

Peer-reviewed journal articles

1)-A comprehensive investigation of dye-chitosan blended films for green chemistry applications

Vito Rizzi; Alessandra Longo; Tiziana Placido; Paola Fini; Jennifer Gubitosa; Teresa Sibillano; Cinzia Giannini; Paola Semeraro; Esther Franco; Marcela Ferrandiz; Pinalysa Cosmasubjectadsorptionsubjectbiomaterialssubjectpolysaccharidessubjectseparation techniques
Journal of applied polymer science (Online) (2018).

<https://dx.doi.org/10.1002/APP.45945>

2)-Optical trapping and optical force positioning of two-dimensional materials

Donato M.G.; Messina E.; Foti A.; Smart T.J.; Jones P.H.; Iati M.A.; Saija R.; Gucciardi P.G.; Marago O.M.subjectoptical forcessubjectoptical tweezerssubjectlayered materialssubjectboron nitridesubjectmolibdenum sulfidesubjecttellurium sulfide

Nanoscale (Print) 10 (2018): 1245–1255.

<https://dx.doi.org/10.1039/c7nr06465a>

3)-Catalytic activity of silicon nanowires decorated with gold and copper nanoparticles deposited by pulsed laser ablation

Casiello M.; Picca R.A.; Fusco C.; D'Accolti L.; Leonardi A.A.; Lo Faro M.J.; Irrera A.; Trusso S.; Cotugno P.; Sportelli M.C.; Cioffi N.; Nacci A.subjectAu nanoparticles; Caryl-N coupling; Cu nanoparticles; Si nanowires; reduction of nitroarenes

Nanomaterials (Basel) 8 (2018): 78–96.

<https://dx.doi.org/10.3390/nano8020078>

4)-TiO₂@PEI-Grafted-MWCNTs Hybrids Nanocomposites Catalysts for CO₂ Photoreduction

Fusco, Caterina; Casiello, Michele; Catucci, Lucia; Comparelli, Roberto; Cotugno, Pietro; Falcicchio, Aurelia; Fracassi, Francesco; Margiotta, Valerio; Moliterni, Anna; Petronella, Francesca; D'Accolti, Lucia; Nacci, Angelo; Nacci, AngelosubjectArtificial photosynthesissubjectCapture and valorization of CO₂subjectMWCNTs hybrids nanocomposites

Materials (Basel) 11 (2018): 307–325.

<https://dx.doi.org/10.3390/ma11020307>

5)-Assessment of trans-scleral iontophoresis delivery of lutein to the human retina.

Lombardo, Marco; Villari, Valentina; Micali, Norberto; Roy, Pierre; Sousa, Sara H; Lombardo, Giuseppesubjectscleral iontophoresissubjectramansubjectluteina

Journal of biophotonics (Internet) 11 (2018).

<https://dx.doi.org/10.1002/jbio.201700095>

6)-Water-driven segmental cooperativity in polyvinyl butyral

Carini G.; Bartolotta A.; Carini G.; D'Angelo G.; Federico M.; Di Marco G.subjectPolyvinyl butyral Water sorption Mechanical and dielectric relaxations Activation entropy
European Polymer Journal 98 (2018): 172–176.
<https://dx.doi.org/10.1016/j.eurpolymj.2017.11.016>

7)-Hydrogen mean force and anharmonicity in polycrystalline and amorphous ice

Parmentier; A.; Andreani; C.; Romanelli; G.; Shephard; J. J.; Salzmann; C. G.; Senesi; R.subjectpotential of mean forcesubjectneutron Compton profilesubjectnuclear quantum effectssubjectpath integral representationsubjectanharmonicitysubjectINELASTIC NEUTRON-SCATTERINGsubjectINTEGRAL MOLECULAR-DYNAMICSsubjectKINETIC-ENERGYsubjectTRIPLE POINTsubjectCONDENSED MATTERsubjectLOW-TEMPERATUREsubjectWATERsubjectDENSITYsubjectSYSTEMSsubjectPHASE
FRONTIERS OF PHYSICS 13 (2018).
<https://dx.doi.org/10.1007/s11467-017-0724-4>

8)-Electrospun Conjugated Polymer/Fullerene Hybrid Fibers: Photoactive Blends, Conductivity through Tunneling-AFM, Light Scattering, and Perspective for Their Use in Bulk-Heterojunction Organic Solar Cells

Yang Z.; Moffa M.; Liu Y.; Li H.; Persano L.; Camposeo A.; Saija R.; Iati M.A.; Marago O.M.; Pisignano D.; Nam C.-Y.; Zussman E.; Rafailovich M.subjectFIELD-EFFECT TRANSISTORS; PHOTOVOLTAIC PROPERTIES; POLYMER NANOFIBERS; OPTICAL-PROPERTIES; EMITTING-DIODES; QUANTUM DOTS; THIN-FILMS; MORPHOLOGY; NANOWIRES; EFFICIENCY
Journal of physical chemistry. C. (Online) 122 (2018): 3058–3067.
<https://dx.doi.org/10.1021/acs.jpcc.7b11188>

9)-Iron and lithium-iron alkyl phosphates as nanostructured material for rechargeable batteries

Parola, Valeria La; Liveri, Vincenzo Turco; Todaro, Lorena; Lombardo, Domenico; Bauer, Elvira Maria; Dell'Era, Alessandro; Dell'Era, Alessandro; Longo, Alessandro; Longo, Alessandro; Caschera, Daniela; de Caro, Tilde; Toro, Roberta Grazia; Calandra, PietrosubjectHybrid materialssubjectLithium ion batteriessubjectTri n-butyl phosphates
Materials letters (Gen. ed.) 220 (2018): 58–61.
<https://dx.doi.org/10.1016/j.matlet.2018.02.112>

10)-Risk Assessment and Risk Minimization in Nanomedicine: A Need for Predictive, Alternative, and 3Rs Strategies

Accomasso, Lisa; Cristallini, Caterina; Giachino, Claudia
subjectnanomaterialssubjectnanomedicinesubjectnanosafetysubjectrisk assessmentsubjectrisk minimization
Frontiers in Pharmacology 9 (2018).
<https://dx.doi.org/10.3389/fphar.2018.00228>

11)-Predicting the helical sense of Poly(phenylacetylene)s from their Electron Circular Dichroism Spectra

B. Fernández; R. Rodríguez; A. Rizzo; E. Quiñoá; R. Riguera; F. Freire
subjectDicroismo Circolare Elettronico
subjectPolifenilacetileni
subjectTD-DFT
Angewandte Chemie (Int. ed., Print) 57 (2018): 3666–3670.
<https://dx.doi.org/10.1002/anie.201713164>

12)-Predicting the Helical Sense of Poly(phenylacetylene)s from their Electron Circular Dichroism Spectra

B. Fernández; R. Rodríguez; A. Rizzo; E. Quiñoá; R. Riguera; F. Freire
subjectDicroismo Circolare Elettronico
subjectPolifenilacetileni
subjectTD-DFT
Angewandte Chemie (Print) 130 (2018): 3728–3732.
<https://dx.doi.org/10.1002/ange.201713164>

13)-A QM/MM and QM/QM/MM study of Kerr, Cotton-Mouton and Jones linear birefringences in liquid acetonitrile

T. Fahleson; J. M. H. Olsen; P. Norman; A. Rizzo
subjectQM/MM
subjectPolarizable Density Embedding
subjectLinear Birefringence
subjectJones Birefringence
subjectAcetonitrile
PCCP. Physical chemistry chemical physics (Print) 20 (2018): 3831–3840.
<https://dx.doi.org/10.1039/C7CP07421B>

14)-Encapsulation of curcumin-loaded liposomes for colonic drug delivery in a pH-responsive polymer cluster using a pH-driven and organic solvent-free process

De Leo, Vincenzo; Milano, Francesco; Mancini, Erminia; Comparelli, Roberto; Giotta, Livia; Nacci, Angelo; Longobardi, Francesco; Garbetta, Antonella; Agostiano, Angela; Catucci, Lucia
subjectColonic drug delivery
subjectCurcumin
subjectEudragit S100
subjectNanoliposome
subjectPH jump method
subjectTEAC
Molecules (Basel, Online) 23 (2018).
<https://dx.doi.org/10.3390/molecules23040739>

15)-Quantum Effects for a Proton in a Low-Barrier, Double-Well Potential: Core Level Photoemission Spectroscopy of Acetylacetone

Feyer, Vitaliy; Feyer, Vitaliy; Prince, Kevin C.; Prince, Kevin C.; Coreno, Marcello; Melandri, Sonia; Maris, Assimo; Evangelisti, Luca; Caminati, Walther; Giuliano, Barbara M.; Giuliano, Barbara M.; Kjaergaard, Henrik G.; Carravetta, Vincenzo
subjectcore photoemission spectroscopy
subjectcomputational spectroscopy
subjectacetylacetone
subjectintramolecular hydrogen bond
The journal of physical chemistry letters 9 (2018): 521–526.
<https://dx.doi.org/10.1021/acs.jpcllett.7b03175>

16)-Molecular dynamics simulations of melting and sintering of Si nanoparticles: A comparison of different force fields and computational models

Sementa L.; Barcaro G.; Monti S.; Carravetta V. *silicon nanoparticles; molecular dynamics*

PCCP. Physical chemistry chemical physics (Print) 20 (2018): 1707–1715.

<https://dx.doi.org/10.1039/c7cp07583a>

17)-Fluorescent LDPE and PLA nanocomposites containing fluorescein-modified layered double hydroxides and their ON/OFF responsive behavior towards humidity

Coiai, Serena; Javarone, Stefano; Cicogna, Francesca; Oberhauser, Werner; Onor, Massimo; Pucci, Andrea; Minei, Pierpaolo; Iasilli, Giuseppe; Passaglia, Elisabetta *Fluorescein co-intercalated layered double hydroxides* *Fluorescent polymer-based nanocomposites* *Optical properties* *Responsiveness to humidity*

European Polymer Journal 99 (2018): 189–201.

<https://dx.doi.org/10.1016/j.eurpolymj.2017.12.021>

18)-Principles of Optical Spectroscopy of Aromatic Alloy Nanomolecules: Au₃₆-Ag_x(SPh-tBu)₂₄

Theivendran, Shevanuja; Chang, Le; Mukherjee, Aneek; Sementa, Luca; Stener, Mauro; Fortunelli, Alessandro; Dass, Amal *DENSITY-FUNCTIONAL THEORY* *CHIROPTICAL PROPERTIES* *GOLD-SILVER NANOPARTICLES* *THEORETICAL-ANALYSIS* *NANOALLOYS*

Journal of physical chemistry. C 122 (2018): 4524–4531.

<https://dx.doi.org/10.1021/acs.jpcc.8b00556>

19)-Transient viscous response of the human cornea probed with the Surface Force Apparatus

Zappone, Bruno; Patil, Navinkumar J.; Lombardo, Marco; Lombardo, Giuseppe *Visco-elastic behaviours* *cornea tissues* *SFA*

PloS one 13 (2018).

<https://dx.doi.org/10.1371/journal.pone.0197779>

20)-Non-invasive optical method for real-time assessment of intracorneal riboflavin concentration and efficacy of corneal cross-linking

Lombardo, Giuseppe; Villari, Valentina; Micali, Norberto L.; Leone, Nancy; Labate, Cristina; De Santo, Maria P.; Lombardo, Marco *Corneal cross-linkings* *Fluorescences* *Riboflavins* *Theranostics* *UV-A device*

Journal of biophotonics (Print) 11 (2018).

<https://dx.doi.org/10.1002/jbio.201800028>

21)-Ligand Structure Determines Nanoparticles' Atomic Structure, Metal-Ligand Interface and Properties

Rambukwella, Milan; Sakthivel, Naga Arjun; Delcamp, Jared H.; Sementa, Luca; Fortunelli, Alessandro; Dass, Amal *ligand effects* *nanoparticle atomic structures* *metal ligand interfaces* *ligand-ligand interactions* *nanoparticle synthesis*

Frontiers in Chemistry 6 (2018): 1–17.

<https://dx.doi.org/10.3389/fchem.2018.00330>

22)-Individual Component Map of Rotatory Strength and Rotatory Strength Density Plots As Analysis Tools of Circular Dichroism Spectra of Complex Systems

Chang, Le; Baseggio, Oscar; Sementa, Luca; Cheng, Daojian; Fronzoni, Giovanna; Toffoli, Daniele; Aprà, Edoardo; Stener, Mauro; Fortunelli, Alessandrosubjecttime-dependent density functional theorysubjectmonolayer-protected clusters

Journal of chemical theory and computation 14 (2018): 3703–3714.

<https://dx.doi.org/10.1021/acs.jctc.8b00250>

23)-Time-dependent density-functional study of the photoabsorption spectrum of Au²⁵(SC²H⁴C⁶H⁵)¹⁸-anion: Validation of the computational protocol

Baseggio, Oscar; De Vetta, Martina; Fronzoni, Giovanna; Toffoli, Daniele; Stener, Mauro; Sementa, Luca; Fortunelli, Alessandrosubjectmonolayer-protected clusterssubjecttime-dependent density functional theory

International journal of quantum chemistry 118 (2018): 1–9.

<https://dx.doi.org/10.1002/qua.25769>

24)-PEGylate porphyrin-gold nanoparticles conjugates as removable pH-sensor nano-probes for acidic environments

Mineo, Placido G.; Abbadessa, Antonio; Rescifina, Antonio; Mazzaglia, Antonino; Nicosia, Angelo; Scamporrino, Andrea A.subjectGold nanoparticlessubjectNano-sensorsubjectpH-sensorsubjectPorphyrinssubjectTD-DFT calculations

Colloids and surfaces. A, Physicochemical and engineering aspects (Print) 546 (2018): 40–47.

<https://dx.doi.org/10.1016/j.colsurfa.2018.02.061>

25)-Modulating the lifetime of the charge-separated state in photosynthetic reaction center by out-of-protein electrostatics

Milano, Francesco; Tangorra, Roberto R.; Agostiano, Angela; Giotta, Livia; De Leo, Vincenzo; Ciriaco, Fulvio; Trotta, MassimosubjectRHODOBACTER-SPHAEROIDES R-26subjectBACTERIAL REACTION CENTERS

MRS Advances 3 (2018): 1497–1507.

<https://dx.doi.org/10.1557/adv.2018.242>

26)-Optical Aggregation of Gold Nanoparticles for SERS Detection of Proteins and Toxins in Liquid Environment: Towards Ultrasensitive and Selective Detection

Foti, Antonino; D'Andrea, Cristiano; Villari, Valentina; Micali, Norberto; Donato, Maria Grazia; Fazio, Barbara; Marago, Onofrio M.; Gillibert, Raymond; de la Chapelle, Marc Lamy; Gucciardi, Pietro G.subjectSERSsubjectbiosensorsubjectgold nanoparticlessubjectaptamerssubjecttoxinsubjectthemeproteinsubjectoptical forcessubjectoptical tweezerssubjectoptical patterningsubjectcolloids

Materials (Basel) 11 (2018).

<https://dx.doi.org/10.3390/ma11030440>

27)-Nanoscale Discrimination between Toxic and Nontoxic Protein Misfolded Oligomers with Tip-Enhanced Raman Spectroscopy

D'Andrea, Cristiano; Foti, Antonino; Cottat, Maximilien; Banchelli, Martina; Capitini, Claudia; Barreca, Francesco; Canale, Claudio; de Angelis, Marella; Relini, Annalisa; Marago, Onofrio M.; Pini, Roberto; Chiti, Fabrizio; Gucciardi, Pietro G.; Matteini, Paolo subject Alzheimer's diseases subject amyloids subject biomolecules subject nanoscales subject TERS

Small (Weinh., Print) 14 (2018).

<https://dx.doi.org/10.1002/sml.201800890>

28)-Photocatalytic Activity of TiO₂/AuNRs-SiO₂ Nanocomposites Applied to Building Materials

Alessandra Truppi; Manuel Luna; Francesca Petronella; Aurelia Falcicchio; Cinzia Giannini; Roberto Comparelli; Maria J. Mosquera subject nanocomposites subject photocatalytic materials

Coatings (Basel) 8 (2018).

<https://dx.doi.org/10.3390/coatings8090296>

29)-Counting of peripheral extracellular vesicles in Multiple Sclerosis patients by an improved nanoplasmonic assay and dynamic light scattering

Mallardi A1; Nuzziello N2; Liguori M3; Avolio C4; Palazzo G5. subject Extracellular vesicles subject Exosomes subject Nanoplasmonic assays subject Gold nanoparticles subject Multiple sclerosis

Colloids and surfaces. B, Biointerfaces (Print) 168 (2018): 134–142.

<https://dx.doi.org/10.1016/j.colsurfb.2018.02.006>

30)-Evidence of a low-temperature dynamical transition in concentrated microgels

Zanatta M.; Tavagnacco L.; Buratti E.; Bertoldo M.; Natali F.; Chiessi E.; Orecchini A.; Zaccarelli E. subject Acrylic monomers subject Amides subject Incoherent scatterings subject Molecular dynamics subject Neutron scatterings subject Proteins

Science Advances 4 (2018).

<https://dx.doi.org/10.1126/sciadv.aat5895>

31)-Interpenetrating Polymer Network Microgels in Water: Effect of Composition on the Structural Properties and Electrosteric Interactions

Micali N.; Bertoldo M.; Buratti E.; Nigro V.; Angelini R.; Villari V. subject colloidal properties subject electrosteric interactions subject microgels subject NMR spectroscopy subject polymer network

ChemPhysChem (Print) 19 (2018): 2894–2901.

<https://dx.doi.org/10.1002/cphc.201800707>

32)-TDDFT Study of the Optical Spectra of Free and Supported Binary Coinage Metal Hexamers: Effect of Doping and Support

Luque-Ceballos J.C.; Sementa L.; Apra E.; Fortunelli A.; Posada-Amarillas A. subjecttime-dependent density-functional theorysubjectclusters

Journal of physical chemistry. C 122 (2018): 23143–23152.

<https://dx.doi.org/10.1021/acs.jpcc.8b06397>

33)-Low cost tips for tip-enhanced Raman spectroscopy fabricated by two-step electrochemical etching of 125 μ m diameter gold wires

Foti, Antonino; Barreca, Francesco; Fazio, Enza; D'Andrea, Cristiano; Matteini, Paolo; Marago, Onofrio Maria; Gucciardi, Pietro Giuseppe subjectamyloids subjectenhanced spectroscopy subjectgold tip subjectplasmonic subjectTERS

Beilstein journal of nanotechnology 9 (2018): 2718–2729.

<https://dx.doi.org/10.3762/bjnano.9.254>

34)-Interaction between the photosynthetic anoxygenic microorganism *Rhodobacter sphaeroides* and soluble gold compounds. From toxicity to gold nanoparticle synthesis

Francesca Italiano; Angela Agostiano; Benny Danilo Belviso; Rocco Caliandro; Benedetta Carrozzini; Roberto Comparelli; Maria Teresa Melillo; Ernesto Mesto; Gioacchino Tempesta; Massimo Trotta subjectGold nanoparticlessubjectExtracellular biosynthesis subjectGreen synthesis subject*Rhodobacter sphaeroides* subjectNitrophenol degradation

Colloids and surfaces. B, Biointerfaces (Print) 172 (2018): 362–371.

<https://dx.doi.org/10.1016/j.colsurfb.2018.06.010>

35)-Structure and Dynamics of Biobased Polyester Nanocomposites

Krystalenia Androulaki; Kiriaki Chrissopoulou; Daniele Prevosto; Massimiliano Labardi; Spiros H. Anastasiadis subjectpolyesters subjectnanocomposites subjectsilicates subjectdielectric spectroscopy subjectpolyol

Biomacromolecules (Online) (2018).

<https://dx.doi.org/10.1021/acs.biomac.8b01231>

36)-Optical force decoration of 3D microstructures with plasmonic particles

Donato, M. G.; Rajamanickam, V. P.; Foti, A.; Gucciardi, P. G.; Liberale, C.; Marago, O. M. subjectoptical force subjectplasmonic subjectSERS subjectoptical tweezers

Optics letters 43 (2018): 5170–5173.

<https://dx.doi.org/10.1364/OL.43.005170>

37)-Photo-Induced Heating in Plasmonic Nanoparticles Trapped in Thermo-Sensitive Liquid Crystals

Pezzi, Luigia; De Sio, Luciano; Placido, Tiziana; Comparelli, Roberto; Umeton, CesaresubjectPlasmonic NanoparticlessubjectGold NanorodssubjectLiquid Crystals

Journal of nanoscience and nanotechnology (Print) 18 (2018): 6708–6718.

<https://dx.doi.org/10.1166/jnn.2018.15749>

38)-A designed UV-vis light curable coating nanocomposite based on colloidal TiO₂ NRs in a hybrid resin for stone protection

Corcione, Carola Esposito; Ingrosso, Chiara; Petronella, Francesca; Comparelli, Roberto; Striccoli, Marinella; Agostiano, Angela; Frigione, Mariaenrica; Curri, M. Lucia
subjectHybrid methacrylic-siloxane resins
subjectColloidal TiO₂ nanorods
subjectNanocomposites
subjectStone protection
subjectSelf-cleaning
subjectUV-vis light polymerization

Progress in organic coatings (Print) 122 (2018): 290–301.

<https://dx.doi.org/10.1016/j.porgcoat.2018.05.020>

39)-Preparation of drug-loaded small unilamellar liposomes and evaluation of their potential for the treatment of chronic respiratory diseases

De Leo, Vincenzo; Ruscigno, Silvia; Trapani, Adriana; Di Gioia, Sante; Milano, Francesco; Mandracchia, Delia; Comparelli, Roberto; Castellani, Stefano; Agostiano, Angela; Trapani, Giuseppe; Catucci, Lucia; Conese, Massimiliano
subjectDrug-loaded liposomes
subjectMicelle-to-vesicle transition methods
subjectBeclometasone dipropionates
subjectPulmonary delivery
subjectCytotoxicity
subjectCOPD patient mucus-penetration

International journal of pharmaceutics (Print) 545 (2018): 378–388.

<https://dx.doi.org/10.1016/j.ijpharm.2018.04.030>

40)-One pot environmental friendly synthesis of gold nanoparticles using Punica Granatum Juice: A novel antioxidant agent for future dermatological and cosmetic applications

Gubitosa, Jennifer; Rizzi, Vito; Lopodota, Angela; Fini, Paola; Laurenzana, Anna; Fibbi, Gabriella; Fanelli, Fiorenza; Petrella, Andrea; Laquintana, Valentino; Denora, Nunzio; Comparelli, Roberto; Cosma, Pinalysa
subjectGold nanoparticle
subjectSunscreens
subjectAntioxidant
subjectPunica Granatum Juice
subjectGreen synthesis
subjectNanomaterials

Journal of colloid and interface science (Print) 521 (2018): 50–61.

<https://dx.doi.org/10.1016/j.jcis.2018.02.069>

41)-Surface Engineering of Gold Nanorods for Cytochrome c Bioconjugation: An Effective Strategy To Preserve the Protein Structure

Placido, Tiziana; Tognaccini, Lorenzo; Howes, Barry D.; Montrone, Alessandro; Laquintana, Valentino; Comparelli, Roberto; Curri, M. Lucia; Smulevich, Giulietta; Agostiano, Angela
subjectNanorods

ACS omega 3 (2018): 4959–4967.

<https://dx.doi.org/10.1021/acsomega.8b00719>

42)-Ascorbic acid-sensitized Au nanorods-functionalized nanostructured TiO₂ transparent electrodes for photoelectrochemical genosensing

Bettazzi, Francesca; Laschi, Serena; Voccia, Diego; Gellini, Cristina; Pietraperzia, Giangaetano; Falciola, Luigi; Pifferi, Valentina; Testolin, Anna; Ingrosso, Chiara; Placido, Tiziana; Comparelli, Roberto; Curri, M. Lucia; Palchetti,

Ilaria subject Photoelectrochemicals subject Nanostructured
nanorod subject Nucleic acids subject Ascorbic acids subject Small RNAs
Electrochimica acta 276 (2018): 389–398.
<https://dx.doi.org/10.1016/j.electacta.2018.04.146>

TiO₂ subject Au

43)-Photoelectrochemical and spectrophotometric studies on dye-sensitized solar cells (DSCs) and stable modules (DSCMs) based on natural apocarotenoids pigments

Calogero, Giuseppe; Barichello, Jessica; Citro, Ilaria; Mariani, Paolo; Vesce, Luigi; Bartolotta, Antonino; Di Carlo, Aldo; Di Marco, Gaetano subject Dye-sensitized solar cell subject Photoelectrochemical module subject Solar energy subject Natural dye subject Achiotes subject Bixin
Dyes and pigments 155 (2018): 75–83.
<https://dx.doi.org/10.1016/j.dyepig.2018.03.021>

44)-Laser-generated bismuth nanoparticles for applications in imaging and radiotherapy

Torrise, L.; Silipigni, L.; Restuccia, N.; Cuzzocrea, S.; Cutroneo, M.; Barreca, F.; Fazio, B.; Di Marco, G.; Guglielmino, S. subject Bismuth subject Nanoparticles subject Contrast medium subject Radiotherapy subject X-ray images
Journal of physics and chemistry of solids 119 (2018): 62–70.
<https://dx.doi.org/10.1016/j.jpics.2018.03.034>

45)-Phosphate Modified Screen Printed Electrodes by LIFT Treatment for Glucose Detection

Francesco Milano; Livia Giotta; Daniela Chirizzi; Simos Papazoglou; Christina Kryou; Annarita De Bartolomeo; Vincenzo De Leo; Maria Guascito; Ioanna Zergioti subject screen printed electrodes; subject laser printing; subject LIFT subject glucose subject biosensor
Biosensors (Basel) 8 (2018).
<http://www.cnr.it/prodotto/i/397463>

info:cnr-pdr/source/autori:Francesco Milano, Livia Giotta, Daniela Chirizzi, Simos Papazoglou, Christina Kryou, Annarita De Bartolomeo, Vincenzo De Leo, Maria Guascito, Ioanna Zergioti/titolo:Phosphate Modified Screen Printed Electrodes by LIFT Treatment for Glucose Detection/

46)-Multi-analytical study of Roman frescoes from Villa dei Quintili (Rome, Italy)

Crupi, Vincenza; Fazio, Barbara; Fiocco, Giacomo; Galli, Giuliana; La Russa, Mauro Francesco; Licchelli, Maurizio; Majolino, Domenico; Malagodi, Marco; Ricca, Michela; Ruffolo, Silvestro Antonio; Venuti, Valentinas subject Micro-Raman spectroscopy subject FT-IR spectroscopy subject SEM-EDX subject POM subject Roman decorated plasters subject Pigments
Journal of Archaeological Science: Reports 21 (2018): 422–432.
<https://dx.doi.org/10.1016/j.jasrep.2018.08.028>

47)-Ultrasensitive Label- and PCR-Free Genome Detection Based on Cooperative Hybridization of Silicon Nanowires Optical Biosensors

Leonardi, Antonio Alessio; Lo Faro, Maria Jose; Petralia, Salvatore; Fazio, Barbara; Musumeci, Paolo; Conoci, Sabrina; Irrera, Alessia; Priolo, Francesco subject biosensors subject nanowires subject PCR-free subject DNA cooperative hybridizations subject silicon subject photoluminescence subject Hepatitis B virus
ACS sensors Online 3 (2018): 1690–1697.
<https://dx.doi.org/10.1021/acssensors.8b00422>

48)-Low Cost Fabrication of Si NWs/CuI Heterostructures

Lo Faro, Maria Jose; Leonardi, Antonio Alessio; Morganti, Dario; Fazio, Barbara; Vasi, Ciro; Musumeci, Paolo; Priolo, Francesco; Irrera, Alessia subject silicon nanowires subject heterostructures subject Cu subject silicon
Nanomaterials (Basel) 8 (2018).
<https://dx.doi.org/10.3390/nano8080569>

49)-TiO₂-SiO₂-PDMS nanocomposite coating with self-cleaning effect for stone material: Finding the optimal amount of TiO₂

Crupi, Vincenza; Fazio, Barbara; Gessini, Alessandro; Kis, Zoltan; La Russa, Mauro F.; Majolino, Domenico; Masciovecchio, Claudio; Ricca, Michela; Rossi, Barbara; Ruffolo, Silvestro A.; Venuti, Valentinas subject Titanium dioxides subject Nanostructured coatings subject Photocatalytic subject Neutron radiographs subject SR-Ramans subject Cultural heritage
Construction & building materials 166 (2018): 464–471.
<https://dx.doi.org/10.1016/j.conbuildmat.2018.01.172>

50)-Tailoring the oxygen content of graphene oxide by IR laser irradiation

Silipigni, L.; Fazio, M.; Fazio, B.; Cutroneo, M.; Torrisi, L. subject GRAPHITE OXIDE; REDUCTION
Applied physics. A, Materials science & processing (Print) 124 (2018).
<https://dx.doi.org/10.1007/s00339-018-1956-z>

51)-Gold nanoparticles produced by laser ablation in water and in graphene oxide suspension

Torrisi, L.; Cutroneo, M.; Silipigni, L.; Barreca, F.; Fazio, B.; Restuccia, N.; Kovacik, L. subject Laser ablation in water subject graphenes subject graphene oxides subject gold nanoparticles
Philosophical magazine (2003, Print) 98 (2018): 2205–2220.
<https://dx.doi.org/10.1080/14786435.2018.1478147>

52)-Draft Genome Sequences of Three Novel Staphylococcus arlettae Strains Isolated from a Disused Biological Safety Cabinet

Lavecchia, Anna; Chiara, Matteo; Manzari, Caterina; Trotta, Massimo; Marzano, Marinella; Horner, David; Pesole, Graziano; Placido, Antonio subject Staphylococcus arlettae
Microbiology resource announcements Online 7 (2018).
<https://dx.doi.org/10.1128/MRA.01012-18>

53)-Production and biotechnological potentialities of extracellular polymeric substances from sponge-associated Antarctic bacteria

Caruso C.; Rizzo C.; Mangano S.; Poli A.; Di Donato P.; Finore I.; Nicolaus B.; Di Marco G.; Michaud L.; Lo Giudicea A.subjectextracellular polymeric substancesubjectbiofilmsubjectbiotechnological potentialsubjectWinogradskyella
Applied and environmental microbiology (Online) (2018).

<https://dx.doi.org/10.1128/AEM.01624-17>

54)-Crystallization-induced formation of rigid amorphous fraction

Maria Laura Di Lorenzo; Maria Cristina Righettisubjectcalorimetrysubjectpolymer crystallizationsubjectrigid amorphous fraction
Polymer crystallization Online 1 (2018).

<https://dx.doi.org/10.1002/pcr2.10023>

55)-Au²⁷⁹(SR)⁸⁴: The Smallest Gold Thiolate Nanocrystal That Is Metallic and the Birth of Plasmon

Sakthivel, Naga Arjun; Stener, Mauro; Sementa, Luca; Fortunelli Alessandro; Ramakrishna, Guda; Dass, AmalsubjectOPTICAL PROPERTIESsubjectCRYSTAL STRUCTUREsubjectQUANTUM CONFINEMENTsubjectGOLD NANOPARTICLESsubjectNANOCLUSTERSsubjectNANOMOLECULESsubjectELECTRON DYNAMICS

The journal of physical chemistry letters 9 (2018): 1295–1300.

<https://dx.doi.org/10.1021/acs.jpcllett.8b00308>

56)-Bimetallic Ag-Pt sub-nanometer supported clusters as highly efficient and robust oxidation catalysts

Negreiros, Fabio R.; Halder, Avik; Yin, Chunrong; Singh, Akansha; Barcaro, Giovanni; Sementa, Luca; Tyo, Eric C.; Pellin, Michael J.; Bartling, Stephan; Meiwes-Broer, Karl-Heinz; Seifert, Sönke; Sen, Prasenjit; Nigam, Sandeep; Majumder, Chiranjib; Fukui, Nobuyuki; Yasumatsu, Hisato; Vajda, Stefan; Fortunelli Alessandrosubjectsubnanometer catalystssubjectoxidation catalysissubjectreactive global optimization

Angewandte Chemie (Int. ed., Print) 57 (2018): 1209–1213.

<https://dx.doi.org/10.1002/anie.201709784>

57)-Bimetallic Ag-Pt sub-nanometer supported clusters as highly efficient and robust oxidation catalysts

Negreiros, Fabio R.; Halder, Avik; Yin, Chunrong; Singh, Akansha; Barcaro, Giovanni; Sementa, Luca; Tyo, Eric C.; Pellin, Michael J.; Bartling, Stephan; Meiwes-Broer, Karl-Heinz; Seifert, Sönke; Sen, Prasenjit; Nigam, Sandeep; Majumder, Chiranjib; Fukui, Nobuyuki; Yasumatsu, Hisato; Vajda, Stefan; Fortunelli Alessandrosubjectultrananocatalystssubjectreactive global optimization

Angewandte Chemie (Print) 130 (2018): 1223–1227.

<https://dx.doi.org/10.1002/ange.201709784>

58)-Hydrogen evolution reaction (HER) on Au@Ag ultrananoclusters as electro-catalysts

Chang L.; Cheng D.; Sementa L.; Fortunelli AlessandrosubjectHER reaction; calculations; Ag-Au subnanometer clusters

Nanoscale (Print) 10 (2018): 17730–17737.

<https://dx.doi.org/10.1039/c8nr06105j>

59)-SERS amplification by ultra-dense plasmonic arrays on self-organized PDMS templates

Repetto, Diego; Giordano, Maria Caterina; Foti, Antonino; Gucciardi, Pietro Giuseppe; Mennucci, Carlo; de Mongeot, Francesco BuatierssubjectPolydimethylsiloxane (PDMS)subjectSoft lithographysubjectPlasmonic nanostructuresubjectSurface-enhanced Raman spectroscopy (SERS)subjectOptical dichroism

Applied surface science 446 (2018): 83–91.

<https://dx.doi.org/10.1016/j.apsusc.2018.02.163>

60)-A New Class of MnCeOx Materials for the Catalytic Gas Exhausts Emission Control: A Study of the CO Model Compound Oxidation

Arena F.; Di Chio R.; Espro C.; Fazio B.; Palella A.; Spadaro L.subjectAutomotive exhaust emissions controlssubjectCO oxidationsubjectNanocomposite MnCeOx catalystssubjectActive sitesubjectReaction mechanism

Topics in catalysis (2018).

<https://dx.doi.org/10.1007/s11244-018-1113-0>

61)-Biomaterial Amorphous Laser through Light-Scattering Surfaces Assembled by Electrospun Fiber Templates

Maria Moffa; Andrea Camposeo; Vito Fasano; Barbara Fazio; Maria Antonia Iatì; Onofrio M Maragò; Rosalba Saija; Heinz-Christoph Schröder; Werner EG Müller; Dario PisignanosubjectOptical materialssubjectLight scatteringsubjectnanofabrication

Laser & photonics reviews (Internet) 12 (2018): 1700224-1–1700224-9.

<https://dx.doi.org/10.1002/lpor.201700224>

=====

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

1)-Contrasting microscopic interactions determine the properties of water/methanol solutions

Carmelo Corsaro; Francesco Mallamace; Sebastiano Vasi; Sow-Hsin Chen; H. Eugene Stanley; Domenico Mallamace

subjectaqueous solutions subjecthydrophobicity subjectNMR subjecthydrophilicity

Water and Water Systems, Erice (TP), 22/07/2016, 31/07/2016

<http://www.cnr.it/prodotto/i/377866>

info:cnr-pdr/source/autori:Carmelo Corsaro, Francesco Mallamace, Sebastiano Vasi, Sow-Hsin Chen, H. Eugene Stanley, Domenico Mallamace/congresso_nome:Water and Water Systems/congresso_luogo:Erice (TP)/congresso_data:22/07/2016, 31/07/2016/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

2)-NMR investigation of degradation processes of ancient and modern paper at different hydration levels

Domenico Mallamace; Sebastiano Vasi; Mauro Missori; Francesco Mallamace; Carmelo Corsaro

subjectancient papers subjectdegradations subjectNMR subjecthydrations subjectsolvent dynamics

Water and Water Systems, Erice (TP), 22/07/2016, 31/07/2016

<http://www.cnr.it/prodotto/i/377867>

info:cnr-pdr/source/autori:Domenico Mallamace, Sebastiano Vasi, Mauro Missori, Francesco Mallamace, Carmelo Corsaro/congresso_nome:Water and Water Systems/congresso_luogo:Erice (TP)/congresso_data:22/07/2016, 31/07/2016/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

3)-Electrostatic Force Microscopy Techniques for Interphase Characterization

Massimiliano Labardi; Daniele Prevosto; Simone Capaccioli

subjectelectrostatic force microscopy; atomic force microscopy; interfaces; nanocomposites; hybrid materials

Hybrid Organic-Inorganic Interfaces: Towards Advanced Functional Materials, edited by Delville Marie Helene, Taubert Andreas, pp. 867. New York: J. Wiley & sons, 2018

<urn:isbn:978-3-527-34255-6>

info:cnr-pdr/source/autori:Massimiliano Labardi, Daniele Prevosto, and Simone Capaccioli/titolo:Electrostatic Force Microscopy Techniques for Interphase Characterization/titolo_volume:Hybrid Organic-Inorganic Interfaces: Towards Advanced Functional Materials/curatori_volume:Delville Marie Helene, Taubert Andreas/editore:

4)-Amorphous fractions of poly(lactic acid)

Righetti M.C.subjectCrystallinitysubjectInterphasesubjectMobile amorphous fractionsubjectrigid amorphus fraction

Synthesis, Structure and Properties of Poly(lactic acid), edited by Maria Laura Di Lorenzo, René Androsch, pp. 195–234. Berlin: Springer International Publishing AG, 2018

https://dx.doi.org/10.1007/12_2016_14

info:cnr-pdr/source/autori:Righetti M.C./titolo:Amorphous fractions of poly(lactic acid)/titolo_volume:Synthesis, Structure and Properties of Poly(lactic acid)/curatori_volume:Maria Laura Di Lorenzo, René Androsch/editore:

/anno:2018

5)-Analysis of polymer crystallization by calorimetry

M. L. Di Lorenzo; R. Androsch; A. M. Rhoades; M. C. RighettisubjectPolymer crystallizationsubjectcalorimetry

Handbook of Thermal Analysis and Calorimetry: Recent Advances, Techniques and Applications, Volume 6, 2nd Edition, edited by S. Vyazovkin, N. Koga, C. Schick, pp. 253–299. Amsterdam: Elsevier BV, 2018

<https://www.sciencedirect.com/science/article/pii/B9780444640628000073?via%3Dihub>

info:cnr-pdr/source/autori:M. L. Di Lorenzo, R. Androsch, A. M. Rhoades, M. C. Righetti/titolo:Analysis of polymer crystallization by calorimetry/titolo_volume:Handbook of Thermal Analysis and Calorimetry: Recent Advances, Techniques and Applications, Volume 6, 2nd Edition/curatori_volume:S. Vyazovkin, N. Koga, C. Schick/editore:

/anno:2018

6)-Plasmonic Cu₂-xS nanocrystals based nanovectors: characterization and determination of concentration

Vischio Fabio(a); De Bellis Vito(b); Fanizza Elisabetta(a; b); Laquintana Valentino(d); Striccoli Marinella(a); Sibillano Teresa(c); Giannini Cinzia(c); Denora Nunzio(d); Curri Lucia(a); Depalo Nicoletta(a)subjectNanoparticlessubjectConcentrationsubjectNanovectorsubjectPlasmonssubjectSolid Lipid Nanoparticles

XLVI Congresso Nazionale della Divisione di Chimica Fisica, Bologna, 25-28/06/2018

<http://www.cnr.it/prodotto/i/389011>

info:cnr-pdr/source/autori:Vischio Fabio(a), De Bellis Vito(b), Fanizza Elisabetta(a,b), Laquintana Valentino(d), Striccoli Marinella(a), Sibillano Teresa(c), Giannini Cinzia(c), Denora Nunzio(d), Curri Lucia(a), Depalo Nicoletta(a)/congresso_nome:XLVI Congresso Nazionale della Divisione di Chimica Fisica/congresso_luogo:Bologna/congresso_data:25-28/06/2018/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

7)-Modelling Giant Lipid Vesicles Designed for Light Energy Transduction

Altamura, Emiliano; Milano, Francesco; Trotta, Massimo; Stano, Pasquale; Mavelli, Fabio/subjectReaction centers/subjectGiant vesicles/subjectLight transductions/subjectKinetic models/subjectpH gradient

Advances in Bionanomaterials, edited by Stefano Piotto, Federico Rossi, Simona Concilio, Ernesto Reverchon, Giuseppe Cattaneo, pp. 97–109. Berlin: SPRINGER-VERLAG BERLIN, HEIDELBERGER PLATZ 3, W-1000 BERLIN 33, GERMANY, 2018

https://dx.doi.org/10.1007/978-3-319-62027-5_9

info:cnr-pdr/source/autori:Altamura, Emiliano; Milano, Francesco; Trotta, Massimo; Stano, Pasquale; Mavelli, Fabio/titolo:Modelling Giant Lipid Vesicles Designed for Light Energy Transduction/titolo_volume:Advances in Bionanomaterials/curatori_volume:Stefano Piotto, Federico Rossi, Simona Concilio, Ernesto Reverchon, Giuseppe Cattaneo/editore:

/anno:2018

8)-Photosynthesis Without the Organisms: The Bacterial Chromatophores

Altamura, Emiliano; Mavelli, Fabio; Milano, Francesco; Trotta, Massimo/subjectPhotosynthetic bacteria

Advances in Bionanomaterials, edited by Stefano Piotto, Federico Rossi, Simona Concilio, Ernesto Reverchon, Giuseppe Cattaneo, pp. 165–175. Berlin: Springer-Verlag, 2018

https://dx.doi.org/10.1007/978-3-319-62027-5_15

info:cnr-pdr/source/autori:Altamura, Emiliano; Mavelli, Fabio; Milano, Francesco; Trotta, Massimo/titolo:Photosynthesis Without the Organisms: The Bacterial Chromatophores/titolo_volume:Advances in Bionanomaterials/curatori_volume:Stefano Piotto, Federico Rossi, Simona Concilio, Ernesto Reverchon, Giuseppe Cattaneo/editore:

/anno:2018

9)-Sorafenib loaded SLN magnetically targeting hepatoma

Nicoletta Depalo (a); Fabio Vischio(a); Rosa Maria Iacobazzi(e); Silvia Villa(c); Fabio Canepa(c); Elisabetta Fanizza(a,d); Valentino Laquintana(b); Maria Principia Scavo(e); Angela Lopodota(b); Annalisa Cutrignelli(b); Marinella Striccoli(a); Angela Agostiano(a,d); Massimo Franco(b); Maria Lucia Curri(a); Nunzio Denora(b)subjecthepatomasubjectdrug deliverysubjectnanoparticlessubjectsorafenib

Proceeding 11th World Meeting on Pharmaceutics, Biopharmaceutics and Phamaceutical Technology, Granada - Spagna, 19-21/03/2018

<http://www.cnr.it/prodotto/i/393058>

info:cnr-pdr/source/autori:Nicoletta Depalo (a); Fabio Vischio(a) ; Rosa Maria Iacobazzi(e); Silvia Villa(c); Fabio Canepa(c); Elisabetta Fanizza(a,d); Valentino Laquintana(b); Maria Principia Scavo(e); Angela Lopodota(b); Annalisa Cutrignelli(b); Marinella Striccoli(a); Angela Agostiano(a,d); Massimo Franco(b); Maria Lucia Curri(a); Nunzio Denora(b)/congresso_nome:Proceeding 11th World Meeting on Pharmaceutics, Biopharmaceutics and Phamaceutical Technology/congresso_luogo:Granada - Spagna/congresso_data:19-21/03/2018/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

10)-Innovative Silicon Nanowires based Platforms for Bio-sensing

C. D'Andrea¹; JM. Lo Faro²; AA. Leonardi^{2, 3, 4}; S. Trusso²; M. De Angelis¹; M. Banchelli¹; L. Torsi⁵; F. Priolo^{3, 4, 6}; R. Pini¹; A. Irrera²; P. Matteini¹subjectsilicon nanowiressubjectBiosensingssubjectSERSsubjectc-reactive proteinssubjectamyloid oligomers

Europt(r)ode XIV conference on optical chemical sensors and biosensors, Napoli, 25-28/03/2018

<http://www.cnr.it/prodotto/i/396053>

info:cnr-pdr/source/autori:C. D'Andrea¹, JM. Lo Faro², AA. Leonardi^{2,3,4}, S. Trusso², M. De Angelis¹, M. Banchelli¹, L. Torsi⁵, F. Priolo^{3,4,6}, R. Pini¹, A. Irrera² and P. Matteini¹/congresso_nome:Europt(r)ode XIV conference on optical chemical sensors and biosensors/congresso_luogo:Napoli/congresso_data:25-28/03/2018/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

11)-Tip-Enhanced Raman Spectroscopy Analysis of Amyloid Oligomers

Cristiano D'Andrea¹; Antonino Foti²; Maximilien Cottat¹; Martina Banchelli¹; Claudia Capitini³; Francesco Barreca⁴; Claudio Canale⁵; Marella De Angelis¹; Annalisa Relini⁶; Onofrio. M. Maragò²; Roberto Pini¹; Fabrizio Chiti³; Pietro G. Gucciardi²; Paolo Matteini¹subjectTip enhanced raman spectroscopysubjectTERSsubjectamyloid oligomerssubjectneurodegenerative disease

Plasmonica 2018 - International workshop on plasmonics, Firenze, 04-06/07/2018

<http://www.cnr.it/prodotto/i/396068>

info:cnr-pdr/source/autori:Cristiano D'Andrea1, Antonino Foti2, Maximilien Cottat1, Martina Banchelli1, Claudia Capitini3, Francesco Barreca4, Claudio Canale5, Marella De Angelis1, Annalisa Relini6, Onofrio. M. Maragò2, Roberto Pini1, Fabrizio Chiti3, Pietro G. Gucciardi2, and Paolo Matteini1/congresso_nome:Plasmonica 2018 - International workshop on plasmonics/congresso_luogo:Firenze/congresso_data:04-06/07/2018/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

12)-Comparison among nanostructured biomaterials with different mechanisms and kinetics of bioactivity and antibacterial action

Silvia Spriano; Seiji Yamaguchi; Sara Ferraris; Martina Cazzola; Marta Miola; Enrica Vernè; Andrea Cochis; Caterina Cristallini; Nicoletta Barbani; Inger Odnevall Wallinder; Yolanda Hedberg/subject:bioactive materialssubjects: surface functionalizationssubject: titanium
TERMIS Conference, Kyoto (Japan), 4/7 September 2018
<http://www.cnr.it/prodotto/i/397135>

info:cnr-pdr/source/autori:Silvia Spriano,Seiji Yamaguchi,Sara Ferraris,Martina Cazzola,Marta Miola,Enrica Vernè,Andrea Cochis,Caterina Cristallini,Nicoletta Barbani,Inger Odnevall Wallinder,Yolanda Hedberg/congresso_nome:TERMIS Conference/congresso_luogo:Kyoto (Japan)/congresso_data:4/7 September 2018/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

13)-Thermo-mechanical and physical characterization of polyolefin based films for photovoltaic cells

A. Visco; G. Di Marco; C. Scolaro; D. Iannazzo; L. Torrisi/subject:adhesivessubject: polyolefinssubject: solar cellssubject: lap shear testssubject: thermal characterization
9th International Conference on "Times of Polymers and Composites"; : From Aerospace to Nanotechnology, pp. 20145-1–20145-4, Ischia, 17-21/7/ 2018
<https://dx.doi.org/10.1063/1.5046007>

info:cnr-pdr/source/autori:A. Visco, G. Di Marco, C. Scolaro, D. Iannazzo and L. Torrisi/congresso_nome:9th International Conference on "Times of Polymers and Composites"; : From Aerospace to Nanotechnology/congresso_luogo:Ischia/congresso_data:17-21/7/ 2018/anno:2018/pagina_da:20145-1/pagina_a:20145-4/intervallo_pagine:20145-1–20145-4

14)-Physical ageing of semi-crystalline PLLA: Role of the differently constrained amorphous fractions

M.C. Righetti; N. Delpouve; A. Saiters/subject: Poly(L-lactic acid); Physical ageingsubject: Structural relaxationssubject: Constrained amorphous fraction
TOP Conference 2018, Ischia, 17-21 June 2018
<http://www.cnr.it/prodotto/i/397926>

info:cnr-pdr/source/autori:M.C. Righetti, N. Delpouve, A. Saiter/congresso_nome:TOP Conference 2018/congresso_luogo:Ischia/congresso_data:17-21 June 2018/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

15)-Effect of different nucleating agent on crystallinity and properties of polylactic acid

L. Aliotta; P. Cinelli; M.C. Righetti; M.B. Coltelli; A. Lazzeri subject Nucleating agent subject Crystallinity subject Mechanical properties subject Poly(lactic acid).

TOP Conference 2018, Ischia, 17-21 June 2018

<http://www.cnr.it/prodotto/i/397927>

info:cnr-pdr/source/autori:L. Aliotta, P. Cinelli, M.C. Righetti, M.B. Coltelli, A. Lazzeri/congresso_nome:TOP Conference 2018/congresso_luogo:Ischia/congresso_data:17-21 June 2018/anno:2018/pagina_da:/pagina_a:/intervallo_pagine:

16)-Rapporto Tecnico: Studio di fattibilità impianto geotermico per Acquapark di Tramutola (PT)

G. DI BELLA; A. SAPIENZA; S. VASTA; G. LUPÒ; R. CARUSO; G. LOMBARDO subject geotermiasubject pompa di calore subject piscine subject acquapark 2018

<http://www.cnr.it/prodotto/i/398050>