

Peer-reviewed journal articles

1)-Linear Vlasov Plasma Oscillations in the Fourier Transformed Velocity Space

SEDLACEK Z; NOCERA Lsubjectplasma: oscillationssubjectVlasov equationssubjectLandau dampingsubjectnumerical schemessubjectFourier transform

Physics Letters A 296 (2002): 117–124.

[https://dx.doi.org/10.1016/S0375-9601\(02\)00247-5](https://dx.doi.org/10.1016/S0375-9601(02)00247-5)

2)-Interplay of Intra- and Intermolecular H-Bonds for the Addition of a Water Molecule to the Neutral and N-Protonated Forms of Noradrenaline

Alagona* G.; Ghio C.subjectHF/6-31G* calculationssubjectMP2 correlation correctionssubjectBSSE, thermal correctionssubjectcontinuum solvent effectsubjectalpha-(aminomethyl)-3,4-dihydroxybenzyl alcohol

International journal of quantum chemistry 90 (2002): 641–656.

<http://www.cnr.it/prodotto/i/39011>

info:cnr-pdr/source/autori:Alagona* G., Ghio C./titolo:Interplay of Intra- and Intermolecular H-Bonds for the Addition of a Water Molecule to the Neutral and N-Protonated Forms of Noradrenaline/

3)-5-Fluorouracil Dimers in Aqueous Solution: Molecular Dynamics in Water and Continuum Solvation

Alagona G.; Ghio* C.; Monti S.subjectH-bond interactionssubjectstacking interactionssubjectcorrelation correctionssubjectthermal correctionssubjectcontinuum solvent effect, supermolecule approach

International journal of quantum chemistry 88 (2002): 133–146.

<http://www.cnr.it/prodotto/i/39012>

info:cnr-pdr/source/autori:Alagona G., Ghio* C., Monti S./titolo:5-Fluorouracil Dimers in Aqueous Solution: Molecular Dynamics in Water and Continuum Solvation/

4)-Ab initio study of magnetochiral birefringence.

Coriani S.; Pecul M.; Rizzo A.; Joergensen P.; Jaszunski M.

117 (2002): 6417–6428.

<http://www.cnr.it/prodotto/i/39013>

info:cnr-pdr/source/autori:Coriani S., Pecul M., Rizzo A., Joergensen P., Jaszunski M./titolo:Ab initio study of magnetochiral birefringence./

5)-The Vibrational Raman and Raman Optical Activity Spectra of D-lactic acid, D-lactate, and D-glyceraldehyde: ab initio calculations.

Pecul M.; Rizzo A.; Leszczynski J.

106 (2002): 11008–11016.

<http://www.cnr.it/prodotto/i/39014>

info:cnr-pdr/source/autori:Pecul M., Rizzo A., Leszczynski J./titolo:The Vibrational Raman and Raman Optical Activity Spectra of D-lactic acid, D-lactate, and D-glyceraldehyde: ab initio calculations./

6)-A coupled cluster response study of the electric dipole polarizability, first and second hyperpolarizabilities of hcl.

Rizzo A.; Coriani S.; Fernandez B.; Christiansen O.

PCCP. Physical chemistry chemical physics (Print) 4 (2002): 2884–2890.

<http://www.cnr.it/prodotto/i/39015>

info:cnr-pdr/source/autori:Rizzo A., Coriani S., Fernandez B., Christiansen O./titolo:A coupled cluster response study of the electric dipole polarizability, first and second hyperpolarizabilities of hcl./

7)-Shielding polarizabilities calculated at the coupled-cluster singles and doubles level augmented by a perturbative treatment of triple excitations.

Rizzo A.; Gauss G.

116 (2002): 869–877.

<http://www.cnr.it/prodotto/i/39016>

info:cnr-pdr/source/autori:Rizzo A., Gauss G./titolo:Shielding polarizabilities calculated at the coupled-cluster singles and doubles level augmented by a perturbative treatment of triple excitations./

8)-Isostructural organic-inorganic hybrids of P, P'-diphenyl-methylenediphosphate (CH₂(P(Ph)O₂)₂)₂- with divalent transition metals

Berti E.; Cecconi F.; Ghilardi C.A.; Midollini S.; Orlandini A.; Pitzalis E.

<http://www.cnr.it/prodotto/i/39017>

9)-An EPR study on wastewater disinfection by peracetic acid, hydrogen peroxide and UV irradiation

Bianchini R.; Calucci L.; Caretti C.; Lubello C.; Pinzino C.; Piscicelli M.

Annali di chimica (Testo stamp.) 92 (2002): 783–793.

<http://www.cnr.it/prodotto/i/39018>

info:cnr-pdr/source/autori:Bianchini R., Calucci L., Caretti C., Lubello C., Pinzino C., Piscicelli M./titolo:An EPR study on wastewater disinfection by peracetic acid, hydrogen peroxide and UV irradiation/

10)-Intermediate Free Radicals in the Oxidation of Wastewaters

Bianchini R.; Calucci L.; Lubello C.; Pinzino C.

Research on chemical intermediates (Print) 28 (2002): 247–256.

<http://www.cnr.it/prodotto/i/39019>

info:cnr-pdr/source/autori:Bianchini R., Calucci L., Lubello C., Pinzino C./titolo:Intermediate Free Radicals in the Oxidation of Wastewaters/

11)-Chemical and Electrochemical Redox Behavior of 9-Anthrylmethyl-Functionalized h 5 - Cyclopentadienyl Derivatives of Rhodium(I) and Iridium(I): Generation and EPR Characterization of the Corresponding Cation Radicals

Carano M.; Cicogna F.; D'Ambra I.; Gaddi B.; Ingrosso G.; Marcaccio M.; Paolucci D.; Paolucci F.; Pinzino C.; Roffia S.

<http://www.cnr.it/prodotto/i/39021>

12)-The relation of double peaks, observed in quartz hydride atomizers, to the fate of free analyte atoms in the determination of arsenic and selenium by atomic absorption spectrometry

D'Ulivo A.; Dedina J.

Spectrochimica acta. Part B, Atomic spectroscopy 57 (2002): 2069–2079.

[https://dx.doi.org/10.1016/S0584-8547\(02\)00165-9](https://dx.doi.org/10.1016/S0584-8547(02)00165-9)

13)-Masking agents in the determination of selenium by hydride generation technique

D'Ulivo A.; Gianfranceschi L.; Lampugnani L.; Zamboni R.

Spectrochimica acta. Part B, Atomic spectroscopy 57 (2002): 2081–2094.

[https://dx.doi.org/10.1016/S0584-8547\(02\)00166-0](https://dx.doi.org/10.1016/S0584-8547(02)00166-0)

14)-Stable laser control of complex multilevel systems using a weak-intensity multicolor laser pulse

Lami A.; Santoro F.

<http://www.cnr.it/prodotto/i/39024>

15)-Interaction between Chlorophyll a and b-Cyclodextrin Derivatives in Aqueous Solutions. Spectroscopic and Calorimetric Study

Agostiano A.; Catucci L.; Castagnolo M.; Colangelo D.; Cosma P.; Fini P.; Della Monica M.subjectPHOTODYNAMIC THERAPY; PHOTOSENSITIZERS; DIHYDRATE; MODEL

Journal of thermal analysis and calorimetry 70 (2002): 115–122.

<https://dx.doi.org/10.1023/A:1020601600086>

16)-Alterations of wheat root plasma membrane lipid composition induced by copper stress result in changed physicochemical properties of plasma membrane lipid vesicles

Berglund A. H.; Quartacci M. F.; Calucci L.; Navari-Izzo F.; Pinzino C.; Liljenberg C.

<http://www.cnr.it/prodotto/i/39026>

17)-Monolayers and multilayers of chlorophyll a on a mercury electrode

Moncelli M.; Becucci L.; Dolfi A.; Buoninsegni Ft; Agostiano A

<http://www.cnr.it/prodotto/i/39027>

18)-The heat capacity relaxation and the enthalpy decrease in mass and diffusion-controlled polymerization reaction kinetics

Presto S.; Tombari E.; Salvetti G.; Johari G.

<http://www.cnr.it/prodotto/i/39028>

19)-Reverse micellar systems: self organised assembly as effective route for the synthesis of colloidal semiconductor nanocrystal

Curri M. L.; Agostiano A.; Mavelli F.; Della Monica M.

<http://www.cnr.it/prodotto/i/39030>

20)-Effect of heterogeneity in the distribution of ligands and proteins among disconnected particles: the binding of ubiquinone to bacterial reaction center

Ambrosone L.; Mallardi A.; Palazzo G.; Venturoli G.

<http://www.cnr.it/prodotto/i/39032>

21)-New chromatographic method for separation and determination of denatured alfa S1, alfa S2, beta and kappa caseins by hydrophobic interaction chromatography

Bramanti E.; Sortino C.; Raspi G.

<http://www.cnr.it/prodotto/i/39033>

22)-Antioxidants, Free Radicals, Storage Proteins, and Proteolytic Activities in Wheat (Triticum Durum) Seeds during Accelerated Aging

Capocchi A.; Galleschi L.; Ghiringhelli S.; Saviozzi F.; Calucci L.; Pinzino C.; Zandomeneghi M.

Journal of agricultural and food chemistry 50 (2002): 5450–5457.

<http://www.cnr.it/prodotto/i/39034>

info:cnr-pdr/source/autori:Capocchi A., Galleschi L., Ghiringhelli S., Saviozzi F., Calucci L., Pinzino C., Zandomeneghi M./titolo:Antioxidants, Free Radicals, Storage Proteins, and Proteolytic Activities in Wheat (Triticum Durum) Seeds during Accelerated Aging/

23)-EPR observation of cathodically-generated radical anions of colchicides and isocolchicides, and a comparison with the radical anions of troponoids. A general rationalization of the spin-density distribution in these systems

Cavazza M.; Pinzino C.; Pardi L.; Nucci L.; Pergola F.; Pietra F.

<http://www.cnr.it/prodotto/i/39035>

24)-Lipid/protein molar ratios in a crystalline biological membrane: NMR quantitative analysis of the lipid extract of the purple membrane

Corcelli A.; Lattanzio V. M. T.; Papadia P.; Fanizzi F.P.

<http://www.cnr.it/prodotto/i/39036>

25)-High-Frequency and -Field Electron Paramagnetic Resonance of High-Spin Manganese(III) in Tetrapyrrole Complexes

Krzystek J.; Pardi L. A.; Brunel L. C.; Goldberg D. P.; Hoffman B. M.; Licoccia S.; Telser J.

<http://www.cnr.it/prodotto/i/39037>

26)-Presence of two novel archaeal cardiolipins in the halophilic archaeal community in the crystallizer brines of Margherita di Savoia and Eilat.

Lattanzio V.M.T.; Corcelli A.; Mascolo G.; Oren A.

<http://www.cnr.it/prodotto/i/39038>

27)-Electron Transfer Kinetics in Photosynthetic Reaction Centres Embedded in Trehalose Glasses: Trapping of Conformational Substates at Room Temperature

Palazzo G.; Mallardi A.; Hochkoeppler A.; Cordone L.; Venturoli G.

<http://www.cnr.it/prodotto/i/39039>

28)-Viral Infectious Diseases Diagnosis and Monitoring by Capillary Electrophoresis-Based Assay

Sbrana E.; Bramanti E.; Spinetti M.C.; Raspi G.

<http://www.cnr.it/prodotto/i/39040>

29)-Response of membrane protein to the environment: the case of photosynthetic Reaction Centre

Trotta M.; Agostiano A.; Milano F.; Nagy L.
subjectPhotosynthesis
subjectProteoliposomes
subjectQuinones
subjectReaction Centre
Materials science & engineering. C, Biomimetic materials, sensors and systems (Print) 22 (2002): 263–267.

[https://dx.doi.org/10.1016/S0928-4931\(02\)00178-9](https://dx.doi.org/10.1016/S0928-4931(02)00178-9)

30)-Determination of mercury by continuous flow cold vapor atomic fluorescence spectrometry using micromolar concentration of sodium tetrahydroborate as reductant

Chen Y.W.; Tong J.; D'Ulivo A.; Belzile N.

<http://www.cnr.it/prodotto/i/39042>

31)-Electrothermal atomic absorption spectrometric determination of cadmium and lead with stabilized phosphate deposited on permanently modified platforms

Tsalev D. L.; Lampugnani L.; Giorgeva R.; Chakarova K. K.; Petrov I. I. Jr.

<http://www.cnr.it/prodotto/i/39044>

32)-Oxidative Degradation of Monomeric and Dimeric Phenylpropanoids: Reactivity and Mechanistic Investigation

Canevali C.; Orlandi M.; Pardi L.; Rindone B.; Scotti R.; Sipila J.; Morazzoni F.

<http://www.cnr.it/prodotto/i/39045>

33)-A theoretical study of the catalytic properties of Pt/Fe nanoclusters

Fortunelli A.; Velasco A. M.

Journal of molecular structure. Theochem (Print) 586 (2002): 17–27.

[https://dx.doi.org/10.1016/S0166-1280\(02\)00050-7](https://dx.doi.org/10.1016/S0166-1280(02)00050-7)

34)-Volume changes on mixing perfluoroalkane with alkane or ethers at 298.15K

Lepori L.; Matteoli E.; Spanedda A.; Duce C.; Tinè M.R.

Fluid phase equilibria 201 (2002): 119–134.

<http://www.cnr.it/prodotto/i/39050>

info:cnr-pdr/source/autori:Lepori L., Matteoli E., Spanedda A., Duce C., Tinè M.R./titolo:Volume changes on mixing perfluoroalkane with alkane or ethers at 298.15K/

35)-Investigating self-assembly and metal nanoclusters in aqueous di-block copolymers solutions

Lo Celso F.; Triolo A.; Bronstein L.; Zwanziger J.; Strunz P.; Lin J. S.; Crapanzano L.; Triolo R.

<http://www.cnr.it/prodotto/i/39051>

36)-Structural investigation of hybrid nanocomposites

Lo Celso F.; Triolo A.; Neuron F.; Hainbuchner M.; Baron M.; Strunz P.; Rauch H.; Triolo R.

<http://www.cnr.it/prodotto/i/39052>

37)-Window and mixing effects in the dynamics of an LN2 Raman laser

Marchetti S.; Giorgi M.; Fantoni R.

<http://www.cnr.it/prodotto/i/39053>

- 38)-The Auger recombination coefficient in inas and gasb derived from**
Marchetti S.; Martinelli M.; Simili R.

<http://www.cnr.it/prodotto/i/39054>

- 39)-Line narrowing of a Tunable high pressure CO2 laser by means of an**
Marchetti S.; Simili R.

<http://www.cnr.it/prodotto/i/39055>

- 40)-Application of novel techniques for interferogram analysis to laser-plasma femtosecond probing**

Tomassini P.; Giulietti A.; Gizzi L.A.; Numico R.; Galimberti M.; Giulietti D.; Borghesi M.

<http://www.cnr.it/prodotto/i/39056>

- 41)-Macroscopic Evidence of Soliton Formation in Multiterawatt Laser-Plasma Interaction**

Borghesi M.; Bulanov S.; Campbell D.H.; Clarke R.J.; Esirkepov T. Zh.; Galimberti M.; Gizzi L.A.; Mackinnon A.J.; Naumova N. M.; Pegoraro F.; Ruhl H.; Schiavi A.; Willi O.subjectRAYLEIGH-TAYLOR INSTABILITY; SOLIDS; WAVES; BEAMS

Physical review letters (Print) 88 (2002): 135002-1–135002-4.

<https://dx.doi.org/10.1103/PhysRevLett.88.135002>

- 42)-Electric field detection in laser-plasma interaction experiments via the proton imaging technique**

Borghesi M.; Campbell D.H.; Schiavi A.; Haines M.G.; Willi O.; Mackinnon A.J.; Patel P.; Gizzi L.A.; Galimberti M.; Clarke R.J.; Pegoraro F.; Ruhl H.; Bulanov S.subjectRELATIVISTIC IONS; COLLIMATED BEAMS; ACCELERATION; GENERATION; PULSES; RADIATION; SOLIDS; WAVES

Physics of plasmas 9 (2002): 2214–2220.

<https://dx.doi.org/10.1063/1.1459457>

- 43)-Propagation issues and energetic particle production in laser-plasma interactions at intensities exceeding 10^{19} W/cm²**

Borghesi M.; Campbell D.H.; Schiavi A.; Willi O.; Galimberti M.; Gizzi L.A.; Mackinnon A.J.; Snavely R.D.; Patel P.; Hatchett S.; Key M.; Nazarov W.subjectLaser-plasma interaction; laser-produced ions; proton; radiography; relativistic propagation

Laser and particle beams (Print) 20 (2002): 31–38.

[https://dx.doi.org/10.1017.S0263034602201044](https://dx.doi.org/10.1017/S0263034602201044)

44)-Laser-produced protons and their applications as a particle probe

Borghesi M.; Campbell D.H.; Schiavi A.; Willi O.; Mackinnon A.J.; Hicks D.; Patel P.; Gizzi L.A.; Galimberti M.; Clarke R. J.

<http://www.cnr.it/prodotto/i/39060>

45)-Shock wave dynamics in laser in-depth analysis of metallic samples

Corsi M.; Cristoforetti G.; Hidalgo M.; Iriarte D.; Legnaioli S.; Palleschi V.; Salvetti A.; Tognoni E.

Czechoslovak Journal of Physics (Prague Print) 52 (2002): D335–D341.

<http://www.cnr.it/prodotto/i/39061>

info:cnr-pdr/source/autori:Corsi M., Cristoforetti G., Hidalgo M., Iriarte D., Legnaioli S., Palleschi V., Salvetti A., Tognoni E./titolo:Shock wave dynamics in laser in-depth analysis of metallic samples/

46)-A laser-plasma source for CCD calibration in the soft X-ray range

Labate L.; Galimberti M.; Giulietti A.; Giulietti D.; Gizzi L.A.; Tomassini P.; Di Cocco G.subjectEMISSIONsubjectEFFICIENCYsubjectRESOLUTIONsubjectSCATTERINGsubjectDETECTORsubjectSILICONsubjectBOARD

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 495 (2002): 148–153.

[https://dx.doi.org/10.1016/S0168-9002\(02\)01573-5](https://dx.doi.org/10.1016/S0168-9002(02)01573-5)

47)-Analysis from space resolved X-ray spectra from laser plasma

Labate L.; Galimberti M.; Giulietti A.; Giulietti D.; Gizzi L.A.; Numico R.

<http://www.cnr.it/prodotto/i/39063>

48)-Superexponentially damped Vlasov Plasma Oscillations in the Fourier Transformed Velocity Space

SEDLACEK Z; NOCERA Lsubjectplasma oscillationssubjectVlasov equationsubjectLandau damping

Czechoslovak Journal of Physics (Prague Print) 52 (2002): 65–69.

<https://dx.doi.org/10.1023/A:1016275328140>

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

MURAWSKI K; NOCERA L; PELINOVSKI E
NsubjectSun:oscillationssubjectwavessubjectturbulencesubjectconvectionsubjectrandom media
Astronomy & astrophysics (Print) 387 (2002): 335–338.

<https://dx.doi.org/10.1051/0004-6361:20020393>

50)-Segmental dynamics of atactic polypropylene as revealed by molecular simulations and quasielastic neutron scattering

Ahumada O.; Theodorou D.N.; Triolo A.; Arrighi V.; Karatasos C.; Ryckaert J.P.

Macromolecules (Print) 35 (2002): 7110–7124.

<http://www.cnr.it/prodotto/i/39066>

info:cnr-pdr/source/autori:Ahumada O., Theodorou D.N., Triolo A., Arrighi V., Karatasos C., Ryckaert J.P./titolo:Segmental dynamics of atactic polypropylene as revealed by molecular simulations and quasielastic neutron scattering/

51)-SANS studies of solutions and molecular composites prepared from cellulose tricarbaniolate

Alava C.; Arrighi V.; Cameron J. D.; Cowie J. M. G.; Moeller A.; Triolo A.; Vaqueiro P.

<http://www.cnr.it/prodotto/i/39067>

52)-Temperature-rate profiles by polarimetric variable-temperature kinetic experiments to study racemization reactions

Alibrandi G.; Coppolino S.; D'Aliberti S.; Ficarra P.; Micali N.; Villari A.

Journal of pharmaceutical and biomedical analysis (Print) 29 (2002): 1025–1029.

[https://dx.doi.org/10.1016/S0731-7085\(02\)00143-7](https://dx.doi.org/10.1016/S0731-7085(02)00143-7)

53)-Percolative phenomena and electrorheological structures in reverse micelles

Aliotta F.

<http://www.cnr.it/prodotto/i/39069>

54)-Percolative phenomena in branched reverse micelles

Aliotta F.; Fazio B.

<http://www.cnr.it/prodotto/i/39070>

55)-Study on planar whispering gallery dielectric resonators. I. General properties

Annino G.; Cassettari M.; Martinelli M.

International journal of infrared and millimeter waves 23 (2002): 596–615.

<http://www.cnr.it/prodotto/i/39071>

info:cnr-pdr/source/autori:Annino G., Cassettari M., Martinelli M./titolo:Study on planar whispering gallery dielectric resonators. I. General properties/

56)-Study on planar whispering gallery dielectric resonators. II. A multiple-band device

Annino G.; Cassettari M.; Martinelli M.

International journal of infrared and millimeter waves 23 (2002): 617–634.

<http://www.cnr.it/prodotto/i/39072>

info:cnr-pdr/source/autori:Annino G., Cassettari M., Martinelli M./titolo:Study on planar whispering gallery dielectric resonators. Ii. A multiple-band device/

57)-Temperature dependence of the segmental dynamics

Arrighi V.; Triolo A.; Qian H.

<http://www.cnr.it/prodotto/i/39073>

58)-Characterization of trehalose aqueous solutions by neutron spin echo

Branca C.; Faraone A.; Magazy S.; Malsano G.; Mangione A.; Pappas C.; Triolo A.

<http://www.cnr.it/prodotto/i/39075>

59)-How and Why the characterization of magnetic materials can give directions in the methodological development in high field - high frequency EPR.

Brunel L. C.; Caneschi A.; Dei A.; Friselli D.; Gatteschi D.; Hassan A. H.; Lenci L.; Martinelli M.; Massa C. A.; Pardi L. A.; Popescu F.; Ricci I.; Sorace L.

<http://www.cnr.it/prodotto/i/39076>

60)-Pressure and temperature dependences of the dynamics of glass formers studied by broad-band dielectric spectroscopy

Capaccioli S.; Lucchesi M.; Casalini R.; Presto S.; Rolla PA.; Viciosa M.; Corezzi S.; Fioretto D.

<http://www.cnr.it/prodotto/i/39077>

61)-Vibrational dynamics of hydration water in amylose

Cavatorta F.; Angelini N.; Deriu A.; Albanese G.

<http://www.cnr.it/prodotto/i/39078>

62)-Observation of a re-entrant kinetic glass transition in a micellar system with temperature-dependent attractive interaction

Chen S.H.; Mallamace F.; Faraone A.; Gambadauro P.; Lombardo D.; Chen W.R.

The European physical journal. E, Soft matter (Print) 9 (2002): 283–286.

<http://www.cnr.it/prodotto/i/39079>

info:cnr-pdr/source/autori:Chen S.H., Mallamace F., Faraone A., Gambadauro P., Lombardo D., Chen W.R./titolo:Observation of a re-entrant kinetic glass transition in a micellar system with temperature-dependent attractive interaction/

63)-Entropy and correlations in a fluid of hard spherocylinders: The onset of nematic and smectic order

Costa D.; Micali F.; Saija F.; Giaquinta P.V.

The journal of physical chemistry. B 106 (2002): 12297–12306.

<https://dx.doi.org/10.1021/jp0259317>

64)-Low-temperature specific heats of agi-Ag₂O-B₂O₃ glasses

D'Angelo G.; Carini G.; Tripodo G.; Bartolotta A.; Di Marco G.; Salvato G.

Philosophical magazine. B. Physics of condensed matter. Electronic, optical and magnetic properties 82 (2002): 331–338.

<https://dx.doi.org/10.1080/13642810208221312>

65)-Investigation of the solid state behavior of a semifluorinated n-alkane by means of NMR, calorimetric, and dielectric techniques

Geppi M.; Pizzanelli S.; Veracini C.A.; ; Cardelli C.; Tombari E.

106 (2002): 1598–1605.

<http://www.cnr.it/prodotto/i/39083>

info:cnr-pdr/source/autori:Geppi M., Pizzanelli S., Veracini C.A., Cardelli C., Tombari E./titolo:Investigation of the solid state behavior of a semifluorinated n-alkane by means of NMR, calorimetric, and dielectric techniques/

66)-Scattering studies of large scale structures at the ultra small angle neutron scattering instrument S18

Hainbuchner M.; Baron M.; Lo Celso F.; Triolo A.; Triolo R.; Rauch H.

Physica. A (Print) 304 (2002): 220–229.

<http://www.cnr.it/prodotto/i/39085>

info:cnr-pdr/source/autori:Hainbuchner M., Baron M., Lo Celso F., Triolo A., Triolo R., Rauch H./titolo:Scattering studies of large scale structures at the ultra small angle neutron scattering instrument S18/

67)-Experimental evidence for the heat capacity maximum during a melt's polymerization

Johari G.P.; Tombari E.; Presto S.; Salvetti G.

<http://www.cnr.it/prodotto/i/39086>

68)-Model of Separated Form Factors for Unilamellar Vesicles

Kiselev M.A.; Lesieur P.; Kisselev A.M.; Lombardo D.; Aksenov V.L.

Applied physics. A, Materials science & processing (Print) 74 (2002): S1654–S1656.

<http://www.cnr.it/prodotto/i/39087>

info:cnr-pdr/source/autori:Kiselev M.A., Lesieur P., Kisselev A.M., Lombardo D., Aksenov V.L./titolo:Model of Separated Form Factors for Unilamellar Vesicles/

69)-Steady-state and time-resolved near-field optical spectroscopy of gan/aln quantum dots and ingan/gan quantum wells

Kudrna J.; Gucciardi P.G.; Vinattieri A.; Colocci M.; Damilano B.; Semond F.; Grandjean N.; Massies J.

Physica status solidi. A, Applied research 190 (2002): 155–160.

<http://www.cnr.it/prodotto/i/39088>

info:cnr-pdr/source/autori:Kudrna J., Gucciardi P.G., Vinattieri A., Colocci M., Damilano B., Semond F., Grandjean N., Massies J./titolo:Steady-state and time-resolved near-field optical spectroscopy of gan/aln quantum dots and ingan/gan quantum wells/

70)-SAXS investigation on aggregation phenomena in supercritical CO2

Lo Celso F.; Triolo A.; Triolo F.; Donato D.I.; Steinhart M.; Kriechbaum M.; Amenitsch H.; Triolo R.

The European physical journal. E, Soft matter (Print) 8 (2002): 311–314.

<http://www.cnr.it/prodotto/i/39089>

info:cnr-pdr/source/autori:Lo Celso F., Triolo A., Triolo F., Donato D.I., Steinhart M., Kriechbaum M., Amenitsch H., Triolo R./titolo:SAXS investigation on aggregation phenomena in supercritical CO2/

71)-Industrial applications of the aggregation of block copolymers in supercritical CO2: a SANS study

Lo Celso F.; Triolo A.; Triolo F.; McClain J.; Desimone J. M.; Heenan R. K.; Amenitsch H.; Triolo R.

<http://www.cnr.it/prodotto/i/39090>

72)-Phase separation in multi-component mixtures: the four-component case

Lo Celso F.; Triolo A.; Triolo R.

Physica. A (Print) 304 (2002): 299–307.

<http://www.cnr.it/prodotto/i/39091>

info:cnr-pdr/source/autori:Lo Celso F., Triolo A., Triolo R./titolo:Phase separation in multi-component mixtures: the four-component case/

73)-Alpha, alpha-trehalose-water solutions VI. A view of the structural and dynamical properties of O beta G micelles in the presence of trehalose

Magazy S.; Villari V.; Faraone A.; Maisano G.; Heenan R.K; King S.

The journal of physical chemistry. B 106 (2002): 6954–6960.

<https://dx.doi.org/10.1021/jp020698y>

74)-Effect of the monomer structure on the dynamics of semidilute polyalkylmethacrylate solutions: A quasielastic light and neutron scattering investigation

Magazy S.; Villari V.; Faraone A.; Maisano G.; Janssen S.

The Journal of chemical physics 116 (2002): 427–435.

<http://www.cnr.it/prodotto/i/39093>

info:cnr-pdr/source/autori:Magazy S., Villari V., Faraone A., Maisano G., Janssen S./titolo:Effect of the monomer structure on the dynamics of semidilute polyalkylmethacrylate solutions: A quasielastic light and neutron scattering investigation/

75)-The moment of inertia and the scissors mode of a Bose-condensed gas

Marago O.M.; Hechenblaikner G.; Hodby E.; Hopkins S.A.; Foot C.J.

Journal of physics. Condensed matter (Print) 14 (2002): 343–354.

<http://www.cnr.it/prodotto/i/39095>

info:cnr-pdr/source/autori:Marago O.M., Hechenblaikner G., Hodby E., Hopkins S.A., Foot C.J./titolo:The moment of inertia and the scissors mode of a Bose-condensed gas/

76)-Quasi elastic and inelastic neutron scattering study of vitamin C aqueous solutions

Migliardo F.; Branca C.; Magazù S.; Migliardo P.; Coppolino S.; Villari A.; Micali N.

Physica. A (Print) 304 (2002): 294–298.

[https://dx.doi.org/10.1016/S0378-4371\(01\)00521-0](https://dx.doi.org/10.1016/S0378-4371(01)00521-0)

77)-Excimer laser ablation of silicon carbide ceramic targets

Neri F.; Barreca F.; Trusso S.

Diamond and related materials 11 (2002): 273–279.

<http://www.cnr.it/prodotto/i/39098>

info:cnr-pdr/source/autori:Neri F., Barreca F., Trusso S./titolo:Excimer laser ablation of silicon carbide ceramic targets/

78)-Wide-angle NSE and TOF: the spectrometer SPAN at BENSC

Pappas C.; Triolo A.; Kischnik R.; Mezei F.

<http://www.cnr.it/prodotto/i/39099>

79)-Low-temperature specific heat capacities of the miscible blends of poly(methyl methacrylate) and poly(vinylidene fluoride)

Privalko V.P.; Gorodilov B.Y.; Rekheta N.A.; Privalko E.G.; Bartolotta A.; Carini G.; D'Angelo G.; Tripodo G.

<http://www.cnr.it/prodotto/i/39100>

80)-Monte Carlo simulation and phase behavior of nonadditive hard-core mixtures in two dimensions

Saija F.; Giaquinta P.V.

The Journal of chemical physics 117 (2002): 5780–5784.

<https://dx.doi.org/10.1063/1.1501126>

81)-Optical and Structural characterisation of gan/aln qss grown on Si(111)

Salviati G.; Martinez O.; Mazzoni M.; Rossi F.; Armani N.; Gucciardi P. G.; Vinattieri A.; Alderighi D.; Colocci M.; Gonzalez M. A.; Sanz-Santacruz L. F.; Massies J.

<http://www.cnr.it/prodotto/i/39102>

82)-Spontaneous decrease in the heat capacity of a glass

Tombari E.; Presto S.; Salvetti G.; Johari Gp

<http://www.cnr.it/prodotto/i/39103>

83)-Complex dynamics in polyisobutylene melts

Triolo A.; Lechner R.E.; Desmedt A.; Telling M.T.F.; Arrighi V.
Macromolecules (Print) 35 (2002): 7039–7043.

<http://www.cnr.it/prodotto/i/39104>

info:cnr-pdr/source/autori:Triolo A., Lechner R.E., Desmedt A., Telling M.T.F., Arrighi V./titolo:Complex dynamics in polyisobutylene melts/

84)-Early and late stages of demixing of a commercial Al-Li alloy

Triolo A.; Lin J.S.; Triolo R.

Journal of materials science 37 (2002): 1207–1213.

<http://www.cnr.it/prodotto/i/39105>

info:cnr-pdr/source/autori:Triolo A., Lin J.S., Triolo R./titolo:Early and late stages of demixing of a commercial Al-Li alloy/

85)-Structural and dynamical characterization of melt PEO-salt mixtures

Triolo A.; Lo Celso F.; Arrighi V.; Strunz P.; Lechner R.E.; Mastragostino M.; Passerini S.; Annis B.K.; Triolo R.

Physica. A (Print) 304 (2002): 308–313.

<http://www.cnr.it/prodotto/i/39106>

info:cnr-pdr/source/autori:Triolo A., Lo Celso F., Arrighi V., Strunz P., Lechner R.E., Mastragostino M., Passerini S., Annis B.K., Triolo R./titolo:Structural and dynamical characterization of melt PEO-salt mixtures/

86)-Morphology of solid polymer electrolytes: a TR WAXS investigation

Triolo A.; Lo Celso F.; Di Giovanni C.; Amenitsch H.; Triolo R.

Physica. A (Print) 304 (2002): 129–134.

<http://www.cnr.it/prodotto/i/39107>

info:cnr-pdr/source/autori:Triolo A., Lo Celso F., Di Giovanni C., Amenitsch H., Triolo R./titolo:Morphology of solid polymer electrolytes: a TR WAXS investigation/

87)-QENS investigation of filled rubbers

Triolo A.; Lo Celso F.; Neuroni F.; Arrighi V.; Qian H.; Lechner R. E.; Desmedt A.; Pieper J.; Frick B.; Triolo R.

<http://www.cnr.it/prodotto/i/39108>

88)-Segmental dynamics in polymer electrolytes

Triolo A.; Lo Celso F.; Passerini S.; Arrighi V.; Lechner R. E.; Frick B.; Triolo R.

<http://www.cnr.it/prodotto/i/39109>

89)-Kinetics of block-copolymer aggregation in super critical CO₂

Triolo A.; Lo Celso F.; Triolo F.; Amenitsch H.; Steinhart M.; Thiyagarajan P.; Wells S.; De Simone J.M.; Triolo R.

<http://www.cnr.it/prodotto/i/39110>

90)-Dilute and semi dilute solutions of block copolymers in water, near-critical and super-critical CO₂: a small angle scattering study of the monomer-aggregate transition

Triolo F.; Triolo A.; Lo Celso F.; Donato D.I.; Triolo R.

Physica. A (Print) 304 (2002): 135–144.

<http://www.cnr.it/prodotto/i/39111>

info:cnr-pdr/source/autori:Triolo F., Triolo A., Lo Celso F., Donato D.I., Triolo R./titolo:Dilute and semi dilute solutions of block copolymers in water, near-critical and super-critical CO₂: a small angle scattering study of the monomer-aggregate transition/

91)-Study of foxing stains on paper by chemical methods, infrared spectroscopy, micro-X-ray fluorescence spectrometry and laser induced breakdown spectroscopy

Bicchieri M.; Ronconi S.; Romano F.P.; Pappalardo L.; Corsi M.; Cristoforetti G.; Legnaioli S.; Palleschi V.; Salvetti A.; Tognoni E.

Spectrochimica acta. Part B, Atomic spectroscopy 57 (2002): 1235–1249.

<http://www.cnr.it/prodotto/i/39112>

info:cnr-pdr/source/autori:Bicchieri M., Ronconi S., Romano F.P., Pappalardo L., Corsi M., Cristoforetti G., Legnaioli S., Palleschi V., Salvetti A., Tognoni E./titolo:Study of foxing stains on paper by chemical methods, infrared spectroscopy, micro-X-ray fluorescence spectrometry and laser induced breakdown spectroscopy/

92)-Diagnostic of high-temperature steel pipes in industrial environment by laser-induced breakdown spectroscopy technique: the LIBSGRAIN project

Bulajic D.; Cristoforetti G.; Corsi M.; Hidalgo M.; Legnaioli S.; Palleschi V.; Salvetti A.; Tognoni E.; Green S.; Bates D.; Steiger A.; Fonseca J.; Martins J.; Mckay J.; Tozer B.; Wells D.; Wells R.; Harith M.A.

<http://www.cnr.it/prodotto/i/39113>

93)-An ab initio method for computing multi-atom resonant photoemission

Carravetta V.; Agren H.subjecttheorysubjectMARPEsubjectresonant photoemissionsubjectAuger decay

Chemical physics letters (Print) 354 (2002): 100–108.

<http://www.cnr.it/prodotto/i/39115>

info:cnr-pdr/source/autori:Carravetta V., Agren H./titolo:An ab initio method for computing multi-atom resonant photoemission/

94)-Dynamics of slow-light formation

Cerboneschi E.; Renzoni F.; Arimondo E.

<http://www.cnr.it/prodotto/i/39116>

95)-Quantum interference and slow light propagation in cold samples of open three-level atoms

Cerboneschi E.; Renzoni F.; Arimondo E.

<http://www.cnr.it/prodotto/i/39117>

96)-Relaxation processes in slow light: the role of the atomic momentum

Cerboneschi E.; Renzoni F.; Arimondo E.

<http://www.cnr.it/prodotto/i/39118>

97)-Determination of the Rb 5p state dipole matrix element and radiative lifetime from the photoassociation spectroscopy of the Rb2 Og-(P3/2) long-range state

Gutterres R.F.; Amiot C.; A.Fioretti; C.Gabbanini; M.Mazzoni; Dulieu O.

<http://www.cnr.it/prodotto/i/39119>

98)-Calculation of mode coupling for quadrupole excitations in a Bose-Einstein condensate

Hechenblaikner G.; Morgan S.A.; Hodby E.; Marago O.M.; Foot C.J.

Physical review. A 65 (2002): 3612–3620.

<https://dx.doi.org/10.1103/PhysRevA.65.033612>

99)-Inner-shell absorption spectroscopy of amino acids

Kaznatcheyev K.; Osanna A.; Jacobsen C.; Plashkevych O.; Vahtras O.; Agren H.; Carravetta V.; Hitchcock A.P.subjectexperimentsubjecttheorysubjectNEXAFSsubjectXASsubjectamino acids

106 (2002): 3153–3168.

<http://www.cnr.it/prodotto/i/39121>

info:cnr-pdr/source/autori:Kaznachev K., Osanna A., Jacobsen C., Plashkevych O., Vahtras O., Agren H., Carravetta V., Hitchcock A.P./titolo:Inner-shell absorption spectroscopy of amino acids/

100)-A Full Configuration Interaction calculation of the density dependence of the ^3He shielding constant.

Pecul M.; Rizzo A.

Molecular physics (Print) 100 (2002): 447–451.

<http://www.cnr.it/prodotto/i/39122>

info:cnr-pdr/source/autori:Pecul M., Rizzo A./titolo:A Full Configuration Interaction calculation of the density dependence of the ^3He shielding constant./

101)-The effect of intermolecular interactions on the electric properties of helium and argon. Part III: Quantum statistical calculations of the dielectric second virial coefficients.

Rizzo A.; Haettig C.; Fernandez B.; Koch H.

117 (2002): 2609–2618.

<http://www.cnr.it/prodotto/i/39123>

info:cnr-pdr/source/autori:Rizzo A., Haettig C., Fernandez B., Koch H./titolo:The effect of intermolecular interactions on the electric properties of helium and argon. Part III: Quantum statistical calculations of the dielectric second virial coefficients./

102)-Interatomic interactions and the Cotton-Mouton effect for helium.

Rizzo A.; Ruud K.; Bishop D. M.

Molecular physics (Print) 100 (2002): 799–807.

<http://www.cnr.it/prodotto/i/39124>

info:cnr-pdr/source/autori:Rizzo A., Ruud K., Bishop D. M./titolo:Interatomic interactions and the Cotton-Mouton effect for helium./

103)-Theory and first principles calculations of dissociative resonant photoionization: The evolution of atomic peaks and holes

Salek P.; Carravetta V.; Gel'-Mukhanov F.; Agren H.subjecttheorysubjectresonant Auger decaysubjectdissociationsubjectmolecule

116 (2002): 629–645.

<http://www.cnr.it/prodotto/i/39125>

info:cnr-pdr/source/autori:Salek P., Carravetta V., Gel'-Mukhanov F., Agren H./titolo:Theory and first principles calculations of dissociative resonant photoionization: The evolution of atomic peaks and holes/

104)-Electrochemical Detection of Host-Guest Interactions of Dicarboximide Pesticides with Cyclodextrins

Hromadova M; Pospisil L; Zalis S; Fanelli N

44 (2002): 373–380.

<http://www.cnr.it/prodotto/i/39126>

info:cnr-pdr/source/autori:Hromadova M, Pospisil L, Zalis S, Fanelli N/titolo:Electrochemical Detection of Host-Guest Interactions of Dicarboximide Pesticides with Cyclodextrins/

105)-Mechanism of selenium hydride atomisation, fate of free atoms and temperature in argon shielded, highly fuel rich, hydrogen-oxygen diffusion microflame studied by atomic absorption spectrometry

D'Ulivo A. 1; Dedina J. 2; Lampugnani L. 3; Matousek T. 4subjectSpettrometriasubjectAtomizzatorisubjectIldrurisubjectAnalisi
Journal of analytical atomic spectrometry (Print) 17 (2002): 253–257.
<http://www.cnr.it/prodotto/i/39148>

info:cnr-pdr/source/autori:D'Ulivo A. 1, Dedina J. 2, Lampugnani L. 3, Matousek T. 4/titolo:Mechanism of selenium hydride atomisation, fate of free atoms and temperature in argon shielded, highly fuel rich, hydrogen-oxygen diffusion microflame studied by atomic absorption spectrometry/

106)-Trajectory-Surface-Hopping Study of the Renner-Teller Effect in the N(2D) +H2 Reaction

Santoro F. 1; Petrongolo C. 2; Schatz G.C. 3subjectcollisionsubjectsemiclassical dyn.subjectRenner-Teller effect
The journal of physical chemistry. A 106 (2002): 8276–8284.
<https://dx.doi.org/10.1021/jp014312f>

107)-Quantitative micro-analysis by laser-induced breakdown spectroscopy: a review of the experimental approaches

Tognoni E.; Palleschi V.; Corsi M.; Cristoforetti G.subjectLIBSsubjectspectroscopysubjectquantitative analysis
Spectrochimica acta. Part B, Atomic spectroscopy 57 (2002): 1115–1130.
<http://www.cnr.it/prodotto/i/39174>

info:cnr-pdr/source/autori:Tognoni E., Palleschi V., Corsi M., Cristoforetti G./titolo:Quantitative micro-analysis by laser-induced breakdown spectroscopy: a review of the experimental approaches/

108)-A procedure for correcting self-absorption in calibration free-laser induced breakdown spectroscopy

Bulajic D.; Corsi M.; Cristoforetti G.; Legnaioli S.; Palleschi V.; Salvetti A.; Tognoni E.subjectLIBSsubjectsself absorptionsubjectcurve of growth
Spectrochimica acta. Part B, Atomic spectroscopy 57 (2002): 339–353.
<http://www.cnr.it/prodotto/i/39176>

info:cnr-pdr/source/autori:Bulajic D., Corsi M., Cristoforetti G., Legnaioli S., Palleschi V., Salvetti A., Tognoni E./titolo:A procedure for correcting self-absorption in calibration free-laser induced breakdown spectroscopy/

109)-Activity coefficients of lanthanum salts at 298.15 K

Malatesta F.; Bruni F.; Fanelli N.subjectactivity coefficientssubjectelectrolyte solutionssubjectliquid membrane cellssubjectelectrolyte theories
PCCP. Physical chemistry chemical physics (Print) 4 (2002): 121–126.

<http://www.cnr.it/prodotto/i/39177>

info:cnr-pdr/source/autori:Malatesta F., Bruni F., Fanelli N./titolo:Activity coefficients of lanthanum salts at 298.15 K/

110)-Role of functional groups and surfactant charge in regulating chlorophyll aggregation in micellar solutions

Agostiano A.; Catucci L.; Colafemmina G.; Scheer H.

<http://www.cnr.it/prodotto/i/39188>

111)-Chlorophyll a behavior in aqueous solvents: formation of nanoscale self-assembled complexes

Agostiano A.; Cosma P.; Trotta M.; Monsù-Scolaro L.; Micali N.subjectChlorophyll asubjectself assembly

The journal of physical chemistry. B 106 (2002): 12820–12829.

<https://dx.doi.org/10.1021/jp026385k>

112)-A mathematical model for the quinone-herbicide competition in the reaction centers of Rhodobacter sphaeroides

Halmschlager A.; Tandori J.; Trotta M.; Rinyu L.; Pfeiffer I.; Nagy L.subjectElectron transportssubjectRhodobacter sphaeroidessubjectReaction centressubjectPhotosynthesissubjectQB-site

Functional plant biology (Print) 29 (2002): 443–449.

<https://dx.doi.org/10.1071/PP01005>

113)-VLE and LLE of perfluoroalkane + alkane mixtures

Duce C. 1; Tine` M.R. 1 Lepori L. 2; Matteoli E 2subjectvapour-liquidssubjectactivity coefficientssubjectperfluoroalkanesubjectalkanesubjectinteraction

Fluid phase equilibria 199 (2002): 197–212.

<http://www.cnr.it/prodotto/i/39200>

info:cnr-pdr/source/autori:Duce C. 1, Tine` M.R. 1 Lepori L. 2, Matteoli E 2/titolo:VLE and LLE of perfluoroalkane + alkane mixtures/

114)-Complex Response Function of Magnetic Resonance Spectrometers

Annino G.; Cassettari M.; Fittipaldi M.; Martinelli M.subjectdielectric resonatorssubjectvector response func

Journal of magnetic resonance (San Diego, Calif., 1997 : Print) 157 (2002): 74–81.

<http://www.cnr.it/prodotto/i/39208>

info:cnr-pdr/source/autori:Annino G., Cassettari M., Fittipaldi M., Martinelli M./titolo:Complex Response Function of Magnetic Resonance Spectrometers/

115)-The endothermic effects during denaturation of lysozyme by temperature modulated calorimetry and an intermediate reaction equilibrium

Salveti G. (1); Tombari E. (1); Mikheeva L. (2); Johari G.P.(3)subjectSCANNING CALORIMETERsubjectPROTEINsubjectRELAXATIONsubjectSTABILITYsubjectDSC 106 (2002): 6081–6087.

<http://www.cnr.it/prodotto/i/39209>

info:cnr-pdr/source/autori:Salveti G. (1), Tombari E. (1), Mikheeva L. (2), Johari G.P.(3)/titolo:The endothermic effects during denaturation of lysozyme by temperature modulated calorimetry and an intermediate reaction equilibrium/

116)-Vortex Nucleation in Bose-Einstein Condensates in an Oblate, Purely Magnetic Potential

Hodby E. 1; Hechenblaikner G. 2; Hopkins S.A. 3; Maragò O.M. 4; Foot C.J. 5subjectMesoscopic systemssubjectSuperfluiditysubjectBose-Einstein CondsubjectAtomic PhysicssubjectCold Atoms

Physical review letters (Print) 88 (2002): 010405–010409.

<https://dx.doi.org/10.1103/PhysRevLett.88.010405>

117)-Direct Observation of Irrotational Flow and Evidence of Superfluidity in a Rotating Bose-Einstein Condensate

Hechenblaikner G. 1; Hodby E. 2; Hopkins S.A. 3; Maragò O.M. 4; Foot C.J. 5subjectMesoscopic systemssubjectAtom based technolosssubjectBose-Einstein condensubjectCold AtomssubjectSuperfluidity

Physical review letters (Print) 88 (2002): 070406–070410.

<https://dx.doi.org/10.1103/PhysRevLett.88.070406>

118)-Bonding configurations and optical band gap for nitrogenated amorphous silicon carbide films prepared by pulsed laser ablation

Trusso S. 1; Barreca F. 2; Neri F.; 3subjectSilicon carbidesubjectlaser ablationsubjectoptical propertiessubjectelectroni propertiessubjectmaterials

Journal of applied physics 92 (2002): 2485–2489.

<http://www.cnr.it/prodotto/i/39223>

info:cnr-pdr/source/autori:Trusso S. 1, Barreca F. 2, Neri F., 3/titolo:Bonding configurations and optical band gap for nitrogenated amorphous silicon carbide films prepared by pulsed laser ablation/

119)-Locally heterogeneous dynamics in miscible blends of poly(methyl methacrylate) and poly(vinylidene fluoride)

G. Carini1; G. D'Angelo1; G. Tripodo1; A. Bartolotta2; G. Di Marco2; M. Lanza2; V. P. Privalko3; 4; B. Ya. Gorodilov5; N. A. Rekheta6; E. G. Privalko7subjectSoft MattersubjectPolymeric blendssubjectDynamical mechanical

The Journal of chemical physics 116 (2002): 7316–7322.

<https://dx.doi.org/10.1063/1.1464821>

120)-Entropy and fluid-fluid separation in nonadditive hard-sphere mixtures: The asymmetric case

Saija F.; Giaquinta P.V.subjectSoft MatterssubjectSimulationssubjecthard sphere

The journal of physical chemistry. B 106 (2002): 2035–2040.

<https://dx.doi.org/10.1021/jp013150k>

121)-Linear response coupled cluster calculation of Raman scattering cross sections.

Pecul M.; Rizzo A.subjectSpettroscopia Ramansubjectproprietà molecolarisubjectfunzioni rispostasubjectcampi elettromagnetisubjectgas

116 (2002): 1259–1268.

<http://www.cnr.it/prodotto/i/39251>

info:cnr-pdr/source/autori:Pecul M., Rizzo A./titolo:Linear response coupled cluster calculation of Raman scattering cross sections./

122)-Cross-over among structural motifs in transition and noble-metal clusters

Baletto F.; Ferrando R.; Fortunelli A.; Montalenti F.; Mottet C.

The Journal of chemical physics 116 (2002): 3856–3863.

<https://dx.doi.org/10.1063/1.1448484>

123)-Conservation of resonance frequency in the collisional transitions between spectral lines

Belli S. 1; Buffa G. 2; Tarrini O.

3subjectspettroscopiasubjectrilassamentosubjectconservazione subjectcollisionisubjectenergia
Physical review. A 65 (2002).

<http://www.cnr.it/prodotto/i/39281>

info:cnr-pdr/source/autori:Belli S. 1, Buffa G. 2, Tarrini O. 3/titolo:Conservation of resonance frequency in the collisional transitions between spectral lines/

124)-Production of ultra-collimated bunches of multi-MeV electrons by 35-fs laser pulses propagating in exploding-foil plasmas

Giulietti D. (1); Galimberti M.; Giulietti A.; Gizzi L.A; Numico R.; Tomassini P.; Borghesi M. (2); Malka V. (3); Fritzler S. (3); M. Pittmann (4); K. Taphouc (4); A. Pukhov (5)subjectHigh Power LaserssubjectPlasma PhysicssubjectParticle accelerationsubjectMedical PhysicssubjectMaterial Science

Physics of plasmas 9 (2002): 3655–3658.

<http://www.cnr.it/prodotto/i/39291>

info:cnr-pdr/source/autori:Giulietti D. (1),Galimberti M., Giulietti A., Gizzi L.A , Numico R., Tomassini P. , Borghesi M. (2), Malka V. (3), Fritzler S. (3), M. Pittmann (4), K. Taphouc (4), A. Pukhov (5)/titolo:Production of ultra-collimated bunches of multi-MeV electrons by 35-fs laser pulses propagating in exploding-foil plasmas/

125)-Observation of Electrochemically Generated Radical Anions of Colchicides and Isocolchicides, and a Comparison with the Radical Anions of Troponoids

M. Cavazza; L. Nucci; F. Pergola; L. Pardi; C. Pinzino; F. Pietra

Tetrahedron (Oxf., Print) 58 (2002): 9553–9558.

<http://www.cnr.it/prodotto/i/39920>

info:cnr-pdr/source/autori:M. Cavazza, L. Nucci, F. Pergola, L. Pardi, C. Pinzino, F. Pietra/titolo:Observation of Electrochemically Generated Radical Anions of Colchicides and Isocolchicides, and a Comparison with the Radical Anions of Troponoids/

126)-Synthesis of anthryl-substituted b-ketoenolates of rhodium(III) and iridium(III): photophysical, electrochemical, and EPR study of the fluorophore-metal interaction

Carano M; Cicogna F.; Houben J. L.; Ingrosso G.; Marchetti F.; Mottier L.; Paolucci F.; Pinzino C.; Roffia S.

Inorganic chemistry 41 (2002): 3396–3409.

<http://www.cnr.it/prodotto/i/39921>

info:cnr-pdr/source/autori:Carano M, Cicogna F., Houben J. L., Ingrosso G., Marchetti F., Mottier L., Paolucci F., Pinzino C., Roffia S./titolo:Synthesis of anthryl-substituted b-ketoenolates of rhodium(III) and iridium(III): photophysical, electrochemical, and EPR study of the fluorophore-metal interaction/

127)-Sucrose Influence on the Structure and Properties of Dimyristoylphosphatidylcholine Membranes

Kiselev M.A.; Lesieur P.; Kisselev A.M.; Lombardo D.; Ollivon M.

Surface investigation: x-ray, synchrotron and neutron techniques 7 (2002): 64–68.

<http://www.cnr.it/prodotto/i/66366>

info:cnr-pdr/source/autori:Kiselev M.A.; Lesieur P.; Kisselev A.M.; Lombardo D.; Ollivon M./titolo:Sucrose Influence on the Structure and Properties of Dimyristoylphosphatidylcholine Membranes/

128)-Wide Angle Neutron Spin Echo and Time-of-Flight Spectrometer

Pappas C.; Triolo A.; Mezei F.; Kischnik R.; Kali G.

<http://www.cnr.it/prodotto/i/66372>

129)-Calibration free laser induced plasma spectroscopy: a new method for combustion products analysis

Corsi M.; Palleschi V.; Salvetti A.; Tognoni E.subjectCombustionsubjectEnvironmental protectionsubjectLasersubjectLIBSsubjectSpectroscopy

CLEAN AIR 3 (2002): 69–79.

<http://www.cnr.it/prodotto/i/66379>

info:cnr-pdr/source/autori:Corsi M., Palleschi V., Salvetti A., Tognoni E./titolo:Calibration free laser induced plasma spectroscopy: a new method for combustion products analysis/

130)-Lichen (*Xanthoria parietina*) biomonitoring of trace element contamination and air quality assessment in Pisa Province (Tuscany , Italy)

Scerbo R.; Ristori T.; Possenti L.; Lampugnani L.; Barale R.; Barghigiani C.

<http://www.cnr.it/prodotto/i/167773>

131)-Line shape study of two-color-three-photon ionization of Rb atoms

Cacelli I.; Fioretti A.; Gabbanini C.; Mazzoni M.; Persico M.

Physical review. A 66 (2002): 1–10.

<http://www.cnr.it/prodotto/i/168067>

info:cnr-pdr/source/autori:Cacelli I., Fioretti A., Gabbanini C., Mazzoni M., Persico M./titolo:Line shape study of two-color-three-photon ionization of Rb atoms/

132)-Development of a novel enzyme/semiconductor nanoparticles system for biosensor application

Curri; M. L.; Agostiano; A.; Leo; G.; Mallardi; A.; Cosma; P.; Della Monica; M.

<http://www.cnr.it/prodotto/i/168626>

133)-Location of holes in silicon-rich oxide as memory states

Crupi I; Lombardo S; Rimini E; Gerardi C; Fazio B; Melanotte MsubjectMemory devicesubjectLocalized trapssubjectElectrical transportsubjectSROsubjectnanocristalli

Applied physics letters 81 (2002): 3591–3593.

<https://dx.doi.org/10.1063/1.1520340>

134)-Lipid-protein stoichiometries in a crystalline biological membrane: NMR quantitative analysis of the lipid extract of the purple membrane.

Corcelli A.; Lattanzio V.M.T.; Mascolo G.; Papadia P.; Fanizzi F.

Journal of lipid research (Print) 43 (2002): 132–140.

<http://www.cnr.it/prodotto/i/168773>

info:cnr-pdr/source/autori:Corcelli A., Lattanzio V.M.T., Mascolo G., Papadia P., Fanizzi F./titolo:Lipid-protein stoichiometries in a crystalline biological membrane: NMR quantitative analysis of the lipid extract of the purple membrane./

135)-Mechanical behavior of polycyanurate-polyurethane sequential full-interpenetrating polymer networks

Bartolotta A.; Di Marco G.; Lanza M.; Carini G. D'Angelo G. Tripodo G. Fainleib A. Danilenko I. Sergeeva S.

Journal of non-crystalline solids 307-310 (2002): 698–704.

[https://dx.doi.org/10.1016/S0022-3093\(02\)01538-7](https://dx.doi.org/10.1016/S0022-3093(02)01538-7)

136)-Numerical Simulations of Random Sound Waves

MEDREK M; MICHALCZYK J; MURAWSKI K; NOCERA Lsubjectrandom mediasubjectacoustic wavessubjectturbulencesubjectnumerical simularions
Waves in random media (Print) 12 (2002): 211–222.
<https://dx.doi.org/10.1088/0959-7174/12/2/304>

137)-EPR and magnetic investigations on sulfides and sulfosalts.

Di Benedetto F.; Bernardini G.P.; Caneschi A.; Cipriani C.; Danti C.; Pardi L.; Romanelli M.
<http://www.cnr.it/prodotto/i/170599>

138)-From achiral porphyrin to template-imprinted chiral aggregates and further. Self-replication of chiral memory from scratch

Lauceri R.; Raudino A.; Monsy Scolaro L.; Micali N.; Purrello R.subjectPorfirinesubjectmemoria chiralesubjectdicroismo circolaresubjectsistemi supramolecolarisubjectSoft Matter
Journal of the American Chemical Society (Print) 124 (2002): 894–895.
<http://www.cnr.it/prodotto/i/170894>

info:cnr-pdr/source/autori:Lauceri R., Raudino A., Monsy Scolaro L., Micali N., Purrello R./titolo:From achiral porphyrin to template-imprinted chiral aggregates and further. Self-replication of chiral memory from scratch/

139)-Scaling properties in the internal structure of dendrimer systems

Mallamace F.; Canetta E.; Lombardo D.; Mazzaglia A.; Romeo A.; Monsy Scolaro L.; Maino G.subjectDendrimerssubjectScalingsubjectStructure
Physica. A (Print) 304 (2002): 235–243.
[https://dx.doi.org/10.1016/S0378-4371\(01\)00548-9](https://dx.doi.org/10.1016/S0378-4371(01)00548-9)

140)-Residual crystalline silicon phase in silicon-rich-oxide films subjected to high temperature annealing

Fazio B; Vulpio M; Gerardi C; Liao Y; Crupi I; Lombardo S; Trusso S; Neri FsubjectRAMAN-SPECTROSCOPY; MICROCRYSTALLINE SILICON; THIN-FILMS; SCATTERING; SPECTRA; SUPERLATTICES; NANOCRYSTALS; SIO2-FILMS; SIZE
Journal of the Electrochemical Society 149 (2002): 376–378.
<https://dx.doi.org/10.1149/1.1479163>

141)-Thermodynamics of mixing of poly(vinyl chloride) and poly(ethylene-co-vinyl acetate)

Righetti M.C.; Cardelli C.; Sculari M.; Tombari E.; Conti G.
Polymer (Guildford) 43 (2002): 5035–5042.
<http://www.cnr.it/prodotto/i/172977>

info:cnr-pdr/source/autori:Righetti M.C., Cardelli C., Scalari M., Tombari E., Conti G./titolo:Thermodynamics of mixing of poly(vinyl chloride) and poly(ethylene-co-vinyl acetate)/

142)-Nanoscale copper particles derived from solvated Cu atoms in the activation of molecular oxygen

Vitulli G.; Bernini M.; Bertozzi S.; Pitzalis E.; Salvatori P.; Coluccia S.; Martra G.subjectNanoparticlessubjectCoppersubjectOxidationsubjectMolecular oxygensubjectSolvated Cu atomssubjectClusteringssubjectCu nanoparticles
Chemistry of materials 14 (2002): 1183.

<http://www.cnr.it/prodotto/i/173339>

info:cnr-pdr/source/autori:Vitulli G., Bernini M., Bertozzi S., Pitzalis E., Salvatori P., Coluccia S., Martra G./titolo:Nanoscale copper particles derived from solvated Cu atoms in the activation of molecular oxygen/

143)-Nanocrystals MOS with silicon-rich oxide

Crupi I.; Lombardo S.; Gerardi C.; Fazio B.; Vulpio M.; Rimini E.; Melanotte M.
Diffusion and defect data, solid state data. Part B, Solid state phenomena 82-84 (2002): 675–675.

<http://www.cnr.it/prodotto/i/173362>

info:cnr-pdr/source/autori:Crupi I., Lombardo S., Gerardi C., Fazio B., Vulpio M., Rimini E., Melanotte M./titolo:Nanocrystals MOS with silicon-rich oxide/

144)-Nucleation effects in the aggregation of water-soluble porphyrin aqueous solutions

Monsy Scolaro L.; Castriciano M.A.; Romeo A.; Mazzaglia A.; Mallamace F.; Micali N.subjectComplex FluidssubjectPorphyrinssubjectFractalsubjectAggregation
Physica. A (Print) 304 (2002): 158–169.

<http://www.cnr.it/prodotto/i/173370>

info:cnr-pdr/source/autori:Monsy Scolaro L., Castriciano M.A., Romeo A., Mazzaglia A., Mallamace F., Micali N./titolo:Nucleation effects in the aggregation of water-soluble porphyrin aqueous solutions/

145)-Nucleation effects in the aggregation of water-soluble porphyrin aqueous solutions

Scolaro LM; Castriciano M; Romeo A; Mazzaglia A; Mallamace F; Micali N
Physica. A (Print) 304 (2002): 158–169.

<http://www.cnr.it/prodotto/i/176435>

info:cnr-pdr/source/autori:Scolaro LM; Castriciano M; Romeo A; Mazzaglia A; Mallamace F; Micali N/titolo:Nucleation effects in the aggregation of water-soluble porphyrin aqueous solutions/

146)-First-Order Phase Transition and Phase Coexistence in a Spin-Glass Model

Crisanti, A.; Leuzzi, L.subjectBLUME-EMERY-GRIFFITHS MODELsubjectRANDOM-ENERGY MODELsubjectMEAN-FIELD THEORYsubjectDYNAMICS

Physical review letters 89 (2002): 237204.

<https://dx.doi.org/10.1103/PhysRevLett.89.237204>

147)-Chemical and isotopic compositions of water and dissolved sulfate from shallow wells on Vulcano Island, Aeolian Archipelago, Italy.

Cortecci G.; Dinelli E.; Bolognesi L.; Boschetti T.; Ferrara G.

Fuel and energy abstracts 43 (2002): 121–121.

<http://www.cnr.it/prodotto/i/187500>

info:cnr-pdr/source/autori:Cortecci G.; Dinelli E.; Bolognesi L.; Boschetti T.; Ferrara G./titolo:Chemical and isotopic compositions of water and dissolved sulfate from shallow wells on Vulcano Island, Aeolian Archipelago, Italy./

148)-O1s->sigma* resonance in O2: inadequacy of only two exchange-split components

M. N. Piancastelli; 1 A. Kivimäki; 2 V. Carravetta; 3 I. Cacelli; 4 R. Cimiraaglia; 5 C. Angeli; 5 H. Wang; 6 M. Coreno; 7M. de Simone; 8 G. Turri; 8 K. C. Prince⁹

Physical review letters 88 (2002): 243002.

<https://dx.doi.org/10.1103/PhysRevLett.88.243002>

149)-Nano-Raman imaging of Cu-TCNQ clusters in TCNQ thin films by scanning near-field optical microscopy

Gucciardi, P.G.; Trusso, S.; Vasi, C.; Patane, S.; Allegrini, M.

PCCP. Physical chemistry chemical physics (Print) 4 (2002): 2747–2753.

<http://www.cnr.it/prodotto/i/216147>

info:cnr-pdr/source/autori:Gucciardi, P.G.; Trusso, S.; Vasi, C.; Patane, S.; Allegrini, M./titolo:Nano-Raman imaging of Cu-TCNQ clusters in TCNQ thin films by scanning near-field optical microscopy/

150)-Optical and structural characterization of GaN/AlN quantum dots grown on Si(111)

Salviati, G.; Martinez, O.; Mazzoni, M.; Rossi, F.; Armani, N.; Gucciardi, P.; Vinattieri, A.; Alderighi, D.; Colocci, M.; Gonzalez, M.A.; Sanz-Santacruz, L.F.; Massies, J.subjectLIGHT EMISSIONsubjectALN

Journal of physics. Condensed matter (Print) 14 (2002): 13329–13336.

<https://dx.doi.org/10.1088/0953-8984/14/48/385>

151)-Polar diffraction gratings made by spatially periodic photopoling Langmuir-Blodgett films

BLINOV LM; PALTO SP; YUDIN SG; DE SANTO MP; CIPPARRONE G; MAZZULLA A; BARBERI RsubjectPHOTOINDUCED OPTICAL ANISOTROPY; AZOBENZENE

Applied physics letters 80 (2002): 16–18.

<https://dx.doi.org/10.1063/1.1431399>

152)-Permanent polarization gratings in photosensitive Langmuir-Blodgett films for polarimetric applications

CIPPARRONE G; MAZZULLA A; BLINOV L MsubjectHOLOGRAPHIC GRATINGS; DIFFRACTION

Journal of the Optical Society of America. B, Optical physics 19 (2002): 1157–1161.

<https://dx.doi.org/10.1364/JOSAB.19.001157>

153)-Permanent polarization gratings in elastomer azo-dye systems: comparison of layered and mixed samples

CIUCHI F; MAZZULLA A; CIPPARRONE GsubjectPHOTOINDUCED ANISOTROPY; HOLOGRAPHIC GRATINGS; DOPED POLYMER; DIFFRACTION

Journal of the Optical Society of America. B, Optical physics 19 (2002): 2531–2537.

<https://dx.doi.org/10.1364/JOSAB.19.002531>

154)-Scaling between magnetization and Drude weight in EuB6

S. Broderick; B. Ruzicka; L. Degiorgi; H. R. OttJ. L. Sarrao; Z. FisksubjectDOUBLE-EXCHANGEsubjectMAGNETORESISTANCEsubjectFERROMAGNETISMsubjectLA1-XSRXMN03subjectRESISTIVITY

Physical review. B, Condensed matter and materials physics 65 (2002): 121102–121105.

<https://dx.doi.org/10.1103/PhysRevB.65.121102>

155)-Chemical and physical hydrogels: two casesystems studied by quasi elastic light scattering

F. Bordia; b, G. Paradossic; d, C. Rinaldic, B. Ruzickad; bsubjectPOLY(VINYL ALCOHOL) HYDROGELSsubjectCOLLOIDAL GELSsubjectDYNAMICSsubjectMEDIA

Physica. A (Print) 304 (2002): 119–128.

[https://dx.doi.org/10.1016/S0378-4371\(01\)00537-4](https://dx.doi.org/10.1016/S0378-4371(01)00537-4)

156)-Low temperature specific heath of AgI-Ag2O-B2O3 glasses

G. Carini; G. D'Angelo; G. Tripodo; A. Bartolotta; G. Di Marco; G. Salvato

Philosophical magazine. B (Online) 82 (2002): 331–338.

<https://dx.doi.org/10.1080/13642810208221312>

157)-The 3-SAT problem with large number of clauses in the infinity-replica symmetry breaking scheme

Crisanti, A; Leuzzi, L; Parisi, GsubjectSPIN-GLASSESsubjectCRITICAL-BEHAVIORsubjectSATISFIABILITYsubjectconstraint satisfaction

Journal of physics. A, mathematical and general (Print) 35 (2002): 481–497.

<https://dx.doi.org/10.1088/0305-4470/35/3/303>

158)-Exactly solvable model glass with facilitated dynamics

Leuzzi, L; Nieuwenhuizen, T MsubjectKINETIC ISING-MODELsubjectEFFECTIVE TEMPERATURESsubjectEQUILIBRIUM DYNAMICSsubjectLATTICE-GASsubjectGLASS TRANSITIONsubjectSUPER-COOLED LIQUIDSsubjectAGING RELAXATIONsubjectGLASSY STATEsubjectCOMPLEX SYSTEMS
Journal of physics. Condensed matter (Print) 14 (2002): 1637–1649.
<https://dx.doi.org/10.1088/0953-8984/14/7/320>

159)-Disordered backgammon model

Leuzzi, L; Ritort, FsubjectSPIN-GLASS MODEL; URN MODEL; KINETIC ISING-MODEL; EFFECTIVE TEMPERATURES; ENERGY BARRIERS; RELAXATION PROCESSES; SLOW DYNAMICS; GLASS TRANSITION; GLASSY STATE; SUPER-COOLED LIQUIDS; EFFECTIVE THERMODYNAMICS
Physical review. E, Statistical, nonlinear, and soft matter physics (Print) 65 (2002): 056125.
<https://dx.doi.org/10.1103/PhysRevE.65.056125>

160)-Residual crystalline silicon phase in silicon-rich-oxide films subjected to high temperature annealing

Fazio; B.a; Vulpio; M.a; Gerardi; C.a; Liao; Y.b; Crupi; I.b; Lombardo; S.b; Trusso; S.c; Neri; F.dsubjectNanocrystal Raman
Journal of the Electrochemical Society (Online) 149 (2002): G376–G378.
<https://dx.doi.org/10.1149/1.1479163>

161)-Effect of the structure of the polymer matrix on the terthiophene chromophore dispersion in dichroic polyethelene films

Pucci, A; Ruggeri, G; Moretto, L; Bronco, Ssubjectpolymeric linear polarizers; dichroic terthiophene derivatives; polyethylene blends compatibility; pseudo-affine orientation
Polymers for advanced technologies (Print) 13 (2002): 737–743.
<https://dx.doi.org/10.1002/pat.258>

162)-Copolymerization of styrene with methyl-substituted styrenes in the presence of titanium monometalocenes

Oliva, H; Leal, G; Ismayel, A; Arribas, G; Bronco, S
E-Polymers 002 (2002).
<http://www.cnr.it/prodotto/i/269003>

info:cnr-pdr/source/autori:Oliva, H; Leal, G; Ismayel, A; Arribas, G; Bronco, S/titolo:Copolymerization of styrene with methyl-substituted styrenes in the presence of titanium monometalocenes/

163)-Scaling properties in the internal structure of dendrimer systems

Mallamace, F; Canetta, E; Lombardo, D; Mazzaglia, A; Romeo, A; Scolaro, LM; Maino, G
Physica. A (Print) 304 (2002): 235–243.
<http://www.cnr.it/prodotto/i/270708>

info:cnr-pdr/source/autori:Mallamace, F ; Canetta, E ; Lombardo, D ; Mazzaglia, A ; Romeo, A ; Scolaro, LM ; Maino, G/titolo:Scaling properties in the internal structure of dendrimer systems/

164)-Polar and dielectric multiplexed addressing of a nematic bistable display

Lombardo, G; Pane, A; Barberi, Rsubjectliquid
crystalsubjectnematicsubjectbistabilitysubjectmultiplexingsubjectdisplay
Molecular crystals and liquid crystals science and technology. Section A, Molecular crystals and liquid crystals 382 (2002): 65–75.
<https://dx.doi.org/10.1080/713738750>

165)-Percolative phenomena in lecithin reverse micelles: the role of water

Aliotta, F; Fontanella, ME; Pieruccini, M; Salvato, G; Trusso, S; Vasi, C; Lechner, R
Esubjectliving polymerssubjectgelssubjectelectrorheologysubjectreverse micelles
Colloid and polymer science (Print) 280 (2002): 193–202.
<https://dx.doi.org/10.1007/s00396-001-0612-9>

166)-Nano-Raman imaging of Cu-TCNQ clusters in TCNQ thin films by scanning near-field optical microscopy

Gucciardi, PG; Trusso, S; Vasi, C; Patane, S; Allegrini, MsubjectSpectroscopysubjectImaging
PCCP. Physical chemistry chemical physics (Print) 4 (2002): 2747–2753.
<https://dx.doi.org/10.1039/b110475f>

=====

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

1)-Organometallic poly-ynes film and interface Zn-Porphyrin/Cu(100), materials for chemical sensor

G. Polzonetti; M.V. Russo; V. Carravetta; C. Battocchio; A. Ferri; G. Paolucci; A. Goldoni; P. Parent; C. Laffon

<http://www.cnr.it/prodotto/i/116495>

2)-Near-Field Raman imaging of defects in molecular crystals with subdiffraction resolution

P.G. Gucciardi; S. Trusso; C. Vasi; S. Patane'; M. Allegrini

The 7th International Conference on Near-Field Optics and Related Techniques, Rochester (USA), 2002

<http://www.cnr.it/prodotto/i/116563>

info:cnr-pdr/source/autori:P.G. Gucciardi, S. Trusso, C. Vasi, S. Patane', M. Allegrini/congresso_nome:The 7th International Conference on Near-Field Optics and Related Techniques/congresso_luogo:Rochester (USA)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

3)-Different Contrast Mechanisms induced by topography artifacts in Near-Field Optical Microscopy

P. G. Gucciardi

SILC-Net School "Nanoscience of soft matter", Rende, 2002

<http://www.cnr.it/prodotto/i/116564>

info:cnr-pdr/source/autori:P. G. Gucciardi/congresso_nome:SILC-Net School "Nanoscience of soft matter"/congresso_luogo:Rende/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

4)-NanoRaman Imaging of the structural properties of TCNQ and Cu-TCNQ thin films by Scanning Near-Field Optical Microscopy

P.G. Gucciardi; S. Trusso; C. Vasi; S. Patane'; M. Allegrini

SILC-Net School "Nanoscience of soft matter", Rende, 2002

<http://www.cnr.it/prodotto/i/116565>

info:cnr-pdr/source/autori:P.G. Gucciardi, S. Trusso, C. Vasi, S. Patane', M. Allegrini/congresso_nome:SILC-Net School "Nanoscience of soft matter"/congresso_luogo:Rende/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

5)-A Versatile Multipurpose Scanning Probe Microscope”,

E. Cefali'; S. Patane'; P.G. Gucciardi; M. Allegrini

The 7th International Conference on Near-Field Optics and Related Techniques, Rochester (USA), 2002

<http://www.cnr.it/prodotto/i/116572>

info:cnr-pdr/source/autori:E. Cefali', S. Patane', P.G. Gucciardi, M. Allegrini./congresso_nome:The 7th International Conference on Near-Field Optics and Related Techniques/congresso_luogo:Rochester (USA)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

6)-Intensity vs. Amplitude Detection in Scattering-type Near-field Optical Microscopy

M. Labardi; M. Allegrini; S. Patane'; E. Cefali'; P.G. Gucciardi

The 7th International Conference on Near-Field Optics and Related Techniques, Rochester (USA), 2002

<http://www.cnr.it/prodotto/i/116573>

info:cnr-pdr/source/autori:M. Labardi, M. Allegrini, S. Patane', E. Cefali', and P.G. Gucciardi/congresso_nome:The 7th International Conference on Near-Field Optics and Related Techniques/congresso_luogo:Rochester (USA)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

7)-Near-Field Raman imaging of molecular crystals with sub-diffraction resolution

P.G. Gucciardi; S. Trusso; C. Vasi; S. Patane'; M. Allegrini

International Conference on Superlattices, Nanostructures and Nanodevices, Toulouse (France), 2002

<http://www.cnr.it/prodotto/i/116574>

info:cnr-pdr/source/autori:P.G. Gucciardi, S. Trusso, C. Vasi, S. Patane', M. Allegrini/congresso_nome:International Conference on Superlattices, Nanostructures and Nanodevices/congresso_luogo:Toulouse (France)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

8)-Transferable Group Contributions for a Variety of Chemical Phenomena and Compounds

Alagona G.; Campanile S.; Ghio C.; Monti S.

XXVIII CONGRESO DE QUÍMICOS TEÓRICOS DE EXPRESIÓN LATINA, Montevideo (Uruguay), 2002

<http://www.cnr.it/prodotto/i/116626>

info:cnr-pdr/source/autori:Alagona G., Campanile S., Ghio C., Monti S./congresso_nome:XXVIII CONGRESO DE QUÍMICOS TEÓRICOS DE EXPRESIÓN LATINA/congresso_luogo:Montevideo (Uruguay)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

9)-BSSE Study of the Oxazaborolidine-Ketone Interaction in a Model System

Alagona Giuliano; Ghio Caterina; Tomasi Simone

XXVIII CONGRESO DE QUÍMICOS TEÓRICOS DE EXPRESIÓN LATINA, Montevideo (Uruguay), 2002

<http://www.cnr.it/prodotto/i/116627>

info:cnr-pdr/source/autori:Alagona Giuliano, Ghio Caterina, Tomasi Simone/congresso_nome:XXVIII CONGRESO DE QUÍMICOS TEÓRICOS DE EXPRESIÓN LATINA/congresso_luogo:Montevideo (Uruguay)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

10)-Continuum Solvation of Stable Conformers of Neutral and Protonated Noradrenaline in Vacuo and in the Presence of a Water Molecule

Alagona G.; Ghio C.

WATOC 2002, Lugano (Switzerland), 2002

<http://www.cnr.it/prodotto/i/116628>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:WATOC 2002/congresso_luogo:Lugano (Switzerland)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

11)-Is the Second Proton Transfer in Triosephosphate Isomerase Intramolecular or His 95 Assisted?

Alagona G.; Ghio C.; Kollman P.A.

WATOC 2002, Lugano (Switzerland), 2002

<http://www.cnr.it/prodotto/i/116629>

info:cnr-pdr/source/autori:Alagona G., Ghio C., Kollman P.A./congresso_nome:WATOC 2002/congresso_luogo:Lugano (Switzerland)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

12)-Transferable Group Contributions for a Variety of Chemical Phenomena and Compounds

Alagona G.; Ghio C.; Monti S.

Molecular Simulations in Structural Biology and Drug Discovery, San Francisco, CA, USA, 2002

<http://www.cnr.it/prodotto/i/116630>

info:cnr-pdr/source/autori:Alagona G., Ghio C., Monti S./congresso_nome:Molecular Simulations in Structural Biology and Drug Discovery/congresso_luogo:San Francisco, CA, USA/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

13)-An FEP/QM Approach to the Second Proton Transfer in Triose-Phosphate Isomerase

Alagona G.; Ghio C.; Kollman P.A.

Molecular Simulations in Structural Biology and Drug Discovery, San Francisco, CA, USA, 2002

<http://www.cnr.it/prodotto/i/116631>

info:cnr-pdr/source/autori:Alagona G., Ghio C., Kollman P.A./congresso_nome:Molecular Simulations in Structural Biology and Drug Discovery/congresso_luogo:San Francisco, CA, USA/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

14)-Analisi multivariata di titolazioni spettrofotometriche dei sistemi rna/proflavina e rna/pt(ii)-proflavina

J.Alonso; O.Camarero; N.Fanelli; B.Martelli; F.Secco; M.Venturini

XVII Congresso Nazionale di Chimica Analitica, Viareggio (Lucca), 2002

<http://www.cnr.it/prodotto/i/116878>

info:cnr-pdr/source/autori:J.Alonso, O.Camarero,N.Fanelli, B.Martelli,F.Secco,M.Venturini/congresso_nome:XVII Congresso Nazionale di Chimica Analitica/congresso_luogo:Viareggio (Lucca)/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

15)-Ruthenium-based optical sensor for gaseous oxygen detection

G. Di Marco; G. Calogero; M. Lanza; P. Bizzarri; A. Mignani

AISEM 2002 – VII Congresso Nazionale Sensori e Microsistemi, Bologna, 2002

<http://www.cnr.it/prodotto/i/117047>

info:cnr-pdr/source/autori:G. Di Marco, G. Calogero, M. Lanza, P. Bizzarri, A. Mignani/congresso_nome:AISEM 2002 – VII Congresso Nazionale Sensori e Microsistemi/congresso_luogo:Bologna/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

16)-Thermal and Mechanical Properties of Simultaneous and Sequential Full-Interpenetrating Polymer Networks

G. Di Marco; A. Bartolotta; M. Lanza; G. Carini; G. D'Angelo; G. Tripodo; A. Fainleib; I. Danilenko; V. Grytsenko; L Sergeeva

International conference on Internal Friction and Ultrasonic Attenuation in Solids (ICIFUAS), Bilbao, Spain, July 8-12, 2002

<http://www.cnr.it/prodotto/i/117048>

info:cnr-pdr/source/autori:G. Di Marco, A. Bartolotta, M. Lanza, G. Carini, G. D'Angelo, G. Tripodo, A. Fainleib, I. Danilenko, V. Grytsenko, L Sergeeva/congresso_nome:International conference on Internal Friction and Ultrasonic Attenuation in Solids (ICIFUAS)/congresso_luogo:Bilbao, Spain/congresso_data:July 8-12, 2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

17)-Gaseous Oxygen detection by means of a Ruthenium-based Optical Fiber Sensor

G. Di Marco; M. Lanza; G. Calogero; P. Bizzarri; A. G. Mignani

PHOTONICS 2002-Sixth International Conference on Opto-electronics, Fiberr Optics and Photonics, Mumbai, India, 2002

<http://www.cnr.it/prodotto/i/117049>

info:cnr-pdr/source/autori:G. Di Marco, M. Lanza, G. Calogero, P. Bizzarri, A. G. Mignani/congresso_nome:PHOTONICS 2002-Sixth International Conference on Opto-electronics, Fiberr Optics and Photonics/congresso_luogo:Mumbai, India/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

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

Rizzo; A.

Mediterranean Seminar on Computational Chemistry for Complex Systems, Palermo, 2002

<http://www.cnr.it/prodotto/i/117103>

info:cnr-pdr/source/autori:Rizzo, A./congresso_nome:Mediterranean Seminar on Computational Chemistry for Complex Systems/congresso_luogo:Palermo/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

19)-Turbulence in the dissipative DNLS

Nocera L.subjectplasmassubjectturbulencesubjectsolitary waves

MHD Turbulence, Parigi, 2002

<http://www.cnr.it/prodotto/i/117311>

info:cnr-pdr/source/autori:Nocera L./congresso_nome:MHD Turbulence/congresso_luogo:Parigi/congresso_data:2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

20)-Electrons and Photons in Solids

Doni E.

<http://www.cnr.it/prodotto/i/137185>

21)-Preface

Mallamace F.; Glotzer S.; Malescio G.; Poole P.; Salvetti G.

<http://www.cnr.it/prodotto/i/137186>

22)-Making cold molecules from laser-cooled atoms

Gabbanini C.; Fioretti A.

<http://www.cnr.it/prodotto/i/137188>

23)-Quantum calculations of spectral and dynamical properties of NO₂ due to the X²A'/A²A' conical intersection

Santoro F.; Petrongolo C.

<http://www.cnr.it/prodotto/i/137189>

24)-A method for robust solutions in the weak-intensity laser control of multilevel systems

Lami A.; Santoro F.

<http://www.cnr.it/prodotto/i/137190>

25)-Adiabatic and non-adiabatic dynamics of some atmospheric and combustion reactions

Santoro F.; Defazio P.; Petrongolo C.

<http://www.cnr.it/prodotto/i/137192>

26)-The archaeal cardiolipins of extreme halophiles.

Corcelli A.; Lattanzio V.M.T.; Oren A.

<http://www.cnr.it/prodotto/i/137193>

27)-Interactions between quinones and the bacterial Reaction Centre: physicochemical features of the overall binding process

Mallardi A.; Giustini M.; Palazzo G.

<http://www.cnr.it/prodotto/i/137194>

28)-Quando la Fisica parlava tedesco (alcune memorie di un'epoca)

Salvatore Antoci/subjectrelativitàsubjectelettromagnetismosubjectteoria dei
quantisubjectmemorie originali
2002

<http://www.cnr.it/prodotto/i/137195>

info:cnr-pdr/source/autori:Salvatore Antoci/titolo:Quando la Fisica parlava tedesco (alcune memorie di un'epoca)/editore:/anno:2002

29)-Making molecules from laser-cooled atoms

Gabbanini C.; Fioretti A.subjectlaser coolingsubjectmolecole freddesubjectspettroscopia

, 2002

<http://www.cnr.it/prodotto/i/137196>

info:cnr-pdr/source/autori:Gabbanini C., Fioretti A./titolo:Making molecules from laser-cooled atoms/titolo_volume:/curatori_volume:/editore:/anno:2002

30)-Normal spectral emissivity changes in niobium under pulse-heating conditions

F. Righini; J. Spišiak; G.C. Bussolino

, 2002

<http://www.cnr.it/prodotto/i/137241>

info:cnr-pdr/source/autori:F. Righini, J. Spišiak, G.C. Bussolino;/titolo:Normal spectral emissivity changes in niobium under pulse-heating conditions/titolo_volume:/curatori_volume:/editore:/anno:2002

31)-RUTHENIUM-BASED OPTICAL SENSOR FOR GASEOUS OXYGEN DETECTION

G. Di Marco; M. Lanza; G. Calogero; P. Bizzarri; A. G. Mignani

. Singapore: World Scientific Publ. Co., 2002

<http://www.cnr.it/prodotto/i/137274>

info:cnr-pdr/source/autori:G. Di Marco, M. Lanza, G. Calogero, P. Bizzarri, A. G. Mignani/titolo:RUTHENIUM-BASED OPTICAL SENSOR FOR GASEOUS OXYGEN DETECTION/titolo_volume:/curatori_volume:/editore:

/anno:2002

32)-Antenna interstiziale con choke miniaturizzato per applicazioni di ipertermia a microonde in Medicina e Chirurgia

<http://www.cnr.it/prodotto/i/144960>

33)-Antenna interstiziale a microonde ad effetto laterale per il trattamento termodistruttivo dei tessuti in chirurgia miniinvasiva

Longo I;

<http://www.cnr.it/prodotto/i/144961>

34)-: Metodo per la produzione con una lampada senza elettrodi di una radiazione UV, visibile o IR e lampada che attua tale metodo

<http://www.cnr.it/prodotto/i/144962>

35)-The interpretation of Helium scattering in the thermal energy regime to obtain information about surface structures and interaction data for adsorbate covered metallic surface

Petrella G.; Cassidei L.; Ciriaco F. Petrella G.; Cassidei L.; Ciriaco F.

<http://www.cnr.it/prodotto/i/173738>

36)-Polyorganophosphazene metal catalysts

Pertici P.; Vitulli G.; Salvadori P.; Pitzalis E.; Gleria M.

<http://www.cnr.it/prodotto/i/174092>

37)-Scanning near-field optical spectroscopy of quantum-confined semiconductor nanostructures

Colocci, M.; Emiliani, V.; Gucciardi, P.G.; Kudrna, J.; Vinattieri, A.

NANOSCALE SPECTROSCOPY AND ITS APPLICATIONS TO SEMICONDUCTOR RESEARCH, pp. 199–209, 2002

<http://www.cnr.it/prodotto/i/216154>

info:cnr-pdr/source/autori:Colocci, M.; Emiliani, V.; Gucciardi, P.G.; Kudrna, J.; Vinattieri, A./titolo:Scanning near-field optical spectroscopy of quantum-confined semiconductor nanostructures/titolo_volume:NANOSCALE SPECTROSCOPY AND ITS APPLICATIONS TO SEMICONDUCTOR RESEARCH/curatori_volume:/editore:/anno:2002

38)-Near-field Raman spectroscopy: an experimental set-up

Patane, S.; Gucciardi, P.G.; Trusso, S.; Vasi, C.; Allegrini, M.

Conference on State of Art and Future Development in Raman Spectroscopy and Related Techniques, pp. 130–136, REGGIO CALABRIA, ITALY, 2001

<urn:isbn:1-58603-262-3>

info:cnr-pdr/source/autori:Patane, S.; Gucciardi, P.G.; Trusso, S.; Vasi, C.; Allegrini, M./congresso_nome:Conference on State of Art and Future Development in Raman Spectroscopy and Related Techniques/congresso_luogo:REGGIO CALABRIA, ITALY/congresso_data:2001/anno:2002/pagina_da:130/pagina_a:136/intervallo_pagine:130–136

39)-Vibrational excitations in lithium and silver borate glasses

G. Di Marco; A. Bartolotta; G. Carini; G. D'Angelo; G. Tripodo; C. Vasi

Third Workshop on "Non equilibrium phenomena in supercooled fluids, glasses and amorphous materials", Pisa, Italy, 22-27 September 2002

<http://www.cnr.it/prodotto/i/250729>

info:cnr-pdr/source/autori:G. Di Marco,A. Bartolotta, G. Carini, G. D'Angelo, G. Tripodo, C. Vasi/congresso_nome:Third Workshop on "Non equilibrium phenomena in supercooled fluids, glasses and amorphous materials"/congresso_luogo:Pisa, Italy/congresso_data:22-27 September 2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

40)-Ultrasonic Relaxations in Borate Glasses

G. Di Marco; A. Bartolotta; G. D'Angelo; G. Tripodo; G. Carini; E. Cosio

International conference on Internal Friction and Ultrasonic Attenuation in Solids (ICIFUAS). July 8-12, 2002, Bilbao, Spain, Bilbao, Spain, July 8-12, 2002

<http://www.cnr.it/prodotto/i/250735>

info:cnr-pdr/source/autori:G. Di Marco, A. Bartolotta, G. D'Angelo, G. Tripodo, G. Carini, E. Cosio/congresso_nome:International conference on Internal Friction and Ultrasonic Attenuation in Solids (ICIFUAS). July 8-12, 2002, Bilbao, Spain/congresso_luogo:Bilbao, Spain/congresso_data:July 8-12, 2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

41)-Atomistic modelling of the mechanical properties of amorphous polymers

FORTUNELLI A. and LAZZERI A.

Times of Polymers, Ischia, 06/2002

<http://www.cnr.it/prodotto/i/265574>

info:cnr-pdr/source/autori:FORTUNELLI A. and LAZZERI A./congresso_nome:Times of Polymers/congresso_luogo:Ischia/congresso_data:06/2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

42)-Simulazione atomistica delle proprietà meccaniche del policarbonato del bisfenolo-A (BPA-PC)

FORTUNELLI A. and LAZZERI A. and LEVITA G. and MARCHETTI G.

VI AIMAT Conference, Modena, 04/2002

<http://www.cnr.it/prodotto/i/265578>

info:cnr-pdr/source/autori:FORTUNELLI A. and LAZZERI A. and LEVITA G. and MARCHETTI G./congresso_nome:VI AIMAT Conference/congresso_luogo:Modena/congresso_data:04/2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

43)-Influence of low level nitrogenation on the structural properties of pulsed laser ablation deposited a-CN_x films

Fazio, E; Barreca, F; Neri, F; Trusso, S

Conference on State of Art and Future Development in Raman Spectroscopy and Related Techniques, REGGIO CALABRIA, ITALY, 2001

<http://www.cnr.it/prodotto/i/266177>

info:cnr-pdr/source/autori:Fazio, E; Barreca, F ; Neri, F ; Trusso, S/congresso_nome:Conference on State of Art and Future Development in Raman Spectroscopy and Related Techniques/congresso_luogo:REGGIO CALABRIA, ITALY/congresso_data:2001/anno:2002/pagina_da:/pagina_a:/intervallo_pagine:

44)-Phorphyrin Interactions with Amphiphilic Cyclodextrin: A Potential Drug-Delivery system in cancer Photodynamic Therapy

Mazzaglia, A.; Angelini, N.; Darcy, R.; Donohue, R.; Lombardo, D.; Micali, N.; Sciortino, M.T.; Villari, V.; Scolaro, L.M.

Euresco Conference: Reactivity in Organized Microstructure, Acquafredda di Maratea (MT) - Italy, 22-27 giugno 2002

<http://www.cnr.it/prodotto/i/270827>

info:cnr-pdr/source/autori:Mazzaglia, A., Angelini, N., Darcy, R., Donohue, R., Lombardo, D., Micali, N., Sciortino, M.T., Villari, V., Scolaro, L.M./congresso_nome:Euresco Conference: Reactivity in Organized Microstructure/congresso_luogo:Acquafredda di Maratea (MT) - Italy/congresso_data:22-27 giugno 2002/anno:2002/pagina_da:/pagina_a:/intervallo_pagine: