogo:Lucca (Italy)/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

8)-Solvent Effects at the B3LYP/6-31G* Level on the Most Stable Diastereomer of Two Pterocarpanes with Biological Activity

Alagona G.; Ghio C.

Modelling and Understanding in Theoretical Chemistry, Lucca (Italy), 2004

<http://www.cnr.it/prodotto/i/116622>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:Modelling and Understanding in Theoretical Chemistry/congresso_luogo:Lucca (Italy)/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

9)-Markedly Different Selectivity in the Rhodium Catalyzed Hydroformylation of Vinyl Olefins Containing a Chiral Alkoxy or Alkyl Group

Lazzaroni R.; Rocchiccioli S.; Guazzelli G.; Settambolo R.; Alagona G.; Ghio C.

14th International Symposium on Homogeneous Catalysis, Munich (Germany), 2004

<http://www.cnr.it/prodotto/i/116623>

info:cnr-pdr/source/autori:Lazzaroni R., Rocchiccioli S., Guazzelli G., Settambolo R., Alagona G., Ghio C./congresso_nome:14th International Symposium on Homogeneous Catalysis/congresso_luogo:Munich (Germany)/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

10)-Hybrid Car-Parrinello Molecular Dynamics/Molecular Mechanics Simulations on the Second Proton Transfer in Triosephosphate Isomerase

Molin D.; Laino T.; Ghio C.; Alagona G.

INFMeeting 2004, Genova (Italy), 2004

<http://www.cnr.it/prodotto/i/116624>

info:cnr-pdr/source/autori:Molin D., Laino T., Ghio C., Alagona G./congresso_nome:INFMeeting 2004/congresso_luogo:Genova (Italy)/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

11)-Comparison between QM/MM Approaches in an Enzyme Catalyzed Reaction Mechanism

Alagona Giuliano; Ghio Caterina; Laino Teodoro; Molin Dafne

ISQBP President's Meeting, Como (Italy), 2004

<http://www.cnr.it/prodotto/i/116625>

info:cnr-pdr/source/autori:Alagona Giuliano, Ghio Caterina, Laino Teodoro, Molin Dafne/congresso_nome:ISQBP President's Meeting/congresso_luogo:Como (Italy)/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

12)-3D optical sectioning in Video-Confocal Microscopy (VCM)

Pier Alberto Benedettisubjectmicroscopia otticasubjectmicroscopia confocalesubjectfluorescenzasubjectrisoluzione spazialesubjectstrumentazione

Microscience 2004, London (UK), 2004

<http://www.cnr.it/prodotto/i/116673>

info:cnr-pdr/source/autori:Pier Alberto Benedetti/congresso_nome:Microscience
2004/congresso_luogo:London
(UK)/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

13)-Probe a microonde per la termoablazione percutanea miniinvasiva

A. Barbini (1); P. Casale (2); R. Cristofani (2); C. Ferrari (1); R. Felipetto (2); F. Francesca (2);
A.S; Ricci (1); G. Salinitri (2); E. Tombari (1); N. Tosoratti (1); I. Longo (1)
90mo Congresso Nazionale della Società Italiana di Fisica, Brescia, 2004
<http://www.cnr.it/prodotto/i/116700>

info:cnr-pdr/source/autori:A. Barbini (1), P. Casale (2), R. Cristofani (2), C. Ferrari (1), R.
Felipetto (2), F. Francesca (2), A.S, Ricci (1), G. Salinitri (2), E. Tombari (1), N. Tosoratti (1),
I. Longo (1)/congresso_nome:90mo Congresso Nazionale della Società Italiana di
Fisica/congresso_luogo:Brescia/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervall
o_pagine:

14)-Structural unfreezing and endothermic effects in liquids, b-D-fructose

C. Ferrari; G. Salvetti; E. Tombari
INFMeeting, Genova, 2004
<http://www.cnr.it/prodotto/i/116702>

info:cnr-pdr/source/autori:C. Ferrari, G. Salvetti, E.
Tombari/congresso_nome:INFMeeting/congresso_luogo:Genova/congresso_data:2004/anno:20
04/pagina_da:/pagina_a:/intervallo_pagine:

15)-Heat capacity and enthalpy of water confined to 2 nm radius Vycor pores

E. Tombari; C. Ferrari; G. Salvetti
INFMeeting, Genova, 2004
<http://www.cnr.it/prodotto/i/116704>

info:cnr-pdr/source/autori:E. Tombari, C. Ferrari, G.
Salvetti/congresso_nome:INFMeeting/congresso_luogo:Genova/congresso_data:2004/anno:200
4/pagina_da:/pagina_a:/intervallo_pagine:

16)-Aging effects of a epoxy glass studied by specific heat spectroscopy.

S. Presto (1); C. Ferrari (2); D. Leporini (3); E. Tombari (2); C. Ziparo (4)
INFMeeting, Genova, 2004
<http://www.cnr.it/prodotto/i/116705>

info:cnr-pdr/source/autori:S. Presto (1), C. Ferrari (2), D. Leporini (3), E. Tombari (2), C.
Ziparo
(4)/congresso_nome:INFMeeting/congresso_luogo:Genova/congresso_data:2004/anno:2004/pa
gina_da:/pagina_a:/intervallo_pagine:

17)-Low Cost Calorimeters For Sme And High Schools. 3. Training In Calorimetry

Luca Bernazzani (1); Giovanni Conti (1); Carlo Ferrari (2); Enrico Matteoli (2); Sabrina Presto (3); Giuseppe Salvetti (2); Maria Rosaria Tinè (1)

ICTAC-13: 13th International Congress on Thermal Analysis and Calorimetry, Cagliari, 2004
<http://www.cnr.it/prodotto/i/116734>

info:cnr-pdr/source/autori:Luca Bernazzani (1), Giovanni Conti (1), Carlo Ferrari (2), Enrico Matteoli (2), Sabrina Presto (3), Giuseppe Salvetti (2), Maria Rosaria Tinè (1)/congresso_nome:ICTAC-13: 13th International Congress on Thermal Analysis and Calorimetry/congresso_luogo:Cagliari/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

18)-Low Cost Calorimeters For Sme And High Schools. 1. General.

R.Ambrosetti (1); A.Barbini (1); C.Ferrari (1); L. Lepori (1); E.Matteoli (1); S.Presto (2); D.Ricci (1); G.Salvetti (1); E.Tombari (1)

ICTAC-13: 13th International Congress on Thermal Analysis and Calorimetry, Cagliari, 2004
<http://www.cnr.it/prodotto/i/116736>

info:cnr-pdr/source/autori:R.Ambrosetti (1), A.Barbini (1), C.Ferrari (1), L.Lepori (1), E.Matteoli (1), S.Presto (2), D.Ricci (1), G.Salvetti (1), E.Tombari (1)/congresso_nome:ICTAC-13: 13th International Congress on Thermal Analysis and Calorimetry/congresso_luogo:Cagliari/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

19)-Enthalpy relaxation of glassy materials below Tg : ageing processes.

S. Presto (1); E. Tombari (2); C. Ziparo (3); D. Leporini (4)

INFMeeting, Genova, 2004

<http://www.cnr.it/prodotto/i/116751>

info:cnr-pdr/source/autori:S. Presto (1), E. Tombari (2), C. Ziparo (3), D. Leporini (4)/congresso_nome:INFMeeting/congresso_luogo:Genova/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

20)-Organization in Integrable and Non Integrable Turbulence

Nocera; L.; Krishan; V.subjectPlasmassubjectTurbulencesubjectSelf-organizationsubjectEnergy inverse cascade

Alfvén 2004, Beaulieu sur Mer, 2004

<http://www.cnr.it/prodotto/i/116939>

info:cnr-pdr/source/autori:Nocera,L., Krishan,V./congresso_nome:Alfvén 2004/congresso_luogo:Beaulieu sur Mer/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

21)-Birefringences: a challenge for both theory and experiment

Rizzo; A.

ONE-DAY INTERNATIONAL SYMPOSIUM ON "THEORETICAL AND COMPUTATIONAL CHEMISTRY" AND OPENING CEREMONY OF THE THEORETICAL AND COMPUTATIONAL PLATFORM IN THE INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES, Beijing, R.P. China, 2004

<http://www.cnr.it/prodotto/i/117096>

info:cnr-pdr/source/autori:Rizzo, A./congresso_nome:ONE-DAY INTERNATIONAL SYMPOSIUM ON "THEORETICAL AND COMPUTATIONAL CHEMISTRY" AND OPENING CEREMONY OF THE THEORETICAL AND COMPUTATIONAL PLATFORM IN THE INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES/congresso_luogo:Beijing, R.P. China/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

22)-ELECTRIC AND MAGNETIC HIGHER-ORDER PROPERTIES

Rizzo; A.

Linear and Non-Linear Responses of Matter to Electromagnetic Field Perturbations, Torun, Poland, 2004

<http://www.cnr.it/prodotto/i/117097>

info:cnr-pdr/source/autori:Rizzo, A./congresso_nome:Linear and Non-Linear Responses of Matter to Electromagnetic Field Perturbations/congresso_luogo:Torun, Poland/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

23)-BIREFRINGENCES: A CHALLENGE FOR BOTH THEORY AND EXPERIMENT

Rizzo; A.

Italian-Norwegian-Swedish Workshop on Quantum Molecular Sciences, Tromsø, 2004

<http://www.cnr.it/prodotto/i/117098>

info:cnr-pdr/source/autori:Rizzo, A./congresso_nome:Italian-Norwegian-Swedish Workshop on Quantum Molecular Sciences/congresso_luogo:Tromsø/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

24)-BENCHMARKING ON ELECTRIC AND MAGNETIC HIGH ORDER MOLECULAR PROPERTIES

Rizzo; A.

Response theory and molecular properties, Sandbjerg, Denmark, 2004

<http://www.cnr.it/prodotto/i/117099>

info:cnr-pdr/source/autori:Rizzo, A./congresso_nome:Response theory and molecular properties/congresso_luogo:Sandbjerg, Denmark/congresso_data:2004/anno:2004/pagina_da:/pagina_a:/intervallo_pagine:

25)-Millimeter wave dielectric resonators

G. Annino; M. Cassettari; M. Martinelli/subjectMillimeter wavelengthsubjectDielectric resonatorsubjectWhispering gallery modes, 2004

<http://www.cnr.it/prodotto/i/137255>

info:cnr-pdr/source/autori:G. Annino, M. Cassettari and M. Martinelli/titolo:Millimeter wave dielectric resonators/titolo_volume:/curatori_volume:/editore:/anno:2004

26)-Millimeter Waves Dielectric Resonators

Annino G.; Cassettari M.; Martinelli M.
. *Trivandrum: Transworld Research Network, 2004*

<http://www.cnr.it/prodotto/i/137298>

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