

Peer-reviewed journal articles

1)-The effective colloid interaction in the Asakura-Oosawa model. Assessment of non-pairwise terms from the virial expansion

Santos, Andres; Lopez de Haro, Mariano; Fiumara, Giacomo; Saija, Franz
subjectvirial expansion; Asakura-Oosawa model; colloid-polymer mixture

Journal of chemical physics online 142 (2015): 224903.

<https://dx.doi.org/10.1063/1.4922031>

2)-New Evidence About the Spontaneous Symmetry Breaking: Action of an Asymmetric Weak Heat Source

P. G. Mineo; V. Villari; E. Scamporrino; N. Micali
subjectself-assemblysubjectsupramolecula
chirality

The journal of physical chemistry. B 119 (2015): 12345–12353.

<https://dx.doi.org/10.1021/acs.jpcc.5b07199>

3)-The dynamical fragile-to-strong crossover in attractive colloidal systems

Mallamace, Francesco; Corsaro, Carmelo; Vasi, Cirino S.; Vasi, Sebastiano; Mallamace, Domenico; Chen, Sowh
subjectDiverging processessubjectDynamic crossover
subjectFragile to strong transitions
subjectGlass forming materials
subjectSoft-matter

Journal of non-crystalline solids 407 (2015): 355–360.

<https://dx.doi.org/10.1016/j.jnoncrysol.2014.08.010>

4)-Analogy between homogeneous and heterogeneous catalysis by subnanometer metal clusters: Ethylene oxidation on Ag trimers supported on MgO(1 0 0)

Sementa L.; Barcaro G.; Alessandro Fortunelli A.

Inorganica Chimica Acta (Testo stamp.) (2015).

<https://dx.doi.org/10.1016/j.ica.2014.10.022>

5)-Virial coefficients and demixing in the Asakura-Oosawa model.

Lopez de Haro, Mariano; Tejero, Carlos F; Santos, Andres; Yuste, Santos B; Fiumara, Giacomo; Saija, Franz

THE JOURNAL OF CHEMICAL PHYSICS 142 (2015): 014902.

<https://dx.doi.org/10.1063/1.4904891>

6)-Ab initio free-energy landscape of Miller-like prebiotic reactions

Saitta, Antonino Marco; Saija, Franz; Pietrucci, Fabio; Guyot, Francois

Proceedings of the National Academy of Sciences of the United States of America 112 (2015): E343–E344.

<https://dx.doi.org/10.1073/pnas.1421035112>

7)-Liquid methanol under a static electric field.

Cassone, Giuseppe; Giaquinta, Paolo V; Saija, Franz; Saitta, A Marco
THE JOURNAL OF CHEMICAL PHYSICS 142 (2015): 054502.
<https://dx.doi.org/10.1063/1.4907010>

8)-Hierarchical Effect behind the Supramolecular Chirality of Silver(I)-Cysteine Coordination Polymers

R. Randazzo; A. Di Mauro; A. D'Urso; G. C. Messina; G. Compagnini; V. Villari; N. Micali; R. Purrello; M. E. Fragalà
subjectsupramolecular chirality
The journal of physical chemistry. B 119 (2015): 4898–4904.
<https://dx.doi.org/10.1021/acs.jpcc.5b00847>

9)-Hydrodynamic and Thermophoretic Effects on the Supramolecular Chirality of Pyrene-Derived Nanosheets

Micali, Norberto; Vybornyi, Mykhailo; Mineo, Placido; Khorev, Oleg; Haener, Robert; Villari, Valentinas
subjectchiralitysubjectcircular dichroismsubjectnanosheetssubjectpolymerssubjectpyrene
Chemistry (Weinh., Print) 21 (2015): 9505–9513.
<https://dx.doi.org/10.1002/chem.201500932>

10)-Self-assembly of amphiphilic anionic calix[4]arenes and encapsulation of poorly soluble naproxen and flurbiprofen

Barbera L.; Gattuso G.; Kohnke F.H.; Notti A.; Pappalardo S.; Parisi M.F.; Pisagatti I.; Patane S.; Micali N.; Villari V.
subjectSelf-assemblysubjectcalixarene
Organic & biomolecular chemistry 13 (2015): 6468–6473.
<https://dx.doi.org/10.1039/c5ob00703h>

11)-Photophysical Processes Occurring in a Zn-phthalocyanine in Ethanol Solution and on TiO₂ Nanostructures

Iagatti, Alessandro; Doria, Sandra; Marcelli, Agnese; Angelini, Nicola; Notarantonio, Sara; Paoletti, Anna Maria; Pennesi, Giovanna; Rossi, Gentilina; Zanotti, Gloria; Calogero, Giuseppe; Foggi, Paolo
subjectphotophysic propertiessubjectphthalocyanine
Journal of physical chemistry. C 119 (2015): 20256–20264.
<https://dx.doi.org/10.1021/acs.jpcc.5b04978>

12)-Understanding of the Viscoelastic Response of the Human Corneal Stroma Induced by Riboflavin/UV-A Cross-Linking at the Nano Level

Labate, Cristina; De Santo, Maria Penelope; Lombardo, Giuseppe; Lombardo, Marco
subjectVisco-elastic responsesubjectcornea cross-linkingsubjectafmsubjectmodel
PloS one 10 (2015): e0122868–1.
<https://dx.doi.org/10.1371/journal.pone.0122868>

13)-Corneal light backscattering after transepithelial corneal crosslinking using iontophoresis in donor human corneal tissue

Lombardo, Marco; Serrao, Sebastiano; Carbone, Giovanni; Lombardo, Giuseppe
subjectcornea cross-linkingsubjectback scatteringsubjectiontophoresissubjectmodel

Journal of cataract and refractive surgery 41 (2015): 635–643.

<https://dx.doi.org/10.1016/j.jcrs.2014.07.031>

14)-Interaction of ultraviolet light with the cornea: Clinical implications for corneal crosslinking

Lombardo, Marco; Pucci, Giuseppe; Barberi, Riccardo; Lombardo, Giuseppe
subjectuv lightsubjectcorneasubjectcorneal cross-linkingsubjectabsorption

Journal of cataract and refractive surgery 41 (2015): 446–459.

<https://dx.doi.org/10.1016/j.jcrs.2014.12.013>

15)-DSM1-DSM2 Transition Threshold in Turbulent Nematic Mixtures

Pucci, G.; Carbone, F.; Vena, C.; Lombardo, G.; Versace, C.; Barberi, R.
subjectbiaxial coherence lengthsubjectbiaxial ordersubjectDSM1-DSM2 transitionsubjectelectrohydrodynamic turbulencesubjectnematics

Molecular crystals and liquid crystals (Phila. Pa. : 2003) 614 (2015): 100–105.

<https://dx.doi.org/10.1080/15421406.2015.1050281>

16)-Multimodal Approach to Monitoring and Investigating Cone Structure and Function in an Inherited Macular Dystrophy

Ziccardi, Lucia; Giannini, Daniela; Giannini, Daniela; Lombardo, Giuseppe; Lombardo, Giuseppe; Serrao, Sebastiano; Dell'Omo, Roberto; Nicoletti, Annalisa; Bertelli, Matteo; Lombardo, Marco
subjectOccult macular dystrophysubjectadapative opticssubjectmultifocal electroretinogramsubjectcones

American journal of ophthalmology 160 (2015): 301–312.e6.

<https://dx.doi.org/10.1016/j.ajo.2015.04.024>

17)-Multiscale investigation of the depth-dependent mechanical anisotropy of the human corneal stroma

Labate, Cristina; Lombardo, Marco; De Santo, Maria P.; Dias, Janice; Ziebarth, Noel M.; Lombardo, Giuseppe; Lombardo, Giuseppe
subjectAnisotropysubjectAtomic force microscopysubjectElasticitysubjectMicroscopy

Investigative ophthalmology & visual science 56 (2015): 4053–4060.

<https://dx.doi.org/10.1167/iovs.15-16875>

18)-Translational label-free non linear imaging biomarkers to classify the human corneal microstructure

Lombardo, Marco; Merino, David; Loza-Alvarez, Pablo; Lombardo, Giuseppe
subjectPSHGsubjectcorneasubjectfibril order and orientationsubjectmodel

Biomedical optics express 6 (2015): 2803–2818.

<https://dx.doi.org/10.1364/BOE.6.002803>

19)-Status of the neutron imaging and diffraction instrument IMAT

Winfried Kockelmann; Genoveva Burca; Joe F. Kelleher; Saurabh Kabra; Shu-Yan Zhang; Nigel J. Rhodes; Erik M. Schooneveld; Jeff Sykora; Daniel E. Pooley; Jim B. Nightingale; Francesco Aliotta; Rosa C. Ponterio; Gabriele Salvato; Dario Tresoldi; Cirino Vasi; Jason B. McPhate; Anton S. Tremsin
subjectneutron imaging; neutron diffraction; instrument design; time-of-flight detectors

Physics procedia 69 (2015): 71–78.

<https://dx.doi.org/10.1016/j.phpro.2015.07.010>

20)-Some thermodynamical aspects of protein hydration water

Mallamace, Francesco; Mallamace, Francesco; Mallamace, Francesco; Corsaro, Carmelo; Corsaro, Carmelo; Mallamace, Domenico; Vasi, Sebastiano; Vasi, Cirino; Stanley, H. Eugene; Chen, Sow Hs
subjectAggregationssubjectprotein

The Journal of chemical physics 142 (2015).

<https://dx.doi.org/10.1063/1.4921897>

21)-Scaling of optical forces on Au-PEG core-shell nanoparticles

Spadaro D.; Iati M.A.; Donato M.G.; Gucciardi P.G.; Saija R.; Cherlakola A.R.; Scaramuzza S.; Amendola V.; Marago O.M.
subjectoptical trapping

RSC advances 5 (2015): 93139–93146.

<https://dx.doi.org/10.1039/c5ra20922f>

22)-High Sensitivity, High Selectivity SERS Detection of MnSOD Using Optical Nanoantennas Functionalized with Aptamers

Cottat M.; D'andrea C.; Yasukuni R.; Malashikhina N.; Grinyte R.; Lidgi-Guigui N.; Fazio B.; Sutton A.; Oudar O.; Charnaux N.; Pavlov V.; Toma A.; Di Fabrizio E.; Gucciardi P.G.; Lamy De La Chapelle M.
subjectbiosensors

Journal of physical chemistry. C 119 (2015): 15532–15540.

<https://dx.doi.org/10.1021/acs.jpcc.5b03681>

23)-Optical trapping of silver nanoplatelets

Messina E.; Donato M.G.; Zimbone M.; Saija R.; Iati M.A.; Calcagno L.; Fragala M.E.; Compagnini G.; D'Andrea C.; Foti A.; Gucciardi P.G.; Marago O.M.
subjectoptica trapping

Optics express 23 (2015): 8720–8730.

<https://dx.doi.org/10.1364/OE.23.008720>

24)-Growth rate induced high efficient light trapping/photon conversion ZnO:Nd³⁺ nanodisk shaped thin films deposited by AACVD process

Elleuch, R.; Salhi, R.; Deschanvres, J. -L.; Gucciardi, P. G.; Maalej, R.subjectNd doped ZnO thin filmssubjectAACVD processsubjectLight trappingsubjectDownconversionsubjectEQE measurements

Journal of alloys and compounds 651 (2015): 756–763.

<https://dx.doi.org/10.1016/j.jallcom.2015.08.157>

25)-Optical tweezers: a non-destructive tool for soft and biomaterial investigations

Magazzu A.; Spadaro D.; Donato M.G.; Sayed R.; Messina E.; D'Andrea C.; Foti A.; Fazio B.; Iati M.A.; Irrera A.; Saija R.; Gucciardi P.G.; Marago O.M.subjectBiosensorssubjectNanospectroscopysubjectOptical trappingsubjectOptofluidics

Rendiconti lincci. Scienze fisiche e naturali 26 (2015): 203–218.

<https://dx.doi.org/10.1007/s12210-015-0395-4>

26)-Ultraviolet A - visible spectral absorbance of the human cornea after transepithelial soaking with dextran-enriched and dextran-free riboflavin 0.1% ophthalmic solutions

M. Lombardo; N. Micali; V. VILLARI; S. Serrao; G. Pucci; R. Barberi; G. LombardosubjectAbsorbancesubjectRiboflavinsubjecthuman cornea

Journal of cataract and refractive surgery 41 (2015): 2283–2290.

<https://dx.doi.org/10.1016/j.jcrs.2015.11.007>

27)-The role of water in protein's behavior: The two dynamical crossovers studied by NMR and FTIR techniques

Mallamace, Francesco; Corsaro, Carmelo; Mallamace, Domenico; Vasi, Sebastiano; Vasi, Cirino; Dugo, Giacomo subjectProtein dynamic transitions subjectAmide bending modes subjectLysozyme unfolding subjectHydration watersubjectHR-MAS

Computational and Structural Biotechnology Journal 13 (2015): 33–37.

<https://dx.doi.org/10.1016/j.csbj.2014.11.007>

28)-Monitoring the intramolecular charge transfer process in the Z907 solar cell sensitizer: a transient Vis and IR spectroscopy and ab initio investigation

Azzaroli, Nicolò; Lobello, Maria Grazia; Lapini, Andrea; Iagatti, Alessandro; Bussotti, Laura; Di Donato, Mariangela; Calogero, Giuseppe; Pastore, Mariachiara; De Angelis, Filippo; Foggi, Paolo subject solar cell sensitizer

PCCP. Physical chemistry chemical physics (Print) 17 (2015): 21594–21604.

<https://dx.doi.org/10.1039/c5cp03314d>

29)-Step-by-step guide to the realization of advanced optical tweezers

Pesce, Giuseppe; Volpe, Giorgio; Marago, Onofrio M.; Jones, Philip H.; Gigan, Sylvain; Sasso, Antonio; Volpe, Giovanni subject optical tweezers

Journal of the Optical Society of America. B, Optical physics 32 (2015): B84–B98.

<https://dx.doi.org/10.1364/JOSAB.32.000B84>

30)-Superior plasmon absorption in iron-doped gold nanoparticles

Amendola, Vincenzo; Saija, Rosalba; Marago, Onofrio M.; Iati, Maria Antoniasubjectplasmonica

Nanoscale (Print) 7 (2015): 8782–8792.

<https://dx.doi.org/10.1039/c5nr00823a>

31)-Water and lysozyme: Some results from the bending and stretching vibrational modes

Mallamace, Francesco; Corsaro, Carmelo; Mallamace, Domenico; Vasi, Cirino; Cicero, Nicola; Stanley, H. Eugenesubjecthydration watersubjectinfrared spectroscopysubjectprotein unfolding

Frontiers of Physics in China (Print) 10 (2015): 106105-1–106105-8.

<https://dx.doi.org/10.1007/s11467-015-0488-7>

32)-The fragile-to-strong dynamical crossover and the system viscoelasticity in attractive glass forming colloids

Mallamace, F.; Corsaro, C.; Mallamace, D.; Chen, S. H.subjectAdhesive hard-spheresubjectDynamical arrestsubjectDynamical crossover

Colloid and polymer science (Print) 293 (2015): 3337–3349.

<https://dx.doi.org/10.1007/s00396-015-3713-6>

33)-The Boson peak in confined water: An experimental investigation of the liquid-liquid phase transition hypothesis

Mallamace, Francesco; Corsaro, Carmelo; Mallamace, Domenico; Wang, Zhe; Chen, Sow Hsinsubjectinelastic neutron scatteringsubjectliquid-liquid phase transition (LLPT)subjectsupercooled water

Frontiers of Physics in China (Print) 10 (2015).

<https://dx.doi.org/10.1007/s11467-015-0487-8>

34)-Dynamical changes in hydration water accompanying lysozyme thermal denaturation

Mallamace, Francesco; Corsaro, Carmelo; Mallamace, Domenico; Cicero, Nicola; Vasi, Sebastiano; Dugo, Giacomo; Stanley, H. Eugenesubjectcorrelation timesubjecthydration watersubjectlysozyme unfoldingsubjectNMRsubjectsolvent dynamics

Frontiers of Physics in China (Print) 10 (2015).

<https://dx.doi.org/10.1007/s11467-015-0486-9>

35)-¹H HR-MAS NMR Spectroscopy and the Metabolite Determination of Typical Foods in Mediterranean Diet

Corsaro, Carmelo; Mallamace, Domenico; Vasi, Sebastiano; Ferrantelli, Vincenzo; Dugo, Giacomo; Cicero, NicolasubjectHR-MASsubjectMediterranean DietsubjectMetabolomic

Journal of Analytical Methods in Chemistry 2015 (2015).

<https://dx.doi.org/10.1155/2015/175696>

36)-Vegetable-based dye-sensitized solar cells

Calogero Giuseppe; Bartolotta Antonino; Di Marco Gaetano; Di Carlo, Aldo; Bonaccorso, Francesco
subjectDye sensitized solar cells
Chemical Society reviews (Print) 44 (2015): 3244–3294.
<https://dx.doi.org/10.1039/c4cs00309h>

37)-Vegetable-based dye-sensitized solar cells

Giuseppe Calogero; Antonino Bartolotta; Gaetano Di Marco; Aldo Di Carlo; Francesco Bonaccorso
subjectDye Sensitized Solar cells
subjectnanostructured material
subjectvegetable sensitizers
subjectartificial sensitizers
Chemical Society reviews (Print) 44 (2015): 3244–3294.
<https://dx.doi.org/10.1039/c4cs00309h>

38)-Focus issue introduction: optical cooling and trapping

Neves, Antonio A. R.; Jones, Philip H.; Luo, Le; Marago, Onofrio M.
subjectOptical cooling and trapping
Optics express 23 (2015): 9917–9923.
<https://dx.doi.org/10.1364/OE.23.009917>

39)-Red shifted spectral dependence of the SERS enhancement in a random array of gold nanoparticles covered with a silica shell: Extinction versus scattering

D'Andrea C.; Irrera A.; Fazio B.; Foti A.; Messina E.; Marago O.M.; Kessentini S.; Artoni P.; David C.; Gucciardi P.G.
subjectenhancement effects
subjectplasmon resonances
subjectscatterings
subjectSERS
Journal of optics (Print) 17 (2015).
<https://dx.doi.org/10.1088/2040-8978/17/11/114016>

40)-Reactive silicon infiltration of carbon bonded preforms embedded in powder field modifiers heated by microwaves

Bianchi, Giovanni; Vavassori, Paolo; Vila, Brais; Annino, Giuseppe; Nagliati, Marco; Mallah, Marcel; Gianella, Sandro; Valle, Massimiliano; Orlandi, Marco; Ortona, Alberto
subjectReactive silicon infiltrations
subjectMicrowave heating
subjectSi-SiC ceramic
subjectCeramic matrix composites
subjectCeramic foams
Ceramics international 41 (2015): 12439–12446.
<https://dx.doi.org/10.1016/j.ceramint.2015.06.087>

41)-Nanostructured anatase TiO₂ densified at high pressure as advanced visible light photocatalysts

Carini, Giovanni, Jr.; Parrino, Francesco; Palmisano, Giovanni; Scandura, Gabriele; Citro, Ilaria; Calogero, Giuseppe; Bartolotta, Antonino; Di Marco, Gaetano
subjectPhotocatalysis
Photochemical & photobiological sciences (Print) 14 (2015): 1685–1693.
<https://dx.doi.org/10.1039/c5pp00149h>

42)-Vegetable-based dye-sensitized solar cells

Giuseppe Calogero; Antonino Bartolotta; Gaetano Di Marco; Aldo Di Carlo; Francesco BonaccorsosubjectDye Sensitized Sola cellsubjectvegetable dye
Chemical Society reviews (Online) 44 (2015): 3244–3294.

<https://dx.doi.org/10.1039/c4cs00309h>

43)-Metal nanoparticles deposited on porous silicon templates as novel substrates for SERS

Mikac, Lara; Mikac, Lara; Ivanda, Mile; Ivanda, Mile; Goti?, Marijan; Goti?, Marijan; Maksimovi?, Aleksandar; Maksimovi?, Aleksandar; Trusso, Sebastiano; D'Andrea, Cristiano; D'Andrea, Cristiano; Foti, Antonino; Irrera, Alessia; Fazio, Barbara; Gucciardi, Pietro Giuseppe; Gucciardi, Pietro Giuseppe; Gucciardi, Pietro Giuseppe
subjectLaser ablationsubjectMacroporous siliconsubjectSERSsubjectSubstrate
Croatica chemica acta 88 (2015): 437–444.

<https://dx.doi.org/10.5562/cca2769>

44)-Silicon nanowire and carbon nanotube hybrid for room temperature multiwavelength light source

Lo Faro, Maria Josè; Lo Faro, Maria Josè; Lo Faro, Maria Josè; D'Andrea, Cristiano; Messina, Elena; Fazio, Barbara; Musumeci, Paolo; Reitano, Riccardo; Franzò, Giorgia; Gucciardi, Pietro Giuseppe; Vasi, Cirino; Priolo, Francesco; Priolo, Francesco; Priolo, Francesco; Iacona, Fabio; Irrera, AlessiasubjectOPTICAL-PROPERTIES; NANOSTRUCTURES; DEPENDENCE; EMISSION; GROWTH

Scientific reports (Nature Publishing Group) 5 (2015).

<https://dx.doi.org/10.1038/srep16753>

45)-Spectroscopic and structural characterization of pure and FeCl₃-containing tri-n-butyl phosphate

Calandra, Pietro; de Caro, Tilde; Caschera, Daniela; Lombardo, Domenico; Todaro, Lorena; Liveri, Vincenzo TurcosubjectFeCl₃subjectTri-n-butyl phosphatesubjectSelf-assemblysubjectLocal structuresubjectAmphiphilic solvents
Colloid and polymer science (Print) 293 (2015): 597–603.

<https://dx.doi.org/10.1007/s00396-014-3439-x>

46)-Complexity for nanotechnology: Exploiting organization in the nanoworld

Pietro Calandra; Domenico Lombardo; Gabriella Di Carlo; Vincenzo Turco LiverisubjectEvolutive nanomaterials; Nanostructures; Complex systems; Synthesis; Self-assembly

ScienceJet 4 (2015).

<http://www.cnr.it/prodotto/i/341217>

info:cnr-pdr/source/autori:Pietro Calandra, Domenico Lombardo, Gabriella Di Carlo, Vincenzo Turco Liveri/titolo:Complexity for nanotechnology: Exploiting organization in the nanoworld/

47)-Anti-Arrhenian behaviour of conductivity in Octanoic acid/bis(2-ethylhexyl) amine systems: a physico-chemical study

Pietro Calandra; Vincenzo Turco Liveri; Angela Monia Ruggirello; Mariano Licciardi; Domenico Lombardo; Andrea Mandanicisubject.

Journal of materials chemistry c (2015).

<https://dx.doi.org/10.1039/c4tc02500h>

48)-Au nanoparticle-based sensor for apomorphine detection in plasma

Zanchi, Chiara; Lucotti, Andrea; Tommasini, Matteo; Trusso, Sebastiano; de Grazia, Ugo; Ciusani, Emilio; Ossi, Paolo M.subjectapomorphinesubjectAu NPsubjectnano-roughened filmssubjectpulsed laser depositionssubjectself-assembled filmssubjectSERS

Beilstein journal of nanotechnology 6 (2015): 2224–2232.

<https://dx.doi.org/10.3762/bjnano.6.228>

49)-Low-energy laser irradiation promotes cellular damage in glucocorticoid-resistant multiple myeloma cells

Allegra, Alessandro; Fazio, Enza; Franco, Domenico; Nicolo, Marco; Trusso, Sebastiano; Neri, Fortunato; Musolino, Caterina; Guglielmino, SalvatoresubjectRaman spectroscopy

Leukemia & lymphoma (Print) 56 (2015): 1514–1516.

<https://dx.doi.org/10.3109/10428194.2014.953151>

50)-Phage-AgNPs complex as SERS probe for U937 cell identification

Lentini, Germana; Fazio, Enza; Calabrese, Federica; De Plano, Laura M.; Puliafico, Maria; Franco, Domenico; Nicolo, Marco S.; Carnazza, Santina; Trusso, Sebastiano; Allegra, Alessandro; Neri, Fortunato; Musolino, Caterina; Guglielmino, Salvatore P. P.subjectSERSsubjectPhage displaysubjectU937 cellssubjectCell identificationsubjectMinimal residual disease

Biosensors & bioelectronics 74 (2015): 398–405.

<https://dx.doi.org/10.1016/j.bios.2015.05.073>

51)-Origin of excess low-energy vibrations in densified B2O3 glasses

Carini, Giovanni, Jr.; Carini, Giuseppe; D'Angelo, Giovanna; Gilioli, Edmondo; Vasi, Cirinosubjectspecific heatsubjectvibrational

propertyssubjectglasssubject78.30.Lysubject63.50.Lmsubject65.60.+a

Philosophical magazine (2003, Print) 95 (2015): 2596–2606.

<https://dx.doi.org/10.1080/14786435.2015.1067733>

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

1)-Chiral Optofuidics

R. J. Hernandez; A. Mazzulla; P. Pagliusi; C. Provenzano; M. G. Donato; O. Maragò; D. Kasyanyuk; Yu. Reznikov; G. Cipparrone
subjectoptical tweezers; chirality; nanoparticles; topological defects

PIERS Progress In Electromagnetics Research Symposium, pp. 86, Praga, 6-9 Luglio 2015

<http://www.piers.org/piers2015Prague/>

info:cnr-pdr/source/autori:R. J. Hernandez, A. Mazzulla, P. Pagliusi, C. Provenzano, M. G. Donato, O. Maragò, D. Kasyanyuk, Yu. Reznikov, and G. Cipparrone/congresso_nome:PIERS Progress In Electromagnetics Research Symposium/congresso_luogo:Praga/congresso_data:6-9 Luglio 2015/anno:2015/pagina_da:86/pagina_a:/intervallo_pagine:86

2)-Cellulose degradation revealed by NMR spectroscopy

Carmelo Corsaro (1); Mauro Missori (2); Domenico Mallamace (3); Sebastiano Vasi (4); Luciano Pietronero (5); Francesco Mallamace (4)
subjectcellulose degradationsubjectNMR spectroscopy

FisMat2015, Italian National Conference on Condensed Matter Physics, pp. 203, Palermo, 28/09-02/10, 2015

<http://eventi.cnism.it/fismat2015>

info:cnr-pdr/source/autori:Carmelo Corsaro (1); Mauro Missori (2); Domenico Mallamace (3); Sebastiano Vasi (4); Luciano Pietronero (5); Francesco Mallamace (4)/congresso_nome:FisMat2015, Italian National Conference on Condensed Matter Physics/congresso_luogo:Palermo/congresso_data:28/09-02/10, 2015/anno:2015/pagina_da:203/pagina_a:/intervallo_pagine:203

3)-Biosynthesis of Monodisperse Gold Nanoparticles by Rhodobacter sphaeroides

F. Italiano; A. Agostiano; B. D. Belviso; R. Caliandro; B. Carrozzini; R. Comparelli; M.T. Melillo; E. Mesto; G. Tempesta; M. Trotta
subjectNanobioremediation

Congresso annuale della Società Italiana di Fotobiologia, Bari, 11 - 13 Giugno

<http://www.cnr.it/prodotto/i/342237>

info:cnr-pdr/source/autori:F. Italiano, A. Agostiano, B. D. Belviso, R. Caliandro, B. Carrozzini, R. Comparelli, M.T. Melillo, E. Mesto, G. Tempesta, M. Trotta/congresso_nome:Congresso annuale della Società Italiana di Fotobiologia/congresso_luogo:Bari/congresso_data:11 - 13 Giugno/anno:2015/pagina_da:/pagina_a:/intervallo_pagine:

4)-Heavy metal ions effect on light-harvesting complexes of Rhodobacter sphaeroides studied by derivative spectroscopy

S. la Gatta; A. Antonucci; F. Milano; F. Italiano; M. Trotta
subjectPhotoBioremediation

Congresso annuale della Società Italiana di Fotobiologia, Bari, 11 - 13 Giugno

<http://www.cnr.it/prodotto/i/342241>

info:cnr-pdr/source/autori:S. la Gatta, A. Antonucci, F. Milano, F. Italiano, M. Trotta/congresso_nome:Congresso annuale della Società Italiana di Fotobiologia/congresso_luogo:Bari/congresso_data:11 - 13
Giugno/anno:2015/pagina_da:/pagina_a:/intervallo_pagine:

5)-Dye sensitized solar cells: biophotovoltaic from plants

Giuseppe Calogero; Ilaria Citro; Antonio Bartolotta; Giovanni Carini jr.; Gaetano Di Marco; Aldo Di Carlo; Francesco Bonaccorso/subject:Celle solaris/subject:coloranti naturali
HOPV15, Roma, 10-13 /5/2015

<http://www.cnr.it/prodotto/i/380741>

info:cnr-pdr/source/autori:Giuseppe Calogero, Ilaria Citro, Antonio Bartolotta, Giovanni Carini jr., Gaetano Di Marco, Aldo Di Carlo, Francesco Bonaccorso/congresso_nome:HOPV15/congresso_luogo:Roma/congresso_data:10-13 /5/2015/anno:2015/pagina_da:/pagina_a:/intervallo_pagine:

6)-Atomistic simulation of the nucleation stage of aggregation in non-polar solvents of amphiphilic cyclodextrins

Giuseppina Raffaini 1; Fabio Ganazzoli 1; Norberto Micali 2; Antonino Mazzaglia 3/subject:atomistic simulations/subject:aggregations/subject:amphiphilic cyclodextrin
4th European Conference on Cyclodextrins, pp. 69–69, Lille, France, October 6-9th, 2015.

<http://www.cnr.it/prodotto/i/356926>

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7)-Thin-Film Photovoltaics 2014

Di Marco, Gaetano; Calogero, Giuseppe; Di Carlo, Aldo; Lombardo, Salvatore; Palmisano, Leonardo; Isabella, Olindo/subject:Film sottili/subject:fotoenergia
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