

Peer-reviewed journal articles

1)-Coherent effects on the Zeeman sublevels of hyperfine states at the D1 and D2 lines of Rb

Alzetta G. 1; Cartaleva S. 2; Dancheva Y. 2; Andreeva Ch. 2; Gozzini S. 3; Botti L. 1 Rossi A.
1subjectAtomic coherencesubjectcoherent populationsubjectoptical pumping

Journal of optics. B, Quantum and semiclassical optics (Print) 3 (2001): 181–188.

<https://dx.doi.org/10.1088/1464-4266/3/3/317>

2)-Fluidity changes in thylakoid membranes of durum wheat induced by oxidative stress: a spin probe EPR study

Calucci L. 1; Navari-Izzo F. 2; Pinzino C. 1; Sgherri C.L.M.
2subjectThylakoidssubjectmembrane fluiditysubjectspin probe EPRsubjectoxidative stresssubjectfree radicals

105 (2001): 3127–3134.

<http://www.cnr.it/prodotto/i/39151>

info:cnr-pdr/source/autori:Calucci L. 1, Navari-Izzo F. 2, Pinzino C. 1, Sgherri C.L.M.
2/titolo:Fluidity changes in thylakoid membranes of durum wheat induced by oxidative stress: a spin probe EPR study/

3)-Revisiting Weyl's calculation of the gravitational pull in Bach's two-body solution

Antoci; S.; Liebscher; D.-E.; Mihich; L.subjectrelatività generalesubjectsoluzioni esattesubjectsingolaritàsubjectSchwarzschild

Classical and quantum gravity (Print) 18 (2001): 3463–3471.

<http://www.cnr.it/prodotto/i/39156>

info:cnr-pdr/source/autori:Antoci, S., Liebscher, D.-E., Mihich, L./titolo:Revisiting Weyl's calculation of the gravitational pull in Bach's two-body solution/

4)-Selective determination of thiolic proteins by Hydrophobic Interaction Chromatography coupled with on-line Cold Vapour Atomic Fluorescence Spectrometry

Bramanti E.; Lucchesini S.; D'Ulivo A.; Lampugnani L.; Zamboni R.; Spinetti M.C.; Raspi G.subjectproteine tiolichesubjectcromatografiasubjectspettrometria atomicsubjecttecniche ifenate

Journal of analytical atomic spectrometry (Print) 16 (2001): 166–171.

<http://www.cnr.it/prodotto/i/39157>

info:cnr-pdr/source/autori:Bramanti E., Lucchesini S., D'Ulivo A., Lampugnani L., Zamboni R., Spinetti M.C., Raspi G./titolo:Selective determination of thiolic proteins by Hydrophobic Interaction Chromatography coupled with on-line Cold Vapour Atomic Fluorescence Spectrometry/

5)-The localization/delocalization dilemma in mixed-valence systems: a theoretical investigation on the application of the photon echo technique

Lami A. 1subjectmixed-valencesubjectphoton-echosubjectlocaliz./delocaliz.

Chemical physics (Print) 273 (2001): 159–167.

<http://www.cnr.it/prodotto/i/39161>

info:cnr-pdr/source/autori:Lami A. 1/titolo:The localization/delocalization dilemma in mixed-valence systems: a theoretical investigation on the application of the photon echo technique/

6)-Ag submonolayer structure on Pt(111) in conditions of thermodynamic equilibrium from simulation of helium scattering experiments

Petrella G.; Cassidei L.; Ciriaco F.

<http://www.cnr.it/prodotto/i/39199>

7)-Evaluating the magnetic anisotropy in molecular rare earth compounds. Gadolinium derivatives with semiquinone radical and diamagnetic analogues

Caneschi A.; Dei A.; Gatteschi D.; Massa C.A.; 1; Pardi L.A.; 1; Poussereau S.; Sorace L.subjectEPRsubjectMagneticsubjectSpinsubjectLanthanidessubjectSemiquinones

Chemical physics letters (Print) 371 (2001): 694–699.

<http://www.cnr.it/prodotto/i/39206>

info:cnr-pdr/source/autori:Caneschi A., Dei A., Gatteschi D., Massa C.A., 1, Pardi L.A., 1, Poussereau S., Sorace L./titolo:Evaluating the magnetic anisotropy in molecular rare earth compounds. Gadolinium derivatives with semiquinone radical and diamagnetic analogues/

8)-The combined effects of temperature and polymerization rate changes on the real-time conduction and relaxation of a liquid, and the evolution of localized motions

Cardelli C. (1); Tombari E. (1); Johari G.P. (2)subjectDIELECTRIC-RELAXATIOsubjectMOLECULAR-DYNAMICSsubjectCALORIMETRYsubjectMACROMOLECULES GROWTsubjectTHERMOSET

105 (2001): 11035–11043.

<http://www.cnr.it/prodotto/i/39210>

info:cnr-pdr/source/autori:Cardelli C. (1), Tombari E. (1), Johari G.P. (2)/titolo:The combined effects of temperature and polymerization rate changes on the real-time conduction and relaxation of a liquid, and the evolution of localized motions/

9)-Quantitative estimation of the threefold and fourfold carbon coordination in amorphous CN_x films

Trusso S. 1; Mezzasalma A.M. 2; Mondio G. 3; Neri F. 4subjectCarbon NitridessubjectLaser AblationsubjectElectronic propertie

Applied physics letters 78 (2001): 326–328.

<http://www.cnr.it/prodotto/i/39224>

info:cnr-pdr/source/autori:Trusso S. 1, Mezzasalma A.M. 2, Mondio G. 3, Neri F. 4/titolo:Quantitative estimation of the threefold and fourfold carbon coordination in amorphous CN_x films/

10)-Different contrast mechanisms induced by topography artifacts in Near-Field Optical Microscopy

Gucciardi P.G.; Colocci M.subjectNanomaterialssubjectOpticssubjectSpectroscopy

Applied physics letters 79 (2001): 1543–1545.

<http://www.cnr.it/prodotto/i/39226>

info:cnr-pdr/source/autori:Gucciardi P.G., and Colocci M./titolo:Different contrast mechanisms induced by topography artifacts in Near-Field Optical Microscopy/

11)-Controlled dumping of pulses of laser radiation ranging from MIR to the FIR by means of optical semiconductor switching

Marchetti S.; Martinelli M.; Simili R.; Giorgi M.; Fantoni R.subjectinfrarossosubjectimpulsi cortisubjectalta potenza

72 (2001): 927–930.

<http://www.cnr.it/prodotto/i/39262>

info:cnr-pdr/source/autori:Marchetti S., Martinelli M., Simili R., Giorgi M., Fantoni R./titolo:Controlled dumping of pulses of laser radiation ranging from MIR to the FIR by means of optical semiconductor switching/

12)-Temperature Dependence of Foreign gas Broadening and Shift of the aQ(9,9) transition line of ammonia

Baldacchini G. 1; D'Amato F. 2; Buffa G. 3; Tarrini O. 4; M. De Rosa 5; F. Pelagalli 6subjectcollisionisubjectspettrisubjectgas

Journal of Quantitative Spectroscopy & Radiative Transfer 68 (2001): 625–633.

[https://dx.doi.org/10.1016/S0022-4073\(00\)00043-1](https://dx.doi.org/10.1016/S0022-4073(00)00043-1)

13)-Reconsidering Schwarzschild's original solution

S. Antoci; D.-E. Liebschersubjectrelatività generalesubjectsoluzioni esattesubjectsoluzione di Schwarzschildsubjectsingolarità

Astronomische Nachrichten (Print) 322 (2001): 137–142.

<http://www.cnr.it/prodotto/i/39435>

info:cnr-pdr/source/autori:S. Antoci, D.-E. Liebscher/titolo:Reconsidering Schwarzschild's original solution/

14)-One thing that general relativity says about photons in matter

S. Antoci; L. Mihichsubjectrelatività generalesubjectfotoni nei dielettricsubjectmetodo di Gordon

116 (2001): 801–812.

<http://www.cnr.it/prodotto/i/39437>

info:cnr-pdr/source/autori:S. Antoci, L. Mihich/titolo:One thing that general relativity says about photons in matter/

15)-The effect of time-dependent random mass density field on frequencies of solar sound waves

MURAWSKI K; NOCERA L; MEDREK M
MsubjectSun:
convectionsubjectturbulencesubjectglobal oscillationssubjectrandom media
Astronomy & astrophysics (Print) 376 (2001): 708–712.
<https://dx.doi.org/10.1051/0004-6361:20011030>

16)-Solar acoustic oscillations in a random density field

NOCERA L; MEDREK M; MURAWSKI K
subjectssolar global oscillationssubjectturbulent
mediasubjectturbulent mediasubjectLandau damping
Astronomy & astrophysics (Print) 373 (2001): 301–306.
<https://dx.doi.org/10.1051/0004-6361:20010513>

17)-Mathematical models for pulse-heating experiments

J. Spišiak; F. Righini; G.C. Bussolino
International journal of thermophysics 22 (2001): 1241–1251.
<http://www.cnr.it/prodotto/i/39637>

info:cnr-pdr/source/autori:J. Spišiak, F. Righini, G.C. Bussolino;/titolo:Mathematical models
for pulse-heating experiments/

18)-Ten years of parameter estimation applied to dynamic thermophysical property measurements

G. Milano; F. Scarpa; F. Righini; G.C. Bussolino
International journal of thermophysics 22 (2001): 1227–1240.
<http://www.cnr.it/prodotto/i/39638>

info:cnr-pdr/source/autori:G. Milano, F. Scarpa, F. Righini, G.C. Bussolino;/titolo:Ten years of
parameter estimation applied to dynamic thermophysical property measurements/

19)-Ab Initio Modelling of Competitive Drug-Drug Interactions: 5-Fluorouracil Dimers in the Gas Phase and in Solution.

Alagona* G.; Ghio C.; Monti S.
subjectH-bond interactionssubjectstacking
interactionssubjectcorrelation correctionssubjectBSSE, thermal correctionssubjectcontinuum
solvent effect
International journal of quantum chemistry 83 (2001): 128–142.
<http://www.cnr.it/prodotto/i/39680>

info:cnr-pdr/source/autori:Alagona* G., Ghio C., Monti S./titolo:Ab Initio Modelling of
Competitive Drug-Drug Interactions: 5-Fluorouracil Dimers in the Gas Phase and in Solution./

20)-Reaction mechanisms between methylamine and a few Schiff bases: Ab initio potential energy surfaces of a catalytic step in semicarbazide sensitive amino oxidases (SSAO)

Alagona* G.; Ghio C.
subjectpyridoxalphosphatesubjecttopaquinonesubjectbenzylamine Schiff
basessubjecttransamination reactionssubjectaminotransferase mechanism
International journal of quantum chemistry 84 (2001): 740–749.
<http://www.cnr.it/prodotto/i/39681>

info:cnr-pdr/source/autori:Alagona* G., Ghio C./titolo:Reaction mechanisms between methylamine and a few Schiff bases: Ab initio potential energy surfaces of a catalytic step in semicarbazide sensitive amino oxidases (SSAO)/

21)-Olefin Insertion into the Rhodium-Hydrogen Bond as the Step Determining the Regioselectivity of Rhodium-Catalyzed Hydroformylation of Vinyl Substrates: Comparison between Theoretical and Experimental Results

Alagona* G.; Ghio C.; Lazzaroni R.; Settambolo R.
subjectRegioselectivitysubjectComputational predictionssubjecthydroformylationsubjectunmodified rhodium catalystssubjectreaction mechanism

Organometallics 20 (2001): 5394–5404.

<http://www.cnr.it/prodotto/i/39682>

info:cnr-pdr/source/autori:Alagona* G., Ghio C., Lazzaroni R., Settambolo R./titolo:Olefin Insertion into the Rhodium-Hydrogen Bond as the Step Determining the Regioselectivity of Rhodium-Catalyzed Hydroformylation of Vinyl Substrates: Comparison between Theoretical and Experimental Results/

22)-Transfer of coenzyme Q0 from water to aqueous surfactant solutions: The case of Triton X-100

Fini, Paola; Castagnolo, Maurizio; Cuocci, Corrado; Trotta, MassimosubjectubiquinonesubjectTriton X-100subjectmicellization equilibriumsbectSetchenov constantssubjectpartition constantssubjectthermodynamic of transfersubjectMicellization equilibriumsbectPartition constantssubjectSetchenov constantssubjectThermodynamic of transfersubjectTriton X-100subjectUbiquinone

Colloids and surfaces. B, Biointerfaces (Print) 20 (2001): 27–35.

[https://dx.doi.org/10.1016/S0927-7765\(00\)00152-1](https://dx.doi.org/10.1016/S0927-7765(00)00152-1)

23)-Electronic communication in homobimetallic anthracene-bridged η^5 -cyclopentadienyl derivatives of rhodium(I): generation and characterization of the cation-radicals species $[L_2Rh\{C_5H_4CH_2(9,10\text{-anthrylene})CH_2C_5H_4\}RhL_2]^+$.

M. Carano; M. Careri; F. Cicogna; I. D'Ambra; J. L. Houben; G. Ingrosso; M. Marcaccio; F. Paolucci; C. Pinzino; S. Roffia

Organometallics 20 (2001): 3478–3490.

<http://www.cnr.it/prodotto/i/39916>

info:cnr-pdr/source/autori:M. Carano, M. Careri, F. Cicogna, I. D'Ambra, J. L. Houben, G. Ingrosso, M. Marcaccio, F. Paolucci, C. Pinzino, S. Roffia/titolo:Electronic communication in homobimetallic anthracene-bridged η^5 -cyclopentadienyl derivatives of rhodium(I): generation and characterization of the cation-radicals species $[L_2Rh\{C_5H_4CH_2(9,10\text{-anthrylene})CH_2C_5H_4\}RhL_2]^+./$

24)-Oxidative Reactions of “Half-sandwich” ruthenium compounds: Formation of Cationic nitrosyl Ruthenium(II) derivatives

P. Diversi; M. Fontani; M. Fuligni; F. Laschi; S. Matteoni; C. Pinzino; P. Zanello

Journal of organic chemistry 626 (2001): 145–156.

<http://www.cnr.it/prodotto/i/39917>

info:cnr-pdr/source/autori:P. Diversi, M. Fontani, M. Fuligni, F. Laschi, S. Matteoni, C. Pinzino, P. Zanello/titolo:Oxidative Reactions of “Half-sandwich” ruthenium compounds: Formation of Cationic nitrosyl Ruthenium(II) derivatives/

25)-Structure and Dynamics of High Molecular Weight Glutenin Subunits of Durum Wheat (*Triticum durum*) in Water and Alcohol Solutions Studied by Electron Paramagnetic Resonance and Circular Dichroism Spectroscopies

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

Journal of agricultural and food chemistry 49 (2001): 359–365.

<http://www.cnr.it/prodotto/i/39918>

info:cnr-pdr/source/autori:L. Calucci, C. Pinzino, A. Capocchi, L. Galleschi, S. Ghiringhelli, F. Saviozzi, M. Zandomeneghi/titolo:Structure and Dynamics of High Molecular Weight Glutenin Subunits of Durum Wheat (*Triticum durum*) in Water and Alcohol Solutions Studied by Electron Paramagnetic Resonance and Circular Dichroism Spectroscopies/

26)-Influence of magma dynamics on melt structure: spectroscopic studies on volcanic glasses from the Cretaceous tephra of Ischia (Italy)

R. Petrini; C. Forte; G. Orsi; M. Piochi; C. Pinzino; G. Pedrazzi

Contributions to mineralogy and petrology 140 (2001): 532–542.

<http://www.cnr.it/prodotto/i/39919>

info:cnr-pdr/source/autori:R. Petrini, C. Forte, G. Orsi, M. Piochi, C. Pinzino, G. Pedrazzi/titolo:Influence of magma dynamics on melt structure: spectroscopic studies on volcanic glasses from the Cretaceous tephra of Ischia (Italy)/

27)-Absorption and electroabsorption spectra of [(NH₃)₅Ru-pyrazine]⁺² and [(NH₃)₅Ru-pyrazine-H]⁺³ by vibronic model Hamiltonian

Ferretti A.; Improta R.; Lami A.; Villani G.subjectabsorptionsubjectelectroabsorptionsubjectvibronic hamiltoniansubjectRu complexes

PCCP. Physical chemistry chemical physics (Print) 3 (2001): 2576–2580.

<http://www.cnr.it/prodotto/i/39939>

info:cnr-pdr/source/autori:Ferretti A., Improta R., Lami A., Villani G./titolo:Absorption and electroabsorption spectra of [(NH₃)₅Ru-pyrazine]⁺² and [(NH₃)₅Ru-pyrazine-H]⁺³ by vibronic model Hamiltonian/

28)-A screened static-exchange potential for core electron excitations

V. Carravetta; O. Plashkevych; Hans Agrensubjecttheorysubjectcomputational chemistrysubjectcore excitationssubjectNEXAFSsubjectXAS

Chemical physics (Print) 263 (2001): 231–242.

<http://www.cnr.it/prodotto/i/39940>

info:cnr-pdr/source/autori:V. Carravetta, O. Plashkevych and Hans Agren/titolo:A screened static-exchange potential for core electron excitations/

29)-Gas-phase experimental and theoretical near edge X-ray absorption fine structure study of 2-mercaptobenzothiazole

G. Contini; V. Carravetta; V. Di-Castro; S. Stranges; R. Richter; M. Alagia/subjecttheorysubjectexperimentssubjectNEXAFSsubjectXASsubject2-mercaptobenzothiazole

The journal of physical chemistry. A 105 (2001): 7308–7314.

<https://dx.doi.org/10.1021/jp010865e>

30)-Dynamical suppression of atomic peaks in resonant dissociative photoemission

P. Salek; V. Carravetta; FK Gel'mukhanov; H. Agren; B. Schimmelpfennig; MN Piancastelli L. Sorensen; R. Feifel; I. Hjelte; M. Bassler; S. Svensson; O. Bjorneholm; A. de-Brito/subjecttheorysubjectresonant Auger decayssubjectHFsubjectdissociationssubjectatomic peaks

Chemical physics letters (Print) 343 (2001): 332–338.

<http://www.cnr.it/prodotto/i/39942>

info:cnr-pdr/source/autori:P. Salek, V. Carravetta, FK Gel'mukhanov, H. Agren, B. Schimmelpfennig, MN Piancastelli L. Sorensen, R. Feifel, I. Hjelte, M. Bassler, S. Svensson, O. Bjorneholm, A. de-Brito/titolo:Dynamical suppression of atomic peaks in resonant dissociative photoemission/

31)-Photoelectron spectroscopy (PES) study of gas-phase 2,5-(2,2'-dithienyl)diethynyl-thiophene (TRIM): an experimental and theoretical study

G. Polzonetti; V. Carravetta; A. Ferri; P. Altamura; M. Alagia; R. Richter; M.V. Russo/subjectexperimentssubjecttheorysubjectXPSsubject2,5-(2,2'-dithienyl)diethynyl-thiophene

Chemical physics letters (Print) 340 (2001): 449–457.

<http://www.cnr.it/prodotto/i/39943>

info:cnr-pdr/source/autori:G. Polzonetti, V. Carravetta, A. Ferri, P. Altamura, M. Alagia, R. Richter, and M.V. Russo/titolo:Photoelectron spectroscopy (PES) study of gas-phase 2,5-(2,2'-dithienyl)diethynyl-thiophene (TRIM): an experimental and theoretical study/

32)-An investigation of the electronic and structural properties of pulsed laser-deposited a-C films

Neri F; Mondio G; Mezzasalma AM; Fazio E; Trusso S; Fazio B

Thin solid films (Print) 398 (2001): 233–237.

<http://www.cnr.it/prodotto/i/40305>

info:cnr-pdr/source/autori:Neri F, Mondio G, Mezzasalma AM, Fazio E, Trusso S, Fazio B/titolo:An investigation of the electronic and structural properties of pulsed laser-deposited a-C films/

33)-The Cotton-Mouton effect of gaseous CO₂, N₂O, OCS and CS₂. A Cubic Response MCSCF study

Jonsson, D.; Norman, P.; Ågren, H.; Rizzo, A.; Coriani, S.; Ruud, K.

114 (2001): 8372–8381.

<http://www.cnr.it/prodotto/i/40328>

info:cnr-pdr/source/autori:Jonsson, D.; Norman, P.; Ågren, H.; Rizzo, A.; Coriani, S.; Ruud, K./titolo:The Cotton-Mouton effect of gaseous CO₂, N₂O, OCS and CS₂. A Cubic Response MCSCF study/

34)-Coupled Cluster calculation of dispersion contributions to interaction energies and polarizabilities.

Jaszunski, M.; Rizzo, A.; Jørgensen, P.

116 (2001): 251–258.

<http://www.cnr.it/prodotto/i/40329>

info:cnr-pdr/source/autori:Jaszunski, M.; Rizzo, A.; Jørgensen, P./titolo:Coupled Cluster calculation of dispersion contributions to interaction energies and polarizabilities./

35)-The Cotton-Mouton effect of gaseous N₂, CO, CO₂, N₂O, OCS and CS₂: a density functional approach to high-order mixed electric and magnetic properties

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

Chemical physics letters (Print) 346 (2001): 251–258.

<http://www.cnr.it/prodotto/i/40330>

info:cnr-pdr/source/autori:Cappelli, C.; Mennucci, B.; Tomasi, J.; Cammi, R.; Rizzo, A./titolo:The Cotton-Mouton effect of gaseous N₂, CO, CO₂, N₂O, OCS and CS₂: a density functional approach to high-order mixed electric and magnetic properties/

36)-Scaling of local density correlations in a fluid close to freezing

Saija, F.; Prestipino, S.; Giaquinta, PV

The Journal of chemical physics 115 (2001): 7586–7591.

<https://dx.doi.org/10.1063/1.1406528>

37)-Short length-scale dynamics of polyisobutylene by molecular

Karatasos K.; Saija F.; Ryckaert JP

Physica. B + C (Online) 301 (2001): 119–125.

[https://dx.doi.org/10.1016/S0921-4526\(01\)00522-1](https://dx.doi.org/10.1016/S0921-4526(01)00522-1)

38)-Volumetric properties of (an organic compound + di-n-butyl ether) at 298.15K

Bernazzani L.; Ceccanti N.; Conti, G.; Gianni P.; Mollica V.; Tinè M.R.; Lepori L.; Matteoli E.; Spanedda A.

Journal of Chemical Thermodynamics 33 (2001): 629–641.

<http://www.cnr.it/prodotto/i/40528>

info:cnr-pdr/source/autori:Bernazzani L., Ceccanti N., Conti. G, Gianni P., Mollica V., Tinè M.R., Lepori L., Matteoli E., Spanedda A./titolo:Volumetric properties of (an organic compound + di-n-butyl ether) at 298.15K/

39)-Dielectric relaxation and the conformer equilibrium in the liquid and glassy states of b-D-fructose

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

Journal of molecular structure (Print) 559 (2001): 245–254.

<http://www.cnr.it/prodotto/i/40603>

info:cnr-pdr/source/autori:Tombari E., Cardelli C., Salvetti G., Johari G.P./titolo:Dielectric relaxation and the conformer equilibrium in the liquid and glassy states of b-D-fructose/

40)-Free space excitation of novel “fractional” whispering gallery mode dielectric resonators

Annino G.; Cassettari M.; Martinelli M.

Applied magnetic resonance (2001).

<http://www.cnr.it/prodotto/i/40651>

info:cnr-pdr/source/autori:Annino G., Cassettari M., Martinelli M./titolo:Free space excitation of novel “fractional” whispering gallery mode dielectric resonators/

41)-Complex response function of whispering gallery dielectric resonators

Annino G.; Cassettari M.; Fittipaldi M.; Martinelli M.

International journal of infrared and millimeter waves (2001).

<http://www.cnr.it/prodotto/i/40652>

info:cnr-pdr/source/autori:Annino G., Cassettari M., Fittipaldi M., Martinelli M./titolo:Complex response function of whispering gallery dielectric resonators/

42)-Sucrose solutions as prospective medium to study the vesicle structure: SAXS and SANS study

Kiselev M.A.; Lesieur O.; Kisselev A.M.; Lombardo D.; Killany M.; Lesieur S.

Journal of alloys and compounds 328 (2001): 71–76.

<http://www.cnr.it/prodotto/i/40665>

info:cnr-pdr/source/autori:Kiselev M.A.; Lesieur O.; Kisselev A.M.; Lombardo D.; Killany M.; Lesieur S./titolo:Sucrose solutions as prospective medium to study the vesicle structure: SAXS and SANS study/

43)-Glass and percolation transitions in dense attractive micellar system

Mallamace F.; Beneduci R.; Gambadauro P.; Lombardo D.; Chen S.H.

Physica. A (Print) 302 (2001): 202–219.

<http://www.cnr.it/prodotto/i/40666>

info:cnr-pdr/source/autori:Mallamace F.; Beneduci R.; Gambadauro P.; Lombardo D.; Chen S.H./titolo:Glass and percolation transitions in dense attractive micellar system/

44)-A sucrose solutions application to the study of model biological membranes

Kiselev M.A.; Lesieur P.; Kisselev A.M.; Lombardo D.; Killany M.; Lesieur S.; Ollivon M.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 470 (2001): 409–416.

<http://www.cnr.it/prodotto/i/40667>

info:cnr-pdr/source/autori:Kiselev M.A.; Lesieur P.; Kisselev A.M.; Lombardo D.; Killany M.; Lesieur S.; Ollivon M./titolo:A sucrose solutions application to the study of model biological membranes/

45)-Diffusive dynamics of water in the presence of homologous disaccharides: a comparative study by Quasi Elastic Neutron Scattering.IV.

S. Magazù; V. Villari; P. Migliardo; G. Maisano; M.T.F. Telling

The journal of physical chemistry. B 105 (2001): 1851–1855.

<https://dx.doi.org/10.1021/jp002155z>

46)-Separation of scattering and absorption contributions in UV/visible spectra of resonant systems

N. Micali; F. Mallamace; M. Castriciano; A. Romeo; L.M. Scolaro

Analytical chemistry (Wash.) 73 (2001): 4958–4963.

<http://www.cnr.it/prodotto/i/40824>

info:cnr-pdr/source/autori:N. Micali, F. Mallamace, M. Castriciano, A. Romeo, L.M. Scolaro/titolo:Separation of scattering and absorption contributions in UV/visible spectra of resonant systems/

47)-Chemical and Isotopic compositions of water and dissolved sulfate from shallow wells on Vulcano Island, Aeolian Archipelago, Italy

Cortecchi G.; Dinelli E.; Bolognesi L.; Boschetti T.; Ferrara G.subjectGeochemistrysubjectSulfur isotopessubjectWell waterssubjectVulcano IslandssubjectItaly

Geothermics 30 (2001): 69–91.

[https://dx.doi.org/10.1016/S0375-6505\(00\)00037-7](https://dx.doi.org/10.1016/S0375-6505(00)00037-7)

48)-Le mille vite degli organismi fotosintetici

A. Agostiano; L. Giotta; M. Trotta

Sapere (Bari) 67 (2001): 96–101.

<http://www.cnr.it/prodotto/i/66405>

info:cnr-pdr/source/autori:A. Agostiano, L. Giotta, M. Trotta/titolo:Le mille vite degli organismi fotosintetici/

49)-La molecola che conquistò il mondo

M. Trotta e L. Debellis

Villaggio globale (Testo stamp.) 15 (2001): 11–19.

<http://www.cnr.it/prodotto/i/66406>

info:cnr-pdr/source/autori:M. Trotta e L. Debellis/titolo:La molecola che conquistò il mondo/

50)-The electric-field-gradient-induced birefringence and the determination of molecular quadrupole moments

Coriani, S.; Halkier, A.; Rizzo, A.

2 (2001): 1–21.

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Germania/congresso_data:3-9

Settembre

2001/anno:2001/pagina_da:/pagina_a:/intervallo_pagine: