Peer-reviewed journal articles

1)-Surface chemical functionalisation of epoxy photoresist-based microcantilevers with organic-coated TiO2 nanocrystals

Ingrosso C 1; Sardella E 2; Keller SS 3; Striccoli M 1; Agostiano A 1; Boisen A 3; Curri ML 1SUBJECTIRON-OXIDE NANOCRYSTALS; SU-8 CANTILEVERS; FABRICATION; PROBES

Micro & nano letters 7 (2012): 337–342.

https://dx.doi.org/10.1049/mnl.2011.0673

2)-Incorporation of the bacterial reaction centre into dendrimersomes

Giustini, M (Giustini, Mauro)1,2; Bellinazzo, C (Bellinazzo, Cristina)1,2; Galantini, L (Galantini, Luciano)1,2; Mallardi, A (Mallardi, Antonia)3; Palazzo, G (Palazzo, Gerardo)4; Sennato, S (Sennato, Simona)5,6; Bordi, F (Bordi, Federico)5,6; Rissanen, K (Rissanen, Kari)7

Colloids and surfaces. A, Physicochemical and engineering aspects (Print) 413 (2012): 38.

http://www.cnr.it/prodotto/i/196196

info:cnr-pdr/source/autori:Giustini, M (Giustini, Mauro)1,2; Bellinazzo, C (Bellinazzo, Cristina)1,2; Galantini, L (Galantini, Luciano)1,2; Mallardi, A (Mallardi, Antonia)3; Palazzo, G (Palazzo, Gerardo)4; Sennato, S (Sennato, Simona)5,6; Bordi, F (Bordi, Federico)5,6; Rissanen, K (Rissanen, Kari)7/titolo:Incorporation of the bacterial reaction centre into dendrimersomes/

3)-Isolation of Squarebop I bacteriorhodopsin from biomass of coastal salterns

Lobasso S.(a); Lopalco P.(b); Angelini R.(a); Pollice A.(c); Laera G.(c); Milano F.(d); Agostiano A.(d; e); Corcelli A. (a; d)SUBJECTRetinal proteinsSUBJECTMicrofiltrationSUBJECTHollow fibersSUBJECTHalophilic archaea

Protein expression and purification (Print) 84 (2012): 73–79.

https://dx.doi.org/10.1016/j.pep.2012.04.017

4)-Viva la differenza

Massimo Trotta e Luigi R. CeciSUBJECTDivulazione scientifica

Sapere (Bari) 78 (2012): 78–79.

http://www.cnr.it/prodotto/i/274103

info:cnr-pdr/source/autori:Massimo Trotta e Luigi R. Ceci/titolo:Viva la differenza/

5)-Colorimetric detection of sugars based on gold nanoparticle formation

Gerardo Palazzo; Laura Facchini; Antonia Mallardi

Sensors and actuators. B, Chemical (Print) 161 (2012): 366–371.

http://www.cnr.it/prodotto/i/237237

info:cnr-pdr/source/autori:Gerardo Palazzo, Laura Facchini, Antonia Mallardi/titolo:Colorimetric detection of sugars based on gold nanoparticle formation/

6)-Incorporation of the bacterial reaction centre into dendrimersomes

Mauro Giustini a; Cristina Bellinazzo a; Luciano Galantini a; Antonia Mallardi b; Gerardo Palazzo c; Simona Sennato d; Federico Bordi d; Kari Rissanen e

Colloids and surfaces. A, Physicochemical and engineering aspects (Print) 413 (2012): 38–43.

http://www.cnr.it/prodotto/i/238849

info:cnr-pdr/source/autori:Mauro Giustini a, Cristina Bellinazzo a, Luciano Galantini a, Antonia Mallardi b, Gerardo Palazzo c,
Simona Sennato d, Federico Bordi d, Kari Rissanen e/titolo:Incorporation of the bacterial reaction centre into dendrimersomes/

7)-Polymer-photosynthetic protein multilayer architectures for herbicide optical detection

Mauro Giustini; Mattia Autullo; Mauro Mennuni; Gerardo Palazzo; Antonia Mallardi

Sensors and actuators. B, Chemical (Print) 163 (2012): 69–75.

http://www.cnr.it/prodotto/i/237251

info:cnr-pdr/source/autori:Mauro Giustini, Mattia Autullo, Mauro Mennuni, Gerardo Palazzo, Antonia Mallardi/titolo:Polymer-photosynthetic protein multilayer architectures for herbicide optical detection/

8)-The Light-Activated Proton Pump Bop I of The Archaeon Haloquadratum walsbyi

Simona Lobasso; Patrizia Lopalco; Rita Vitale; Matilde Sublimi Saponetti; Giuseppe Capitanio; Vincenzo Mangini; Francesco Milano; Massimo Trotta; Angela CorcelliSUBJECTretinal protein

Photochemistry and photobiology 88 (2012): 690–700.

https://dx.doi.org/10.1111/j.1751-1097.2012.01089.x

9)-Changes in morphology, cell wall composition and soluble proteome in Rhodobacter sphaeroides cells exposed to chromate

Italiano F; Rinalducci S; Agostiano A; Zolla L; De Leo F; Ceci LR; Trotta MSUBJECTChromate reduction; Photosynthesis; Rhodobacter sphaeroides; Two-dimensional gel electrophoresis; Atomic force microscopy; Attenuated total reflection-fourier transformed infrared spectroscopy

BioMetals (Oxf.) 25 (2012): 939–949.

https://dx.doi.org/10.1007/s10534-012-9561-7

10)-The reaction center is the sensitive target of the mercury (II) ion in intact cells of photosynthetic bacteria

E. Asztalos; G. Sipka; M. Kis; M. Trotta; P. MarótiSUBJECTBacterial photosynthesis; Intact cells; Reaction center; Antenna; Mercury contamination; Bacteriochlorophyll spectroscopy

Photosynthesis research (Print) 112 (2012): 129–140.

https://dx.doi.org/10.1007/s11120-012-9749-2

11)-Oxidoreductase activity of chromatophores and purified cytochrome bc 1 complex from Rhodobacter sphaeroides: a possible role of cardiolipin

Lucia Catucci; Vincenzo De Leo; Francesco Milano; Livia Giotta; Rita Vitale; Angela Agostiano; Angela CorcelliSUBJECTRhodobacter sphaeroides; Osmotic stress; Cardiolipin; Oxidoreductase activity; Cytochrome bc(1) complex
Journal of bioenergetics and biomembranes (Dordr., Online) 44 (2012): 487–493.
https://dx.doi.org/10.1007/s10863-012-9447-y

12)-Un dono dai funghi: le idrofobine

Massimo Trotta; Luigi R. Ceci e Andrea VentrellaSUBJECTDivulazione scientifica
Sapere (Bari) 78 (2012): 78–79.
http://www.cnr.it/prodotto/i/274107

info:cnr-pdr/source/autori:Massimo Trotta, Luigi R. Ceci e Andrea Ventrella/titolo:Un dono dai funghi: le idrofobine/

13)-Il bisturi molecolare

Massimo Trotta e Luigi R. CeciSUBJECTDivulazione scientifica
Sapere (Bari) 78 (2012): 68–69.
http://www.cnr.it/prodotto/i/274108

info:cnr-pdr/source/autori:Massimo Trotta e Luigi R. Ceci/titolo:Il bisturi molecolare/

14)-Piccoli grandi demolitori

Massimo Trotta; Luigi R. Ceci
Sapere (Bari) 78 (2012): 110–111.
http://www.cnr.it/prodotto/i/274109

info:cnr-pdr/source/autori:Massimo Trotta, Luigi R. Ceci/titolo:Piccoli grandi demolitori/

15)-Enhancing the Light Harvesting Capability of a Photosynthetic Reaction Center by a Tailored Molecular Fluorophore

Francesco Milano; Rocco Roberto Tangorra; Omar Hassan Omar; Roberta Ragni; Alessandra Operamolla; Angela Agostiano; Gianluca M Farinola; Massimo TrottaSUBJECTPhotosynthetsisSUBJECTArtificial PhotosynthesisSUBJECTBiohybrid organic-biological systems
Angewandte Chemie (Int. ed., Print) 51 (2012): 11019–11023.
https://dx.doi.org/10.1002/anie.201203404

16)-Phospholipid film in electrolyte-gated organic field-effect transistors

Serafina Cotrone a; Marianna Ambrico b; Henrik Toss c; M. Daniela Angione a; Maria Magliulo a; Antonia Mallardi d; Magnus Berggren c; Gerardo Palazzo a; Gilles Horowitz e; Teresa Ligonzo f; Luisa Torsi aSUBJECTElectrolyte-gated field-effect transistorsSUBJECTPhospholipid layersSUBJECTPoly-3-hexyl-thiophene (P3HT)SUBJECTElectrochemical impedance spectroscopy
Organic electronics (Print) 13 (2012): 638–644.
https://dx.doi.org/10.1016/j.orgel.2012.01.002

17)-Phase Transfer of CdS Nanocrystals Mediated by Heptamine beta-Cyclodextrin

Depalo; Nicoletta; Comparelli; Roberto; Huskens; Jurriaan; Ludden; Manon J. W.; Perl; Andras; Agostiano; Angela; Striccoli; Marinella; Curri; M. LuciaSUBJECTMULTIVALENT SUPRAMOLECULAR INTERACTIONSSUBJECTHOST-GUEST INTERACTIONSSUBJECTQUANTUM DOTSSUBJECTMOLECULAR PRINTBOARDSSUBJECTALPHA-CYCLODEXTRINSUBJECTWATERSUBJECTGOLDSUBJECTTHERMODYNAMICSSUBJECTNANOPARTICLESSUBJECTRECOGNITION

Langmuir 28 (2012): 8711–8720.

https://dx.doi.org/10.1021/la3007469

18)-Percolating networks of TiO2 nanorods and carbon for high power lithium insertion electrodes

Bresser Dominic; Paillard Elie; Binetti Enrico; Krueger Steffen; Striccoli Marinella; Winter Martin; Passerini Stefano

Journal of power sources (Print) 206 (2012): 301–309.

https://dx.doi.org/10.1016/j.jpowsour.2011.12.051

19)-Spectroscopic Study on Imidazolium-Based Ionic Liquids: Effect of Alkyl Chain Length and Anion

Binetti; Enrico; Panniello; Annamaria; Triggiani; Leonardo; Tommasi; Raffaele; Agostiano; Angela; Curri; Maria Lucia; Striccoli; Marinella

The journal of physical chemistry. B 116 (2012): 3512–3518.

https://dx.doi.org/10.1021/jp300517h

20)-Surface chemical functionalization of single walled carbon nanotubes with a bacteriorhodopsin mutant

Ingrosso; C.; Bianco; G.V.; Lopalco; P.; Tamborra; M.; Curri; M.L.; Corcelli; A.; Bruno; G.; Agostiano; A.; Siciliano; P.; Striccoli; M.

Nanoscale (Print) 4 (2012): 6434–6441.

https://dx.doi.org/10.1039/c2nr31999c

21)-Near Infrared Emission from Monomodal and Bimodal PbS Nanocrystal Superlattices

Corricelli, M (Corricelli, Michela)1; Enrichi, F (Enrichi, Francesco)3,4; Altamura, D (Altamura, Davide)5; De Caro, L (De Caro, Liberato)5; Giannini, C (Giannini, Cinzia)5; Falqui, A (Falqui, Andrea)6; Agostiano, A (Agostiano, Angela)1,2; Curri, ML (Curri, M. Lucia)1; Striccoli, M (Striccoli, Marinella)1SUBJECTTIME-RESOLVED PHOTOLUMINESCENCE; LIGHT-EMITTING-DIODES; QUANTUM DOTS; SEMICONDUCTOR NANOCRYSTALS; MONODISPERSE NANOCRYSTALS; BINARY SUPERLATTICES; POLYMER; ELECTROLUMINESCENCE; SPECTROSCOPY; PBSE/PBS

The Journal of Physical Chemistry C 116 (2012): 6143–6152.

http://www.cnr.it/prodotto/i/190596

info:cnr-pdr/source/autori:Corricelli, M (Corricelli, Michela)1; Enrichi, F (Enrichi, Francesco)3,4; Altamura, D (Altamura, Davide)5; De Caro, L (De Caro, Liberato)5; Giannini, C (Giannini, Cinzia)5; Falqui, A (Falqui, Andrea)6; Agostiano, A (Agostiano, Angela)1,2; Curri, ML (Curri, M. Lucia)1; Striccoli, M (Striccoli, Marinella)1/titolo:Near Infrared Emission from Monomodal and Bimodal PbS Nanocrystal Superlattices/

22)-Polyelectrolyte Multilayers As a Platform for Luminescent Nanocrystal Patterned Assemblies

Fanizza; Elisabetta; Altomare; Michele; Di Mauro; A. Evelyn; Del Sole; Teresa; Corricelli; Michela; Depalo; Nicoletta; Comparelli; Roberto; Agostiano; A.; Striccoli; Marinella; Curri; M. LuciaSUBJECTQUARTZ-CRYSTAL MICROBALANCESUBJECTCHEMICAL-VAPOR-DEPOSITIONSUBJECTCDSE/ZNS QUANTUM DOTSSUBJECTSEMICONDUCTOR NANOCRYSTALSSUBJECTWATERSUBJECTMONOLAYERSSUBJECTFILMSSUBJECT NANOPARTICLESSUBJECTSILICONSUBJECTADSORPTION

Langmuir 28 (2012): 5964–5974.

https://dx.doi.org/10.1021/la300213n

23)-Bromopyruvate mediates autophagy and cardiolipin degradation to monolyso-cardiolipin in GL15 glioblastoma cells

Davidescu, Magdalena; Sciaccaluga, Miriam; MacChioni, Lara; Angelini, Roberto; Lopalco, Patrizia; Rambotti, Maria Grazia; Roberti, Rita; Corcelli, Angela; Castigli, Emilia; Corazzi, L.SUBJECTAutophagySUBJECTBromopyruvateSUBJECTCardiolipinSUBJECTCytochrome cSUBJECTGlioblastoma cellsSUBJECTLyso-cardiolipin

Journal of bioenergetics and biomembranes 44 (2012): 51–60.

https://dx.doi.org/10.1007/s10863-012-9411-x

24)-Novel ether lipid cardiolipins in archaeal membranes of extreme haloalkaliphiles

Angelini, Roberto; Corral, Paulina; Lopalco, Patrizia; Ventosa, Antonio; Corcelli, AngelaSUBJECTArchaeaSUBJECTCardiolipinSUBJECTEther lipidsSUBJECTIsopranoid chainsSUBJECTMALDI-TOF/MSSUBJECTNatronococcus

Biochimica et biophysica acta. Biomembranes 1818 (2012): 1365–1373.

https://dx.doi.org/10.1016/j.bbamem.2012.02.014

25)-Morphology, biophysical properties and protein-mediated fusion of archaeosomes

Sustar, Vid; Zelko, Jasna; Lopalco, Patrizia; Lobasso, Simona; Ota, Ajda; Ulrih, Nata?a Poklar; Corcelli, Angela; Kralj-Igli?, Veronika

PloS one 7 (2012).

https://dx.doi.org/10.1371/journal.pone.0039401

26)-Coupled TLC and MALDI-TOF/MS analyses of the lipid extract of the hyperthermophilic archaeon pyrococcus furiosus

Lobasso, Simona; Lopalco, Patrizia; Angelini, Roberto; Vitale, Rita; Huber, Harald; Müller, Volker Steffen; Corcelli, Angela
Archaea 2012 (2012).
https://dx.doi.org/10.1155/2012/957852

27)-Lipidomics of intact mitochondria by MALDI-TOF/MS
Angelini, Roberto; Vitale, Rita; Patil, Vinay A.; Cocco, Tiziana; Ludwig, Bernd; Greenberg, Miriam L.; Corcelli, AngelaSUBJECT9-AminoacridineSUBJECTCardiolipinSUBJECTHeartSUBJECTMatrix-assisted laser desorption/ionization time-of-flight mass spectrometrySUBJECTParacoccus denitrificansSUBJECTYeast
Journal of lipid research (Print) 53 (2012): 1417–1425.
https://dx.doi.org/10.1194/jlr.D026203

28)-SPECIAL SECTION: MICRO AND NANO TECHNOLOGIES FOR PROBE-BASED MICROSCOPY
Curri, Lucia; Fedder, Gary; Pruitt, Beth L.
Micro & nano letters 7 (2012): 296–296.
https://dx.doi.org/10.1049/mnl.2012.0244

29)-Meso-Crystallographic Study of a Three-Dimensional Self-Assembled Bimodal Nanocrystal Superlattice
Altamura, Davide; De Caro, Liberato; Corricelli, Michela; Falqui, Andrea; Striccoli, Marinella; Curri, M. Lucia; Giannini, Cinzia
Crystal growth & design 12 (2012): 1970–1976.
https://dx.doi.org/10.1021/cg201682s

30)-Nanocrystalline TiO2 based films onto fibers for photocatalytic degradation of organic dye in aqueous solution
2) Panniello A.; 2) Curri L.; 4) Diso D.; 4) Licciulli A.; 1) Locaputo V.; 2-3) Agostiano A.; 2) Comparelli R.; 1) Mascolo G.SUBJECTTiO2 colloidal nanocrystalsSUBJECTTiO2 Degussa P25SUBJECTSupported nano-sized TiO2SUBJECTDegradation of organic dye
Applied catalysis. B, Environmental (Print) 121-122 (2012): 190–197.
https://dx.doi.org/10.1016/j.apcatb.2012.03.019

31)-Instrumental and multivariate statistical analyses for the characterisation of the geographical origin of Apulian virgin olive oils
Longobardi, F.; Ventrella, A.; Casiello, G.; Sacco, D.; Catucci, L.; Agostiano, A.; Kontominas, M. G.SUBJECTVirgin olive oilSUBJECTOil quality parametersSUBJECTMultivariate statistical analysisSUBJECTGeographical origin
Food chemistry 133 (2012): 579–584.
https://dx.doi.org/10.1016/j.foodchem.2012.01.059

32)-Light induced transmembrane proton gradient in artificial lipid vesicles reconstituted with photosynthetic reaction centers

Francesco Milano; Massimo Trotta; Márta Dorogi; Béla Fischer; Livia Giotta; Angela Agostiano; Péter Maróti; László Kálmán; László NagySUBJECTReaction centersSUBJECTProton motive forceSUBJECTIonophoresSUBJECTPyranine

Journal of bioenergetics and biomembranes (Dordr., Online) 44 (2012): 373–384.

https://dx.doi.org/10.1007/s10863-012-9435-2

33)-Interfacial electronic effects in functional biolayers integrated into organic field-effect transistors

Angione, Maria Daniela; Cotrone, Serafina; Magliulo, M (Magliulo, Maria)1; Mallardi, A (Mallardi, Antonia)3; Altamura, D (Altamura, Davide)2; Giannini, C (Giannini, Cinzia)2; Cioffi, N (Cioffi, Nicola)1; Sabbatini, L (Sabbatini, Luigia)1; Fratini, E (Fratini, Emiliano)4,5; Baglioni, P (Baglioni, Piero)4,5; Scamarcio, G (Scamarcio, Gaetano)1,6; Palazzo, G (Palazzo, Gerardo)1; Torsi, L (Torsi, Luisa)1,2SUBJECTorganic electronics | analytical bioassay | electronic biodetection

Proceedings of the National Academy of Sciences of the United States of America 27 (2012): 911–916.

https://dx.doi.org/10.1073/pnas.1200549109

34)-Near Infrared Emission from Monomodal and Bimodal PbS Nanocrystal Superlattices

Corricelli, Michela; Enrichi, Francesco; Altamura, Davide; De Caro, Liberato; Giannini, Cinzia; Falqui, Andrea; Agostiano, Angela; Curri, M. Lucia; Striccoli, MarinellaSUBJECTnear infraredSUBJECTPbSSUBJECTnanocrystals

Journal of physical chemistry. C 116 (2012): 6143–6152.

https://dx.doi.org/10.1021/jp300509f

35)-Nanocomposites based on highly luminescent nanocrystals and semiconducting conjugated polymer for inkjet printing

Binetti E; Ingrosso C; Striccoli M; Cosma P; Agostiano A; Pataky K; Brugger J; Curri M LSUBJECT.

Nanotechnology (Bristol, Online) 23 (2012).

http://www.cnr.it/prodotto/i/274023

info:cnr-pdr/source/autori:Binetti E, Ingrosso C, Striccoli M, Cosma P, Agostiano A, Pataky K, Brugger J, Curri M L/titolo:Nanocomposites based on highly luminescent nanocrystals and semiconducting conjugated polymer for inkjet printing/

36)-Nanosized optoelectronic devices based on photoactivated proteins

Alice Dimonte; Stefano Frache; Victor Erokhin; Gianluca Piccinini; Danilo Demarchi; Francesco Milano; Giovanni De Micheli; Sandro CarraraSUBJECTActive moleculesSUBJECTBacteriorhodopsin (bR)SUBJECTCharge separationsSUBJECTContact pointsSUBJECTDrop casting

Biomacromolecules 13 (2012): 3503–3509.
https://dx.doi.org/10.1021/bm301063m

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

1)-Space resolved relaxation dynamics of poly(vinyl acetate) close to interfaces with SiOx nanoinclusions

M. Labardi; D. Prevosto; H.K. Nguyen; M. Lucchesi; E. Fanizza; N. Depalo; M. Striccoli

6th International Conference on Times of Polymers (TOP) and Composites, pp. 217, Ischia (NA) Italy, 10/06/2012

https://dx.doi.org/10.1063/1.4738448

info:cnr-pdr/source/autori:M. Labardi, D. Prevosto, H.K. Nguyen, M. Lucchesi, E. Fanizza, N. Depalo, M. Striccoli/congresso_nome:6th International Conference on Times of Polymers (TOP) and Composites/congresso_luogo:Ischia (NA) Italy/congresso_data:10/06/2012/anno:2012/pagina_da:217/pagina_a:/intervallo_pagine:217

2)-Biosensors Based on Immobilization of Proteins in Supramolecular Assemblies for the Detection of Environmental Relevant Analytes

Rosa Pilolli a; Maria Daniela Angione a; Serafina Cotrone a; Maria Magliulo a; Gerardo Palazzo a; Nicola Cioffi a; Luisa Torsi a; Antonia Mallardi b.

Biosensors and environmental health, edited by Victor R. Preedy and Vinood Patel Editors; CRC Press, pp. 209–229, 2012

http://www.cnr.it/prodotto/i/238843

info:cnr-pdr/source/autori:Rosa Pilolli a; Maria Daniela Angione a; Serafina Cotrone a; Maria Magliulo a; Gerardo Palazzo a; Nicola Cioffi a; Luisa Torsi a; and Antonia Mallardi b./titolo:Biosensors Based on Immobilization of Proteins in Supramolecular Assemblies for the Detection of Environmental Relevant Analytes/titolo_volume:Biosensors and environmental health/curatori_volume:Victor R. Preedy and Vinood Patel Editors; CRC Press/editore:/anno:2012

3)-Artificial Photosynthetic Systems

P. Maróti; M. TrottaSUBJECTArtificial Photosynthesis

CRC Handbook of Organic Photochemistry and Photobiology 3rd Edition, edited by Axel Griesbeck , Michael Oelgemöller and Francesco Ghetti, pp. 1289–1324. Boca Raton: CRC press, 2012

https://dx.doi.org/10.1201/b12252-56

info:cnr-pdr/source/autori:P. Maróti, M. Trotta/titolo:Artificial Photosynthetic Systems/titolo_volume:CRC Handbook of Organic Photochemistry and Photobiology 3rd Edition/curatori_volume:Axel Griesbeck , Michael Oelgemöller and Francesco Ghetti/editore:

/anno:2012

4)-Enhancing light harvesting capability of the photosynthetic reaction centre by a tailored molecular fluorophore

R. Tangorra; F. Milano; O. Hassan Omar; R. Ragni; A. Operamolla; A. Agostiano; G.M. Farinola; M. Trotta

Congresso Annuale Società Italiana di FotoBiologia, Padova, 14-16 giugno 2012

http://www.cnr.it/prodotto/i/274141

info:cnr-pdr/source/autori:R. Tangorra, F. Milano, O. Hassan Omar, R. Ragni, A. Operamolla, A. Agostiano, G.M. Farinola and M. Trotta/congresso_nome:Congresso Annuale Società Italiana di FotoBiologia/congresso_luogo:Padova/congresso_data:14-16 giugno 2012/anno:2012/pagina_da:/pagina_a:/intervallo_pagine:

5)-A bio-organic hybrid photosynthetic complex for enhanced photoconversion

G.M. Farinola; R. Tangorra; F. Milano; O. Hassan Omar; R. Ragni; A. Operamolla; A. Agostiano; M. Trotta

ELECMOL'12: 6th International Meeting on Molecular Electronics, Grenoble (Fr), 3-7 dicembre

http://www.cnr.it/prodotto/i/274148

info:cnr-pdr/source/autori:G.M. Farinola, R. Tangorra, F. Milano, O. Hassan Omar, R. Ragni, A. Operamolla, A. Agostiano, M. Trotta/congresso_nome:ELECMOL'12: 6th International Meeting on Molecular Electronics/congresso_luogo:Grenoble (Fr)/congresso_data:3-7 dicembre/anno:2012/pagina_da:/pagina_a:/intervallo_pagine:

6)-Enhancing light harvesting capability of the photosynthetic reaction centre by a tailored molecular fluorophore

R. Tangorra; F. Milano; O. Hassan Omar; R. Ragni; A. Operamolla; A. Agostiano; G.M. Farinola; M. Trotta

European Society for Photobiology - ESP PHOTOBIOLOGY SCHOOL, Brixen/Bressanone, 18-23 giugno

http://www.cnr.it/prodotto/i/274153

info:cnr-pdr/source/autori:R. Tangorra, F. Milano, O. Hassan Omar, R. Ragni, A. Operamolla, A. Agostiano, G.M. Farinola and M. Trotta/congresso_nome:European Society for Photobiology - ESP PHOTOBIOLOGY SCHOOL/congresso_luogo:Brixen/Bressanone/congresso_data:18-23 giugno/anno:2012/pagina_da:/pagina_a:/intervallo_pagine:

7)-Assembly of gold nanorods for highly sensitive detection of heavy metals

Placido; Tiziana; Comparelli; Roberto; Striccoli; Marinella; Agostiano; Angela; Merkoci; Arben; Lucia Curri; M.SUBJECTMERCURY IONSSUBJECTNANOPARTICLES

11th IEEE Sensors Conference, pp. 672–675, Taipei, TAIWAN,, OCT 28-31, 2012

urn:isbn:978-1-4577-1766-6

info:cnr-pdr/source/autori:Placido, Tiziana and Comparelli, Roberto and Striccoli, Marinella and Agostiano, Angela and Merkoci, Arben and Lucia Curri, M./congresso_nome:11th IEEE Sensors Conference/congresso_luogo:Taipei, TAIWAN,/congresso_data:OCT 28-31, 2012/anno:2012/pagina_da:672/pagina_a:675/intervallo_pagine:672–675

8)-Patent number WO2012163426: ELECTRODE MATERIAL FOR LITHIUM AND LITHIUM ION BATTERIES

WO2012163426:, Internazionale
http://patentscope.wipo.int/search/en/WO2012163426

9)-Photocatalytic activity of TiO2 based nanocatalyst for antibiotic degradation

Petronella F and Diomede S and Mascolo G and Agostiano A and Curri M L and COMPARELLI R.
SPEA 7, Porto, PT, 2012
http://www.cnr.it/prodotto/i/274977

info:cnr-pdr/source/autori:Petronella F and Diomede S and Mascolo G and Agostiano A and Curri M L and COMPARELLI R./congresso_nome:SPEA 7/congresso_luogo:Porto, PT/congresso_data:2012/anno:2012/pagina_da:/pagina_a:/intervallo_pagine:

10)-Photocatalytic nanostructured TiO2 for protection of porous and compact stone

A. Pagliarulo; F. Petronella; A. Licciulli; A. Rocca; D. Diso; A.Calia; M. Lettieri; D.Colangiuli; A. Agostiano; M. L. Curri; R. ComparelliSUBJECTTiO2 nanocrystalsSUBJECThydrophilic and hydrophobic treatmentsSUBJECTcalcareous stonesSUBJECTcultural heritage.
12th International Congress on the Deterioration and Conservation of Stone, New York, 22 - 26 October 2012
http://iscs.icomos.org/pdf-files/NewYorkConf/pagletal.pdf

info:cnr-pdr/source/autori:A. Pagliarulo, F. Petronella, A. Licciulli, A. Rocca, D. Diso, A.Calia, M. Lettieri, D.Colangiuli, A. Agostiano, M. L. Curri, R. Comparelli/congresso_nome:12th International Congress on the Deterioration and Conservation of Stone/congresso_luogo:New York/congresso_data:22 - 26 October 2012/anno:2012/pagina_da:/pagina_a:/intervallo_pagine:

11)-Nanomaterial Characterization By Electron Microscopy

Roberto Comparelli
School on "Synthesis and Characterization of Novel Nano-Sized Inorganic Materials", Bari (Italy), 17-22 June
http://www.cnr.it/prodotto/i/312507

info:cnr-pdr/source/autori:Roberto Comparelli/congresso_nome:School on "Synthesis and Characterization of Novel Nano-Sized Inorganic Materials"/congresso_luogo:Bari (Italy)/congresso_data:17-22 June/anno:2012/pagina_da:/pagina_a:/intervallo_pagine:

12)-Surface-Functionalized Inorganic Colloidal Nanocrystals in Functional Nanocomposite Materials for Microfabrication

Ingrosso, Chiara; Striccoli, Marinella; Agostiano, A.; Curri, Maria LuciaSUBJECTBottom-Up approachSUBJECTColloidal nanocrystalsSUBJECTColloidal nanoparticlesSUBJECTNanocompositeSUBJECTPolymerSUBJECTTop-Down approach

Molecules at Work: Selfassembly, Nanomaterials, Molecular Machinery (ed B. Pignataro), edited by B. Pignataro, pp. 263–283. Weinheim: Wiley-VCH Verlag GmbH & Co. KGaA, 2012

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13)-Degradation of iodinated contrast media by solar photo-fenton and photocatalysis with supported TiO2

Mascolo G.; Murgolo S.; Lorusso E.; Comparelli R.; Curri M.L.; Gerbasi R.; Visentin F.SUBJECTinquinanti organici; processi di ossidazione; trattamento acque

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