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

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

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

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

Mallamace, Francesco; Corsaro, Carmelo; Vasi, Cirino S.; Vasi, Sebastiano; Mallamace, Domenico; Chen, SowhsinsubjectDiverging processessubjectDynamic crossoversubjectFragile to strong transitionsubjectGlass forming materialssubjectSoft-matter

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Nigro V.; Angelini R.; Bertoldo M.; Castelvetro V.; Ruocco G.; Ruzicka B.subjectColloidal dispersionssubjectDynamic light scatteringsubjectMicrogelssubjectRelaxation dynamics

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Andrea Crisanti; Luca LeuzzisubjectSecondary processsubjectGlasssubjectMode Coupling TheorysubjectSpin glasssubjectSpherical models

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Adriana Trapani; Delia Mandracchia; Cinzia Di Franco; Héctor Cordero; Patricia Morcillo; Roberto Comparelli; Alberto Cuesta; Maria Angeles EstebansubjectFish
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Claudio Maggi (1); Umberto Marini Bettolo Marconi (2); Nicoletta Gnan (3); Roberto Di Leonardo (1,4)subjectnon-equilibrium systemsubjectUnified Colored Noise
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Giovanni Canil; [a] Vera Rosar; [a] Silvia Dalla Marta; [b] Simona Bronco; [c] Francesco Fini; [d] Carla Carfagna; [e] Jrme Durand; *[f]; Barbara Milani*[a]subjectN ligandssubjectpalladiumsubjectpolyketonessubjectpolymerizationsubjectstereochemistry
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Valentina Nigro (1); Roberta Angelini (2); Monica Bertoldo (3); Fabio Bruni (1); Valter Castelvetro (4); Maria Antonietta Ricci (1); Sarah Rogers (5); Barbara Ruzicka (2)subjectMicrogelssubjectpolymer structuresubjectcolloidal systems
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M.C. Righetti; G.P. JoharisubjectAgingsubjectEnthalpy and entropy relaxationsubjectPolymeric Blends

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

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Padula, Daniele; Lahoz, Inmaculada R.; Diaz, Carlos; Hernandez, Florencio E.; Di Bari, Lorenzo; Rizzo, Antonio; Santoro, Fabrizio; Cid, M. Magdalenasubjectchiralitysubjectconformation analysissubjectcircular dichroismsubjectdensity functional calculationssubjectquantum chemistry

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Rambukwella, Milan; Sementa, Luca; Barcaro, Giovanni; Fortunelli, Alessandro; Dass, Amalasubjectab inition molecular dynamics simulations ; monolayer protected clusters

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Ma, Liying; Denk, Martin; Kuhness, David; Surnev, Svetlozar; Mankad, Venu; Barcaro, Giovanni; Fortunelli, Alessandro; Netzer, Falko P.subjectTwo-dimensional oxidesubjectCu-tungstatesubjectTungsten trioxidesubjectOxide clustersubjectScanning tunneling microscopysubjectDensity functional theory

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Nimmala, Praneeth Reddy; Theivendran, Shevanuja; Barcaro, Giovanni; Sementa, Luca; Kumara, Chanaka; Jupally, Vijay Reddy; Apra, Edoardo; Stener, Mauro; Fortunelli, Alessandro; Dass, AmalasubjectAb initio molecular dynamics simulations ; monolayer-protected clusters

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Fortunelli, Alessandro; Goddard, William A., III; Sementa, Luca; Barcaro, Giovannisubjectoxygen reduction reaction : electrocatalysis ; hydrogen fuel cells ; water splitting

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Sementa, L.; Barcaro, G.; Dass, A.; Stener, M.; Fortunelli, A.subjectoptical response ; monolayer-protected clusters

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Viola Folli (1,2,3); Giancarlo Ruocco (1,3); Claudio Conti (1,4)subjectnanophotonics and plasmonicssubjectlaser propulsionsubjectnanobulletssubjectsurface plasmon polaritons

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

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Luca Schio a; Cui Li bc; Susanna Monti db; Peter Salén e; Vasyl Yatsyna f; Raimund Feifel f; Michele Alagia g; Robert Richter h; Stefano Falcinelli i; Stefano Stranges jg; Vitali Zhaunerchyk *f; Vincenzo Carravetta csubjectNEXAFS XPS nitrosyl chloride theory experiment computational spectroscopy

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Mallamace, Francesco; Corsaro, Carmelo; Mallamace, Domenico; Vasi, Sebastiano; Vasi, Cirino; Dugo, GiacomosubjectProtein dynamic transitionsubjectAmide bending modesubjectLysozyme unfoldingsubjectHydration watersubjectHR-MAS

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

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86)-Noi non siamo rane

Massimo Trottasubjectproteine

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http://www.cnr.it/prodotto/i/336563

info:cnr-pdr/source/autori:Massimo Trotta/titolo:Noi non siamo rane/

87)-Proteina da Volpedo

Massimo Trottasubjectproteine

Sapere (Bari) 81 (2015): 47.

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info:cnr-pdr/source/autori:Massimo Trotta/titolo:Proteina da Volpedo/

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Pesce, Giuseppe; Volpe, Giorgio; Marago, Onofrio M.; Jones, Philip H.; Gigan, Sylvain; Sasso, Antonio; Volpe, Giovannisubjectoptical tweezers
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Amendola, Vincenzo; Saija, Rosalba; Marago, Onofrio M.; Iati, Maria Antoniasubjectplasmonica
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Mallamace, Francesco; Corsaro, Carmelo; Mallamace, Domenico; Vasi, Cirino; Cicero, Nicola; Stanley, H. Eugenesubjecthydration watersubjectinfrared spectroscopysubjectprotein unfolding
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91)-Rhodium-Catalyzed Hydroformylation of Ketal-Masked beta-Isophorone: Computational Explanation for the Unexpected Reaction Evolution of the Tertiary Rh-Alkyl via an Exocyclic beta-Elimination Derivative
Alagona, Giuliano; Ghio, CaterinasubjectDensity functional calculations -B3P86/6-31G* - CEP/LanL2DZ - Deuterioformylation - NBO - BHEsubjectRh-catalyzed hydroformylation
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92)-Effect of Iron Oxide Nanocrystal Content on the Morphology and Magnetic Properties of Polystyrene-block-poly(methyl methacrylate) Diblock Copolymer Based Nanocomposites
Cano, Laida; Di Mauro, A. Evelyn; Petronella, Francesca; Fanizza, Elisabetta; Striccoli, Marinella; Curri, M. Lucia; Tercjak, AgnieszkasubjectIron Oxides
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93)-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
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94)-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

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95)-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

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

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97)-Vegetable-based dye-sensitized solar cells

Calogero Giuseppe; Bartolotta Antonino; Di Marco Gaetano; Di Carlo, Aldo; Bonaccorso, FrancescosubjectDye sensitized slar cells

Chemical Society reviews (Print) 44 (2015): 3244–3294.

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

98)-Vegetable-based dye-sensitized solar cells

Giuseppe Calogero; Antonino Bartolotta; Gaetano Di Marco; Aldo Di Carlo; Francesco BonaccorsosubjectDye Sensitized Solar cellsubjectnanostructured materialssubjectvegetable sensitizerssubjectartificial sensitizers

Chemical Society reviews (Print) 44 (2015): 3244–3294.

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99)-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.

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100)-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 effectsubjectplasmon resonancesubjectscatteringsubjectSERS

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Operamolla, Alessandra; Ragni, Roberta; Milano, Francesco; Roberto Tangorra, R.; Antonucci, Alessandra; Agostiano, Angela; Agostiano, Angela; Trotta, Massimo; Farinola, Gianlucasubjectnot available

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102)-Rose Bengal-photosensitized oxidation of 4-thiothymidine in aqueous medium: evidence for the reaction of the nucleoside with singlet state oxygen

Rizzi, Vito; Losito, Ilario; Ventrella, Andrea; Fini, Paola; Fraix, Aurore; Sortino, Salvatore; Agostiano, Angela; Longobardi, Francesco; Cosma, PinalysasubjectRose -bengale-Photodynamic therapy

PCCP. Physical chemistry chemical physics (Print) 17 (2015): 26307–26319.

https://dx.doi.org/10.1039/c5cp03615a

103)-First-principles study of trimethylamine adsorption on anatase TiO2 nanorod surfaces

Triggiani, Leonardo; Munoz-Garcia, Ana Belen; Agostiano, Angela; Pavone, MichelesubjectAnatasesubjectTitanium dioxidesubjectTrimethylaminesubjectDFTsubjectDispersion correctionsubjectMolecular adsorption

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https://dx.doi.org/10.1007/s00214-015-1721-8

104)-The effect of in-amphorae aging on oenological parameters, phenolic profile and volatile composition of Minutolo white wine

Baiano, Antonietta; Mentana, Annalisa; Quinto, Maurizio; Centonze, Diego; Longobardi, Francesco; Ventrella, Andrea; Agostiano, Angela; Varva, Gabriella; De Gianni, Antonio; Terracone, Carmela; Del Nobile, Matteo AlessandrosubjectAntioxidantsubjectContainersubjectNMRsubjectPhenolicsubjectVolatile

Food research international 74 (2015): 294–305.

https://dx.doi.org/10.1016/j.foodres.2015.04.036

105)-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, AlbertosubjectReactive silicon infiltrationsubjectMicrowave heatingsubjectSi-SiC ceramicssubjectCeramic matrix compositessubjectCeramic foams
Ceramics international 41 (2015): 12439–12446.
https://dx.doi.org/10.1016/j.ceramint.2015.06.087

106)-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, GaetanosubjectPhotocatalysis
Photochemical & photobiological sciences (Print) 14 (2015): 1685–1693.
https://dx.doi.org/10.1039/c5pp00149h

107)-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

108)-Transforming anatase TiO<inf>2</inf> nanorods into ultrafine nanoparticles for advanced electrochemical performance

Bresser, Dominic; Bresser, Dominic; Bresser, Dominic; Kim, Guk Tae; Kim, Guk Tae; Kim, Guk Tae; Binetti, Enrico; Binetti, Enrico; Striccoli, Marinella; Comparelli, Roberto; Seidel, Stefan; Seidel, Stefan; Ozkaya, Dogan; Copley, Mark; Bishop, Peter; Paillard, Elie; Paillard, Elie; Paillard, Elie; Passerini, Stefano; Passerini, Stefano; Passerini, StefanosubjectAnatase TiO<inf>2</inf>subjectCMCsubjectFragmentationsubjectLithium-ion anodesubjectNanoparticlessubjectNanorods
Journal of power sources (Print) 294 (2015): 406–413.
https://dx.doi.org/10.1016/j.jpowsour.2015.06.089

109)-Tuning light emission of PbS nanocrystals from infrared to visible range by cation exchange

Enrico Binetti and Marinella Striccoli and Teresa Sibillano and Cinzia Giannini and Rosaria Brescia and Andrea Falqui and Roberto Comparelli and Michela Corricelli and Raffaele Tommasi and Angela Agostiano and M Lucia Currisubjectcolloidal nanocrystalssubjectcation exchangesubjectPbSsubjectluminescent materials
Science and technology of advanced materials 16 (2015).
http://stacks.iop.org/1468-6996/16/i=5/a=055007

info:cnr-pdr/source/autori:Enrico Binetti and Marinella Striccoli and Teresa Sibillano and Cinzia Giannini and Rosaria Brescia and Andrea Falqui and Roberto Comparelli and Michela Corricelli and Raffaele Tommasi and Angela Agostiano and M Lucia Curri/titolo:Tuning light emission of PbS nanocrystals from infrared to visible range by cation exchange/

110)-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 GiuseppesubjectLaser ablationsubjectMacroporous siliconsubjectSERSsubjectSubstrate

Croatica chemica acta 88 (2015): 437–444.

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

111)-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).

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112)-Two-Photon Lithography of 3D Nanocomposite Piezoelectric Scaffolds for Cell Stimulation.

Marino, Attilio; Barsotti, Jonathan; de Vito, Giuseppe; Filippeschi, Carlo; Mazzolai, Barbara; Piazza, Vincenzo; Labardi, Massimiliano; Mattoli, Virgilio; Ciofani, Giannisubjecttwo-photon lithographysubjectbarium titanate nanoparticlessubjectdirect laser writingsubjectpiezoelectric stimulationsubjectbone tissue engineering

ACS applied materials & interfaces (Print) 7 (2015): 25574–9.

https://dx.doi.org/10.1021/acsami.5b08764

113)-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-assemblingsubjectLocal structuressubjectAmphiphilic solvents

Colloid and polymer science (Print) 293 (2015): 597–603.

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

114)-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).

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

115)-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

116)-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 NPssubjectnano-roughened filmssubjectpulsed laser depositionsubjectself-assembled filmssubjectSERS

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

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117)-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

118)-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

119)-The Irreversible Tetragonal to Trigonal Transformation in Random Butene-1/Ethylene Copolymers

Di Lorenzo, Maria Laura; Androsch, Rene; Righetti, Maria CristinasubjectRIGID AMORPHOUS FRACTIONsubjectPOLYMORPHIC TRANSFORMATIONsubjectISOTACTIC POLYBUTENE-1subjectPOLY(ETHYLENE-TEREPHTHALATE)subjectCRYSTALLIZATION BEHAVIOR

AIP conference proceedings 1695 (2015).

https://dx.doi.org/10.1063/1.4937318

120)-Assembly of a photosynthetic reaction center with ABA tri-block polymersomes: Highlights on protein localization

Tangorra, R. R.; Operamolla, A.; Milano, F.; Omar, O. Hassan; Henrard, J.; Comparelli, R.; Italiano, F.; Agostiano, A.; Agostiano, A.; De Leo, V.; Marotta, R.; Falqui, A.; Farinola, G. M.; Farinola, G. M.; Trotta, M.subjectna

Photochemical & photobiological sciences (Print) 14 (2015): 1844–1852.

https://dx.doi.org/10.1039/c5pp00189g

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

Carini, Giovanni, Jr.; Carini, Giuseppe; D'Angelo, Giovanna; Gilioli, Edmondo; Vasi, Cirinosubjectspecific heatsubjectvibrational propertiessubjectglasssubject78.30.Lysubject63.50.Lmsubject65.60.+a

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

1)-Intervista su Corriere del Mezzogiorno - Bari

Massimo Trotta (CNR)Pasquale Pellegrino (CdM)

2015

http://www.cnr.it/prodotto/i/314991

2)-Synthesis and Surface Engineering of Plasmonic Nanoparticles

Roberto Comparelli; Tiziana Placido; Nicoletta Depalo; Elisabetta Fanizza; Marinella Striccoli; M. Lucia Curri

Active Plasmonic Nanoparticles, edited by Luciano De Sio, pp. 33–99. Singapore: Pan Stanford Publishing, 2015

http://www.panstanford.com/books/9789814613002.html

info:cnr-pdr/source/autori:Roberto Comparelli, Tiziana Placido, Nicoletta Depalo, Elisabetta Fanizza, Marinella Striccoli, M. Lucia Curri/titolo:Synthesis and Surface Engineering of Plasmonic Nanoparticles/titolo_volume:Active Plasmonic Nanoparticles/curatori_volume:Luciano De Sio/editore:

/anno:2015

3)-Gold Nanorods: Plasmonic Photoheating

Luciano De Sio; Tiziana Placido; Roberto Comparelli; M. Lucia Curri; Nelson Tabirian; Timothy Bunning

Dekker Encyclopedia of Nanoscience and Nanotechnology, Third Edition, 2015

https://dx.doi.org/10.1081/E-ENN3-120053585

info:cnr-pdr/source/autori:Luciano De Sio, Tiziana Placido, Roberto Comparelli, M. Lucia Curri, Nelson Tabirian, Timothy Bunning/titolo:Gold Nanorods: Plasmonic Photoheating/titolo_volume:Dekker Encyclopedia of Nanoscience and Nanotechnology, Third Edition/curatori_volume:/editore:/anno:2015

4)-Photoactive film by covalent immobilization of a bacterial photosynthetic protein on reduced graphene oxide surface

Rocco Roberto Tangorra; Alessandra Antonucci; Francesco Milano; Alessandra Operamolla; Francesca Italiano; Roberta Ragni; Omar Hassan Omar; Patrizio Salice; Simone Silvestrini; Enzo Menna; Michele Maggini; Angela Agostiano; Massimo Trotta; Gianluca M. FarinolasubjectPhotosynthetsissubjectgraphenesubjectBiohybrid organic-biological systems

Symposium A - Organic Bioelectronics - 2014 MRS Fall Meeting, edited by M.R. Abidian , C. Bettinger , R. Owens and D.T. Simon, 2015
https://dx.doi.org/10.1557/opl.2015.18

info:cnr-pdr/source/autori:Rocco Roberto Tangorra, Alessandra Antonucci, Francesco Milano, Alessandra Operamolla, Francesca Italiano, Roberta Ragni, Omar Hassan Omar, Patrizio Salice, Simone Silvestrini, Enzo Menna, Michele Maggini, Angela Agostiano, Massimo Trotta and Gianluca M. Farinola/titolo:Photoactive film by covalent immobilization of a bacterial photosynthetic protein on reduced graphene oxide surface/titolo_volume:Symposium A - Organic Bioelectronics - 2014 MRS Fall Meeting/curatori_volume:M.R. Abidian , C. Bettinger , R. Owens and D.T. Simon/editore:/anno:2015

5)-Self-assembled nanoparticle aggregates: Organizing disorder for high performance surface-enhanced spectroscopy

C. Fasolato (1,2); F. Domenici (1,3); F. Brasili (1); F. Mura (4,5); S. Sennato (1,6); L. De Angelis (1,7); E. Mazzi (1); F. Bordi (1,8); P. Postorino (1)subjectSurface enhanced Raman scatteringsubjectSelf assemblysubjectAtomic force microscopysubjectSurface plasmonssubjectElectron spectroscopy

NANOFORUM 2014, pp. 020012, Rome, Italy, 22-25 September 2014
https://dx.doi.org/10.1063/1.4922568

info:cnr-pdr/source/autori:C. Fasolato (1,2); F. Domenici (1,3); F. Brasili (1); F. Mura (4,5); S. Sennato (1,6); L. De Angelis (1,7); E. Mazzi (1); F. Bordi (1,8); P. Postorino (1)/congresso_nome:NANOFORUM 2014/congresso_luogo:Rome, Italy/congresso_data:22-25 September 2014/anno:2015/pagina_da:020012/pagina_a:/intervallo_pagine:020012

6)-Chiral Optofuidics

R. J. Hernandez; A. Mazzulla; P. Pagliusi; C. Provenzano; M. G. Donato; O. Maragò; D. Kasyanyuk; Yu. Reznikov; G. Cipparronesubjectoptical 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

7)-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

8)-Irreversibly Adsorbed Layer in Supported Ultrathin Polymer Film Investigated by Local Dielectric Spectroscopy

Nguyen, H.K.; Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.subjectadsorptionsubjectinterfacesubjectrelaxation dynamicssubjectinterfacial energysubjectultrathin filmsubjectdensity

Non-equilibrium Phenomena in Confined Soft Matter, 2015

urn:isbn:978-3-319-21948-6

info:cnr-pdr/source/autori:Nguyen, H.K.; Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M./titolo:Irreversibly Adsorbed Layer in Supported Ultrathin Polymer Film Investigated by Local Dielectric Spectroscopy/titolo_volume:Non-equilibrium Phenomena in Confined Soft Matter/curatori_volume:/editore:/anno:2015

9)-Investigation of polymer dynamics in PVB-ATO nanocomposites by NMR relaxometry and dielectric relaxation spectroscopy

Silvia Pizzanelli; Claudia Forte; Simona Bronco; Chiara Serraglini; Tommaso Guazzini; Massimiliano Labardi; Lucia CaluccisubjectNanocompositessubjectpolymerssubjectglass transitionsubjectnmrsubjectdielectric spectroscopy

Fast Field Cycling 2015, Aberdeen, 27-30 Luglio 2015

http://www.cnr.it/prodotto/i/338338

info:cnr-pdr/source/autori:Silvia Pizzanelli, Claudia Forte, Simona Bronco, Chiara Serraglini, Tommaso Guazzini, Massimiliano Labardi, Lucia Calucci/congresso_nome:Fast Field Cycling 2015/congresso_luogo:Aberdeen/congresso_data:27-30 Luglio 2015/anno:2015/pagina_da:/pagina_a:/intervallo_pagine:

10)-Polymer dynamics in nanocomposites by NMR relaxometry and dielectric relaxation spectroscopy

Silvia Pizzanelli; Lucia Calucci; Claudia Forte; Simona Bronco; Chiara Serraglini; Tommaso Guazzini; Massimiliano LabardisubjectNMRsubjectnanocompositessubjectrelaxometrysubjectdielectric spectroscopy

Multiscale phenomena in molecular matter, Cracovia, 6-10 Luglio 2015

http://www.cnr.it/prodotto/i/338304

info:cnr-pdr/source/autori:Silvia Pizzanelli, Lucia Calucci, Claudia Forte, Simona Bronco, Chiara Serraglini, Tommaso Guazzini, Massimiliano Labardi/congresso_nome:Multiscale

phenomena in molecular matter/congresso_luogo:Cracovia/congresso_data:6-10 Luglio 2015/anno:2015/pagina_da:/pagina_a:/intervallo_pagine:

11)-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. TrottasubjectNanobioremediation

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:

12)-MALDI-ToF/ToF mass spectrometry analysis of intact bacteriochlorophylls by using diaminonaphthalene as electron-transfer secondary reaction matrix

Calvano CD; Trotta M; Italiano F; Ventura G; Cataldi TRI; Palmisano FsubjectBacteriochlorophyll

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

http://www.cnr.it/prodotto/i/342239

info:cnr-pdr/source/autori:Calvano CD, Trotta M, Italiano F, Ventura G, Cataldi TRI, Palmisano F/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:

13)-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. TrottasubjectPhotoBioremediation

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:

14)-Tomato plant response under atmospheric particulate matter stress

Daresta B.E; Italiano F.; de Gennaro G.; Trotta M.; Tutino M.; Veronico P.subjectTomatosubjectatmospheric particulate mattersubjectoxidative stress

Congresso Annuale della Società Italiana di Fotobiologia, Bari, Italy, 11-13/06/2015

http://www.cnr.it/prodotto/i/338082

info:cnr-pdr/source/autori:Daresta B.E, Italiano F., de Gennaro G., Trotta M., Tutino M., Veronico P./congresso_nome:Congresso Annuale della Società Italiana di Fotobiologia/congresso_luogo:Bari, Italy/congresso_data:11-13/06/2015/anno:2015/pagina_da:/pagina_a:/intervallo_pagine:

15)-Unravelling Cobalt Binding to Photosynthetic Bacterium by X-ray Absorption Spectroscopy

B. D. Belviso (a); F. Italiano (b); R. Caliandro (a); B. Carrozzini (a); A. Costanza (c); M. Trotta (b)subjectCobalt coordinationsubjectMembranesubjectSulfolipidssubjectRhodobacter sphaeroidessubjectEXAFS

pp.6–7, 2015

http://www.cnr.it/prodotto/i/346726

16)-CCDC 993929: Experimental Crystal Structure Determination - X-ray Crystal structure

Dass, Amala; Theivendran, Shevanuja; Nimmala, Praneeth Reddy; Kumara, Chanaka; Jupally, Vijay Reddy; Fortunelli, Alessandro; Sementa, Luca; Barcaro, Giovanni; Zuo, Xiaobing; Noll, Bruce CsubjectCrystal structuresubjectExperimental 3D CoordinatessubjectCrystal SystemsubjectSpace GroupsubjectCell Parameters

2015

http://www.cnr.it/prodotto/i/370552

17)-COD ID: 4123543 - X-ray Crystal structure

Dass, Amala; Theivendran, Shevanuja; Nimmala, Praneeth Reddy; Kumara, Chanaka; Jupally, Vijay Reddy; Fortunelli, Alessandro; Sementa, Luca; Barcaro, Giovanni; Zuo, Xiaobing; Noll, Bruce CsubjectX-ray Crystal structure

2015

http://www.cnr.it/prodotto/i/370553

18)-Artificial photoconverters using genuine natural components

Rocco Roberto Tangorra; Francesco Milano; Omar Hassan Omar; Danilo Belviso; Rocco Caliandro; Francesca Italiano; Roberta Ragni; Alessandra Operamolla; Angela Agostiano; Gianluca M. Farinola; Massimo TrottasubjectARTIFICIAL PHOTOCONVERTERS; NATURAL COMPONENTS

Final conference of the COST Action COST Action TD1102 Photosynthetic proteins for biotechnological applications: biosensors and biochip, Roma, 7-9 Ottobre 2015

http://www.cnr.it/prodotto/i/339688

info:cnr-pdr/source/autori:Rocco Roberto Tangorra, Francesco Milano, Omar Hassan Omar, Danilo Belviso, Rocco Caliandro, Francesca Italiano, Roberta Ragni, Alessandra Operamolla, Angela Agostiano, Gianluca M. Farinola, Massimo Trotta/congresso_nome:Final conference of the COST Action COST Action TD1102 Photosynthetic proteins for biotechnological applications: biosensors and biochip/congresso_luogo:Roma/congresso_data:7-9 Ottobre 2015/anno:2015/pagina_da:/pagina_a:/intervallo_pagine:

19)-Dye sensitized solar cells: biophotovoltaic from plants

Giuseppe Calogero; Ilaria Citro; Antonio Bartolotta; Giovanni Carini jr.; Gaetano Di Marco; Aldo Di Carlo; Francesco BonaccorsosubjectCelle solarisubjectcoloranto 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:

20)-Melting behaviour and rigid amorphous fraction in semi-crystalline polymers

M. C. Righetti; M. L. Di LorenzosubjectPolymer meltingsubjectRigid amorphous fraction

Frontiers in Polymer Science, pp. 91, Riva del Garda, 20/05/2015, 22/05/2015

http://www.cnr.it/prodotto/i/388041

info:cnr-pdr/source/autori:M. C. Righetti, M. L. Di Lorenzo/congresso_nome:Frontiers in Polymer Science/congresso_luogo:Riva del Garda/congresso_data:20/05/2015, 22/05/2015/anno:2015/pagina_da:91/pagina_a:/intervallo_pagine:91

21)-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 3subjectatomistic simulationsubjectaggregationsubjectamphiphilic cyclodextrin

4th European Conference on Cyclodextrins, pp. 69–69, Lille, France, October 6-9th, 2015.

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

info:cnr-pdr/source/autori:Giuseppina Raffaini 1, Fabio Ganazzoli 1 , Norberto Micali 2, Antonino Mazzaglia 3/congresso_nome:4th European Conference on Cyclodextrins/congresso_luogo:Lille, France/congresso_data:October 6-9th, 2015./anno:2015/pagina_da:69/pagina_a:69/intervallo_pagine:69–69

22)-Thin-Film Photovoltaics 2014

Di Marco, Gaetano; Calogero, Giuseppe; Di Carlo, Aldo; Lombardo, Salvatore; Palmisano, Leonardo; Isabella, OlindosubjectFilm sottilisubjectfotoenergia

. New York: Hindawi Publishing Corporation, 2015

https://dx.doi.org/10.1155/2015/936458

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/anno:2015