Papers 2014

1) "Gold(III)-Dithiocarbamato Peptidomimetics in the Forefront of the Targeted Anticancer Therapy: Preclinical Studies against Human Breast Neoplasia"; C. Nardon; S.M. Schmitt; H. Yang; J.Zuo; D. Fregona; Q.Ping Dou; PLOS ONE; 9; -; 2014
2) "A vibrational spectroscopic and modeling study of poly(2,5-benzimidazole) (ABPBI) - phosphoric acid interactions in high temperature PEFC membranes"; G. A. Giffin; F. Conti; S. Lavina; A. Majerus; G. Pace; C. Korte; W. Lehnert; V. Di Noto; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 2776-2784; 2014
3) "Organochalcogen peroxidase mimetics as potential drugs: a long story of a promise still unfulfilled"; Laura Orian;Stefano Toppo; FREE RADICAL BIOLOGY & MEDICINE; 66; 65-74; 2014
4) "Electrocatalysis at palladium nanoparticles: Effect of the support nitrogen doping on the catalytic activation of carbonhalogen bond"; Lorenzo Perini;Christian Durante;Marco Favaro;Stefano Agnoli;Gaetano Granozzi;Armando Gennaro; APPLIED CATALYSIS. B, ENVIRONMENTAL; 144; 300-307; 2014
5) "N-Heterocyclic Dicarbene Iridium(III) Catalysts Enabling Water Oxidation Under Visible Light Irradiation"; A. Volpe; A. Sartorel; C. Tubaro; L. Meneghini; M. Di Valentin; C. Graiff; M. Bonchio; EUROPEAN JOURNAL OF INORGANIC CHEMISTRY; ; 665-675; 2014
6) "Evidence for water-mediated triplet–triplet energy transfer in the photoprotective site of the peridinin–chlorophyll a–protein"; Marilena Di Valentin;Claudia E. Tait;Enrico Salvadori;Laura Orian;Antonino Polimeno;Donatella Carbonera; BIOCHIMICA ET BIOPHYSICA ACTA-BIOENERGETICS; 1837; 85-97; 2014
7) "Indenyl Effect Due to Metal Slippage? In Silico Exploration of Rhodium-Catalyzed Acetylene [2+2+2] Cyclotrimerization"; Laura Orian; Marcel Swart; F. Matthias Bickelhaupt; CHEMPHYSCHEM; 15; 219-228; 2014
8) "Enhanced Hydrogen Production by Photoreforming of Renewable Oxygenates Through Nanostructured Fe2O3 Polymorphs"; Giorgio Carraro; Chiara Maccato; Alberto Gasparotto; Tiziano Montini; Stuart Turner; Oleg I. Lebedev; Valentina Gombac; Gianpiero Adami; Gustaaf Van Tendeloo; Davide Barreca; Paolo Fornasiero; ADVANCED FUNCTIONAL MATERIALS; 24; 372-378; 2014
9) "Tailoring iron(III) oxide nanomorphology by chemical vapor deposition: growth and characterization"; Daniel Peeters; Giorgio Carraro; Chiara Maccato; Harish Parala; Alberto Gasparotto; Davide Barreca; Cinzia Sada; Konstantin Kartaschew; Martina Havenith; Detlef Rogalla; Hans-Werner Becker; Anjana Devi; PHYSICA STATUS SOLIDI. A, APPLICATIONS AND MATERIALS SCIENCE; 211; 316-322; 2014
10) "CVD precursors for transition metal oxide nanostructures: molecular properties, surface behavior and temperature effects"; Gloria Tabacchi; Ettore Fois; Davide Barreca; Alberto Gasparotto; PHYSICA STATUS SOLIDI. A, APPLICATIONS AND MATERIALS SCIENCE; 211; 251-259; 2014
11) "Opening the Pandora's jar of molecule-to-material conversion in chemical vapor deposition: insights from theory"; Gloria Tabacchi; Ettore Fois; Davide Barreca; Alberto Gasparotto; INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY; 114; 1-7; 2014
12) "Hydroxypyridinecarboxylic acid derivatives influencing metal ion levels in the brain: Equilibrium complexation studies with Cu(II) and Zn(II)"; Éva Sija; Nóra Veronika Nagy; Valentina Gandin; Christine Marzano; Tamás Jakusch; Annalisa Dean; Valerio B. Di Marco; Tamás Kiss; POLYHEDRON; 67; 481-489; 2014
13) "Characterization and quantification of N-(3-aminopropyl)-N-dodecyl-1,3-propanediamine biocide by NMR, HPLC/MS and titration techniques"; Andrea Mondin;Sara Bogialli; Alfonso Venzo;Gabriella Favaro; Denis Badocco; Paolo Pastore; CHEMOSPHERE; 95; 379-386; 2014
14) "Nanostructured Pd barrier for low methanol crossover DMFC"; Casalegno A. ; Bresciani F.; Di Noto V.; Casari C.S.; Li Bassi A.; Negro E.; Marchesi R.; Di Fonzo F.; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 2801-2811; 2014
15) "Interplay between morphology and electrochemical performance of “core–shell” electrocatalysts for oxygen reduction reaction based on a PtNix carbon nitride “shell” and a pyrolyzed polyketone nanoball “core”"; E. Negro;S. Polizzi;K. Vezzù;L. Toniolo;G. Cavinato;V. Di Noto; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 2828-2841; 2014

16) "Iodide-conducting plastic crystals based on N,N-dimethyl-2-(methylsilyloxy) ethanaminium cations (MESEAn+) for application in dye-sensitized solar cells"; Bertasi F.; Negro E.;Vezzù K.; Di Noto V.; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 2896-2903; 2014

17) "Synthesis, studies and fuel cell performance of “core–shell” electrocatalysts for oxygen reduction reaction based on a PtNix carbon nitride “shell” and a pyrolyzed polyketone nanoball “core”"; V. Di Noto;E. Negro;S. Polizzi;K. Vezzù;L. Toniolo;G. Cavinato; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 2812-2827; 2014

18) "The effect of different clays on the structure, morphology and degradation behavior of poly (lactic acid)"; R. Neppalli; V. Causin; C. Marega; M. Modesti; R. Adhikari; S. Scholtyssek; S.S. Ray; A. Marigo; APPLIED CLAY SCIENCE; 87; 278-284; 2014

19) "Strong dependence of surface plasmon resonance and surface enhanced Raman scattering on the composition of Au–Fe nanoalloys"; Vincenzo Amendola; Stefano Scaramuzza; Stefano Agnoli; Stefano Polizzi; Moreno Meneghetti; NANOSCALE; 6; 1423-1433; 2014

20) "Computational Study of Environmental Effects on Torsional Free Energy Surface ofN-Acetyl-N′-methyl-l-alanylamide Dipeptide"; Silvia Carlotto; Mirco Zerbetto; JOURNAL OF CHEMICAL EDUCATION; 91; 96-102; 2014

21) "The proton iron-sulfur cluster environment of the [FeFe]-hydrogenase maturation protein HydF from Thermotoga neapolitana"; Albertini M.; Vallese F.; Di Valentin M.; Berto P.; Giacometti G.M.; Costantini P.; Carbonera D.; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 18574-18582; 2014

22) "Self-welding 1-butene/ethylene copolymers from metallocene catalysts: Structure, morphology, and mechanical properties"; Carla Marega;Stefano Spataro;Elisa Fassone;Isabella Camurati;Antonio Marigo; JOURNAL OF APPLIED POLYMER SCIENCE; 131; n/a-n/a; 2014

23) "A calorimetric study of the hydrolysis and peroxide complex formation of the uranyl(vi) ion"; Pier Luigi Zanonato;Plinio Di Bernardo;Ingmar Grenthe; DALTON TRANSACTIONS; 43; 2378-2383; 2014

24) "Coordination ability of free or silica immobilized Schiff bases towards Hg(II), Cd(II) and Pb(II) ions"; Andrea Magro;Laura Crociani;Cristina Prinzivalli;Pietro Alessandro Vigato;Pier Luigi Zanonato;Sergio Tamburini; INORGANICA CHIMICA ACTA; 410; 29-38; 2014

25) "Synthesis, Spectroscopic and Photophysical Characterization and Photosensitizing Activity Toward Prokaryotic and Eukaryotic Cells of Porphyrin-Magainin and –Buforin Conjugates"; R. Dosselli; R. Ruiz-González; F. Moret; V. Agnolon; C. Compagnin; M. Mognato; V. Sella; M. Agut; S. Nonell; M. Gobbo; E. Reddi; JOURNAL OF MEDICINAL CHEMISTRY; 57; 1403-1415; 2014

26) "Interaction of H2@C60 and Nitroxide through Conformationally Constrained Peptide Bridges"; Luca Garbuio; Yongjun Li; Sabrina Antonello; Jose A. Gascón; Ronald G. Lawler; Xuegong Lei; Yasujiro Murata; Nicholas J. Turro; Flavio Maran; PHOTOCHEMISTRY AND PHOTOBIOLOGY; 90; 439-447; 2014

27) "Reductive Deprotection of Monolayer Protected Nanoclusters: An Efficient Route to Supported Ultrasmall Au Nanocatalysts for Selective Oxidation"; Sayantani Das; Anandarup Goswami; Mahdi Hesari; Jafar F. Al-Sharab; Eliska Mikmekova; Flavio Maran; Tewodros Asefa; SMALL; ; 1473-1478; 2014

28) "Role of gamma carboxylated Glu47 in connexin 26 hemichannel regulation by extracellular Ca2+: Insight from a local quantum chemistry study"; F. Zonta; F. Mammano; M. Torsello; N. Fortunati; L. Orian; A. Polimeno; BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS; 445; 10-15; 2014

29) "Viologen-based ionic liquid crystals: induction of a smectic A phase by dimerisation"; Girolamo Casella;Valerio Causin;Federico Rastrelli;Giacomo Saielli; PHYSICAL CHEMISTRY CHEMICAL PHYSICS; 16; 5048-5051; 2014

30) "DJ-1 is a copper chaperone acting on SOD1 activation."; Girotto S;Cendron L;Bisaglia M;Tessari I;Mammi S;Zanotti G;Bubacco L; THE JOURNAL OF BIOLOGICAL CHEMISTRY; 289; 10887-10899; 2014

31) "Structure and special chemical reactivity of interface-stabilized cerium oxide nanolayers on TiO2(110)"; Stefano Agnoli;Askia E. Reeder;Sanjaya D. Senanayake;Jan Hrbek;José A. Rodriguez; NANOSCALE; 6; 800-; 2014

32) "TiO2/graphene nanocomposites from the direct reduction of graphene oxide by metal evaporation"; Marco Favaro;Stefano Agnoli;Cristiana Di Valentin;Cecilia Mattevi;Mattia Cattelan;Luca Artiglia;Elena Magnano;Federica Bondino;Silvia Nappini;Gaetano Granozzi; CARBON; 68; 319-329; 2014

33) "Beyond Platinums: Gold Complexes as Anticancer Agents"; Chiara Nardon ; Giulia Boscutti ; Fregona Dolores; ANTICANCER RESEARCH; 34; 487-492; 2014

34) "Positive graphene by chemical design: tuning supramolecular strategies for functional surfaces"; Caroline Hadad;Xiaoxing Ke;Mauro Carraro;Andrea Sartorel;Carla Bittencourt;Gustaaf Van Tendeloo;Marcella Bonchio;Mildred Quintana;Maurizio Prato; CHEMICAL COMMUNICATIONS; 50; 885-887; 2014

35) "Effect of steam on the structural and morphological stability of renewable poly(ether-block-amide)s"; S. Todros;A. N. Natali; G. Pace;V. Di Noto; JOURNAL OF POLYMER SCIENCE. PART B, POLYMER PHYSICS; 52; 409-418; 2014

36) "Electrocatalytic reduction of bromothiophenes on gold and silver electrodes: An example of synergy in electrocatalysis"; Serena Arnaboldi;Alberto Bonetti;Ester Giussani;Patrizia Romana Mussini;Tiziana Benincori;Simona Rizzo;Abdirisak Ahmed Isse;Armando Gennaro; ELECTROCHEMISTRY COMMUNICATIONS; 38; 100-103; 2014

37) "Aqueous RDRP in the Presence of Cu0: The Exceptional Activity of CuI Confirms the SARA ATRP Mechanism"; Dominik Konkolewicz; Pawel Krys; Joana R. Góis; Patrícia V. Mendonça; Mingjiang Zhong; Yu Wang; Armando Gennaro; Abdirisak A. Isse;Marco Fantin;Krzysztof Matyjaszewski; MACROMOLECULES; 47; 560-570; 2014

38) "Communication: From rods to helices: Evidence of a screw-like nematic phase"; Hima Bindu Kolli; Elisa Frezza; Giorgio Cinacchi; Alberta Ferrarini; Achille Giacometti; Toby S. Hudson; THE JOURNAL OF CHEMICAL PHYSICS; 140; 1-5; 2014

39) "From the Molecular Structure to Spectroscopic and Material Properties: Computational Investigation of a Bent-Core Nematic Liquid Crystal"; Cristina Greco; Alberto Marini; Elisa Frezza; Alberta Ferrarini; CHEMPHYSCHEM; 15; 1336-1344; 2014

40) "Sol–gel silica coating for potash–lime–silica stained glass: Applicability and protective effect"; Monica De Bardi; Herbert Hutter; Manfred Schreiner; Renzo Bertoncello; JOURNAL OF NON-CRYSTALLINE SOLIDS; 390; 45-50; 2014

41) "Fundamental aspects of molecular plating and production of smooth crack-free Nd targets"; A. Vascon; S. Santi; A. A. Isse; T. Reich; J. Drebert; H. Christ; K. Eberhardt; Ch. E. Dullmann; JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY; 299; 1085-1091; 2014

42) "Structurally Tunable Self-Assembled 2D Cocrystals of C60 and Porphyrins on the Ag (110) Surface"; Francesco Sedona; Marco Di Marino; Andrea Basagni; Luciano Colazzo; Mauro Sambi; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 1587-1593; 2014

43) "Lifetime Shortening and Fast Energy-Tansfer Processes upon Dimerization of a A-π-D-π-A Molecule"; Elisabetta Collini;Luca Bolzonello;Mirco Zerbetto;Camilla Ferrante;Norberto Manfredi;Alessandro Abbotto; CHEMPHYSCHEM; 15; 310-319; 2014

44) "A microfluidic optical beam steerer"; Nicola Rossetto;Camilla Ferrante; MICROFLUIDICS AND NANOFLUIDICS; 16; 47-53; 2014

45) "Chemical Tuning versus Microstructure Features in Solid-State Gas Sensors: LaFe1-xGaxO3, a Case Study"; M.M. Natile; A. Ponzoni; I. Concina; A. Glisenti; CHEMISTRY OF MATERIALS; ; 1505-1513; 2014

46) "Fe2O3-CuO Nanocomposites Prepared by a Two-step Vapor Phase Strategy and Analyzed by XPS"; Giorgio Carraro;Alberto Gasparotto;Chiara Maccato;Daniel Peeters;Davide Barreca; SURFACE SCIENCE SPECTRA; 21; 1-9; 2014

47) "Templating the Self-Assembly of Pristine Carbon Nanostructures in Water"; Miriam Mba;Ana I. Jiménez;Alessandro Moretto; CHEMISTRY-A EUROPEAN JOURNAL; 20; 3888-3893; 2014

48) "SERS Properties of Gold Nanorods at Resonance with Molecular, Transverse, and Longitudinal Plasmon Excitations"; Ida Ros;Tiziana Placido;Vincenzo Amendola;Chiara Marinzi;Norberto Manfredi;Roberto Comparelli;Marinella Striccoli;Angela Agostiano;Alessandro Abbotto;Danilo Pedron;Roberto Pilot;Renato Bozio; PLASMONICS; ; -; 2014

49) "A fulleropyrrolidine–squaraine blue dyad: synthesis and application as an organic light detector"; Patrizio Salice;Elisabetta Ronchi;Antonio Iacchetti;Maddalena Binda;Dario Natali;Widianta Gomulya;Marianna Manca;Maria Antonietta Loi;Matteo Iurlo;Francesco Paolucci;Michele Maggini;Giorgio A. Pagani;Luca Beverina;Enzo Menna; JOURNAL OF MATERIALS CHEMISTRY. C; 2; 1396-1399; 2014

50) "An insight into the functionalisation of carbon nanotubes by diazonium chemistry: Towards a controlled decoration"; Patrizio Salice;Enrica Fabris;Camillo Sartorio;Davide Fenaroli;Viviana Figà;Maria Pia Casaletto;Sebastiano Cataldo;Bruno Pignataro;Enzo Menna; CARBON; 74; 73-82; 2014

51) "Synthesis and Reactivity of Cationic Bis(N-Heterocyclic Dicarbene) Ruthenium(II) Complexes"; C. Tubaro; D. Bertinazzo; M. Monticelli; O. Saoncella; A. Volpe; M. Basato; D. Badocco; P. Pastore; C. Graiff; A. Venzo; EUROPEAN JOURNAL OF INORGANIC CHEMISTRY; 2014; 1524-1532; 2014

52) "Synthesis and Electronic Properties of 1,2-Hemisquarimines and Their Encapsulation in a Cucurbit[7]uril Host"; Christian C. De Filippo;Hao Tang;Luca Ravotto;Giacomo Bergamini;Patrizio Salice;Miriam Mba;Paola Ceroni;Elena Galoppini;Michele Maggini; CHEMISTRY-A EUROPEAN JOURNAL; 20; 6412-6420; 2014

53) "An easy-to-handle microfluidic device suitable for immunohistochemical procedures in mammalian cells grown under flow conditions"; C. Fede; I. Fortunati; L. Petrelli; D. Guidolin; R. De Caro; C. Ferrante; G. Albertin; EUROPEAN JOURNAL OF HISTOCHEMISTRY; 58; 103-106; 2014

54) "Magneto-Plasmonic Au-Fe Alloy Nanoparticles Designed for Multimodal SERS-MRI-CT Imaging"; Vincenzo Amendola; Stefano Scaramuzza; Lucio Litti; Moreno Meneghetti; Gaia Zuccolotto; Antonio Rosato; Elena Nicolato; Pasquina Marzola; Giulio Fracasso; Cristina Anselmi; Marcella Pinto; Marco Colombatti; SMALL; 10; 2476-2486; 2014

55) "Zr2O3 Nanostripes on TiO2(110) prepared by UHV Chemical Vapor Deposition"; Askia Enrico Reeder; Stefano Agnoli; Gian-Andrea Rizzi; Gaetano Granozzi; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 8026-8033; 2014

56) "Photoprotective sites in the violaxanthin-chlorophyll a binding Protein (VCP) from Nannochloropsis gaditana."; Carbonera D;Agostini A;Di Valentin M;Gerotto C;Basso S;Giacometti GM;Morosinotto T; BIOCHIMICA ET BIOPHYSICA ACTA; ; -; 2014

57) "Predicting the spin state of paramagnetic iron complexes by DFT calculation of proton NMR spectra"; Andrea Borgogno;Federico Rastrelli;Alessandro Bagno; DALTON TRANSACTIONS; 43; 9486-9496; 2014

58) "Handedness preference and switching of peptide helices. Part I: Helices based on protein amino acids"; M. De Zotti;F. Formaggio;M. Crisma;C. Peggion;A. Moretto;C. Toniolo; JOURNAL OF PEPTIDE SCIENCE; 20; 307-322; 2014

59) "Synthesis and Conformational Study of Model Peptides Containing N-Substituted 3-Aminoazetidine-3-carboxylic Acids"; A. Zukauskaite;A. Moretto;C. Peggion;M. De Zotti;A. Sackus;F. Formaggio;N. D. Kimpe;S. Mangelinckx; EUROPEAN JOURNAL OF ORGANIC CHEMISTRY; 2014; 2312-2321; 2014

60) "A Quaternary Nitronyl Nitroxide alpha-Amino Acid: Synthesis, Configurational and Conformational Assignments, and Physicochemical Properties"; K. Wright;E. d'Aboville;J. Scola;T. Margola;A. Toffoletti;M. De Zotti;M. Crisma;F. Formaggio;C. Toniolo; EUROPEAN JOURNAL OF ORGANIC CHEMISTRY; 2014; 1741-1752; 2014

61) "Mimicking Nature: A Novel Peptide-based Bio-inspired Approach for Solar Energy Conversion"; E. Gatto;A. Quatela;M. Caruso;R. Tagliaferro;M. De Zotti;F. Formaggio;C. Toniolo;A. D. Carlo;M. Venanzi; CHEMPHYSCHEM; 15; 64-68; 2014

62) "Influence of the solvent in the formation of different 1D and 2D coordination polymers from the reaction of copper(II) phthalate with pyrazole"; Corrado Di Nicola;Federica Garau;Arianna Lanza;Magda Monari;Luciano Pandolfo;Claudio Pettinari;Alberto Zorzi; INORGANICA CHIMICA ACTA; 416; 186-194; 2014

63) "Estimation of the uncertainty of the quantification limit"; Denis Badocco; Irma Lavagnini; Andrea Mondin; Paolo Pastore; SPECTROCHIMICA ACTA, PART B: ATOMIC SPECTROSCOPY; 96; 8-11; 2014

64) "Use of silver/octadecanethiol coating and a reference-gas correction algorithm to minimize the water effect in determining oxygen with a light emission based optical sensor"; Andrea Mondin; Denis Badocco; Paolo Pastore; SENSORS AND ACTUATORS. B, CHEMICAL; 190; 775-781; 2014

65) "Electrochemical activation of carbon–halogen bonds: Electrocatalysis at silver/copper nanoparticles"; Christian Durante;Valentina Perazzolo;Lorenzo Perini;Marco Favaro;Gaetano Granozzi;Armando Gennaro; APPLIED CATALYSIS. B, ENVIRONMENTAL; 158-159; 286-295; 2014

66) "Synthesis and conformational properties of a TOAC doubly spin-labeled analog of the medium-length, membrane active peptaibiotic ampullosporin a as revealed by cd, fluorescence, and EPR spectroscopies"; A. D. Milov; Y. D. Tsvetkov; M. Bortolus; A. L. Maniero; M. Gobbo; C. Toniolo; F. Formaggio; BIOPOLYMERS; 102; 40-48; 2014

67) "Sensitive detection of Ochratoxin A in food and drinks using metal-enhanced fluorescence"; FrancescoTodescato; AgneseAntognoli; AnnaMeneghello; EricaCretaio; Raffaella Signorini; RenatoBozio; BIOSENSORS & BIOELECTRONICS; ; -; 2014

68) "Discrimination of Radiation Quality Through Second Harmonic Out-of-Phase cw-ESR Detection"; Maurizio Marrale;Anna Longo;Maria Brai;Antonio Barbon;Marina Brustolon; RADIATION RESEARCH; 181; 184-192; 2014

69) "Polystyrene/TiO2 composite electrospun fibers as fillers for poly(butylene succinate-co-adipate): Structure, morphology and properties"; Ramesh Neppalli;Valerio Causin;Edmondo Maria Benetti;Suprakas Sinha Ray;Antonella Esposito;Santosh Wanjale;Mallinath Birajdar;Jean-Marc Saiter;Antonio Marigo; EUROPEAN POLYMER JOURNAL; 50; 78-86; 2014

70) "Au25(SEt)18, a Nearly Naked Thiolate-Protected Au25Cluster: Structural Analysis by Single Crystal X-ray Crystallography and Electron Nuclear Double Resonance"; Tiziano Dainese;Sabrina Antonello;José A. Gascón;Fangfang Pan;Neranjan V. Perera;Marco Ruzzi;Alfonso Venzo;Alfonso Zoleo;Kari Rissanen;Flavio Maran; ACS NANO; 8; 3904-3912; 2014

71) "The lysine-specific demethylase 1 is a novel substrate of protein kinase CK2"; Costa R; Arrigoni G; Cozza G; Lolli G; Battistutta R; Izpisua Belmonte JC; Pinna LA; Sarno S; BIOCHIMICA ET BIOPHYSICA ACTA; 1844; 722-729; 2014

72) "Cell-permeable dual inhibitors of protein kinases CK2 and PIM-1: structural features and pharmacological potential"; Cozza G; Girardi C; Ranchio A; Lolli G; Sarno S; Orzeszko A; Kazimierczuk Z; Battistutta R; Ruzzene M; Pinna LA; CELLULAR AND MOLECULAR LIFE SCIENCES; ; -; 2014

73) "Synthesis and Functionalization of Corroles. An Insight on Their Nonlinear Optical Absorption Properties"; C. I. M. Santos; J. F. B. Barata; M. J. F. Calvete; L. S. H. Vale; D. Dini; M. Meneghetti; M. G. P. Neves; M. A. F. Faustino; A. C. Tome; J. A. S. Cavaleiro; CURRENT ORGANIC SYNTHESIS; 11; 29-41; 2014

74) "Evaluation of 1,2-dimethyl-3-hydroxy-4-pyridinecarboxylic acid and of other 3-hydroxy-4-pyridinecarboxylic acid derivatives for possible application in iron and aluminium chelation therapy"; A. Dean; M.G. Ferlin; M. Cvijovic; P. Djurdjevic; F. Dotto; D. Badocco; P. Pastore; A. Venzo; V.B. Di Marco; POLYHEDRON; 67; 520-528; 2014

75) "Charge Transfer Properties in Cyclopenta[l]phenanthrene Ferrocenyl Complexes"; Alessandro Donoli;Annalisa Bisello;Roberta Cardena;Cristina Prinzivalli;Marco Crisma;Saverio Santi; ORGANOMETALLICS; 33; 1135-1143; 2014

76) "Ligand tuning of single-site manganese-based catalytic antioxidants with dual superoxide dismutase and catalase activity"; Grau, Michaela; Rigodanza, Francesco; White, Andrew J. P.; Sorarù, Antonio; Carraro, Mauro; Bonchio, Marcella; Britovsek, George J. P.; CHEMICAL COMMUNICATIONS; 50; 4607-4609; 2014

77) "Bromide Ion Exchange with a Keggin Polyoxometalate on Functionalized Polymeric Membranes: A Theoretical and Experimental Study"; G. De Luca; F. Bisignano; A. Figoli; F. Galiano; E. Furia;R. Mancuso; O. Saoncella; M. Carraro; M. Bonchio; B. Gabriele; JOURNAL OF PHYSICAL CHEMISTRY. B, CONDENSED MATTER, MATERIALS, SURFACES, INTERFACES & BIOPHYSICAL; 118; 2396-2404; 2014

78) "Preparation, characterization and application of iron (III)-loaded chitosan hollow fiber membranes as a new bio-based As (V) sorbent"; M. S. Seyed Dorraji;A. Mirmohseni;F. Tasselli;A. Criscuoli;M. Carraro;S. Gross;A. Figoli; JOURNAL OF POLYMER RESEARCH; 21; 399-411; 2014

79) "Transfer Hydrogenation Catalysis by a N-Heterocyclic Carbene Iridium Complex on a Polyoxometalate Platform"; Gloria Modugno;Angele Monney;Marcella Bonchio;Martin Albrecht;Mauro Carraro; EUROPEAN JOURNAL OF INORGANIC CHEMISTRY; 2014; 2356-2360; 2014
80) "Supramolecular Design of Low-dimensional Carbon Nano-hybrids encoding a Polyoxometalate-bis-Pyrene Tweezer"; Modugno, Gloria; Syrgiannis, Zois; Bonasera, Aurelio; Carraro, Mauro; Giancane, Gabriele; Valli, Ludovico; Bonchio, Marcella; Prato, Maurizio; CHEMICAL COMMUNICATIONS; 50; 4881-4883; 2014
81) "Chitosan-Polyoxometalate Nanocomposites: Synthesis, Characterization and Application as Antimicrobial Agents"; G. Fiorani;O. Saoncella;P. Kaner;S. A. Altinkaya;A. Figoli;M. Bonchio;M. Carraro; JOURNAL OF CLUSTER SCIENCE; 25; 839-854; 2014
82) "Interaction of hydrophobic and amphipathic antimicrobial peptides with lipid bicelles"; Marco Bortolus;Annalisa Dalzini;Claudio Toniolo;Kyung-Soo Hahm;Anna Lisa Maniero; JOURNAL OF PEPTIDE SCIENCE; ; n/a-n/a; 2014
83) "Efficient Phosphodiester Cleaving Nanozymes Resulting from Multivalency and Local Medium Polarity Control"; Marta Diez-Castellnou; Fabrizio Mancin; Paolo Scrimin; JOURNAL OF THE AMERICAN CHEMICAL SOCIETY; 136; 1158-1161; 2014
84) "Effect of tannin on increasing UF adhesive performance at high temperature investigated by TMA and TGA analysis"; M. Zanetti; V. Causin; R. Saini; A. Cardin; R. Cavalli; HOLZ ALS ROH-UND WERKSTOFF; 72; 385-392; 2014
85) "Zn2+-Regulated Self-Sorting and Mixing of Phosphates and Carboxylates on the Surface of Functionalized Gold Nanoparticles"; C. Pezzato; P. Scrimin; L.J. Prins; ANGEWANDTE CHEMIE. INTERNATIONAL EDITION; 53; 2104-2109; 2014
86) "Porphyrin triplet state as a potential Spin label for nanometer distance measurements by peldor spectroscopy"; Di Valentin M. ; Albertini M.; Zurlo E.; Gobbo M.; Carbonera D.; JOURNAL OF THE AMERICAN CHEMICAL SOCIETY; 136; 6582-6585; 2014
87) "The Unique Photophysical Properties of the Peridinin-Chlorophyll-a-Protein"; Donatella Carbonera;Marilena Di Valentin;Riccardo Spezia;Alberto Mezzetti; CURRENT PROTEIN & PEPTIDE SCIENCE; 15; 332-350; 2014
88) "The chaperone-like protein 14-3-3η interacts with human α-synuclein aggregation intermediates rerouting the amyloidogenic pathway and reducing α-synuclein cellular toxicity."; Plotegher N;Kumar D;Tessari I;Brucale M;Munari F;Tosatto L;Belluzzi E;Greggio E;Bisaglia M;Capaldi S;Aioanei D;Mammi S;Monaco HL;Samorì B;Bubacco L; HUMAN MOLECULAR GENETICS; 23; 5615-5629; 2014
89) "Fluorine- and Niobium-Doped TiO2: Chemical and Spectroscopic Properties of Polycrystalline n-Type-Doped Anatase"; Jakub Biedrzycki;Stefano Livraghi;Elio Giamello;Stefano Agnoli;Gaetano Granozzi; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 8462-8473; 2014
90) "Arylethynyl-Substituted Tristriazolotriazines: Synthesis, Optical Properties, and Thermotropic Behavior"; Stefan Glang; Thorsten Rieth; Dorothee Borchmann; Ilaria Fortunati; Raffaella Signorini; Heiner Detert; EUROPEAN JOURNAL OF ORGANIC CHEMISTRY; 2014; 3116-3126; 2014
91) "Variations of the corona HDL:albumin ratio determine distinct effects of amorphous SiO2 nanoparticles on monocytes and macrophages in serum."; Fedeli C; Segat D; Tavano R; De Franceschi G; Polverino de Laureto P; Lubian E; Selvestrel F; Mancin F; Papini E.; NANOMEDICINE; ; ?-?; 2014
92) "Innovative biofilm inhibition and anti-microbial behavior of molybdenum sulfide nanostructures generated by microwave-assisted solvothermal route"; Nilam Qureshi;Rajendra Patil;Manish Shinde;Govind Umarji;Valerio Causin;Wasudev Gade;Uttam Mulik;Anand Bhalerao;Dinesh P. Amalnerkar; APPLIED NANOSCIENCE; ; -; 2014
93) "Morphological, chemical and crystalline features of urea–formaldehyde resin cured in contact with wood"; Adya P. Singh;Valerio Causin;Arif Nuryawan;Byung-Dae Park; EUROPEAN POLYMER JOURNAL; 56; 185-193; 2014
94) "Electrolytes for quasi solid-state dye-sensitized solar cells based on block copolymers"; Norberto Manfredi;Alberto Bianchi;Valerio Causin;Riccardo Ruffo;Roberto Simonutti;Alessandro Abbotto; JOURNAL OF POLYMER SCIENCE. PART A, POLYMER CHEMISTRY; 52; 719-727; 2014

95) "Preclinical activity of multiple-target gold(III)-dithiocarbamato peptidomimetics in prostate cancer cells and xenografts"; M. Celegato; D. Fregona*; M. Mongiat; L. Ronconi; C. Borghese; V. Canzonieri; N. Casagrande; C. Nardon; A. Colombatti and D. Aldinucci; FUTURE MEDICINAL CHEMISTRY; 6; 1249-1263; 2014

96) "Shaping graphene oxide by Electrochemistry: from Foams to Self-Assembled Molecular Materials"; M. Favaro;S. Agnoli;M. Cattelan;A. Moretto;C. Durante;S. Leonardi;J. Kunze-Liebhäuser;O. Schneider;A. Gennaro;G. Granozzi; CARBON; 77; 405-415; 2014

97) "Silver Nanoprism Arrays Coupled to Functional Hybrid Films for Localized Surface Plasmon Resonance-Based Detection of Aromatic Hydrocarbons"; Laura Brigo; Niccolo Michieli; Luca Artiglia; Carlo Scian; Gian Andrea Rizzi; Gaetano Granozzi; Giovanni Mattei; Alessandro Martucci; Giovanna Brusatin; ACS APPLIED MATERIALS & INTERFACES; 6; 7773-7781; 2014

98) "Mitochondria-targeted resveratrol derivatives act as cytotoxic pro-oxidants."; Sassi N; Mattarei A; Azzolini M; Bernardi P; Szabo I; Paradisi C; Zoratti M; Biasutto L; CURRENT PHARMACEUTICAL DESIGN; 20; -; 2014

99) "Dry- and swollen-state morphology of novel high surface area polymers"; Stefano Sterchele;Paolo Centomo;Marco Zecca;Libuše Hanková;Karel Jeřábek; MICROPOROUS AND MESOPOROUS MATERIALS; 185; 26-29; 2014

100) "Microstructure Development and Dielectric Characterization of Forsterite-Based Ceramics from Silicone Resins and Oxide Fillers"; Enrico Bernardo;Laura Fiocco;Guinevere A. Giffin;Vito Di Noto;Paolo Colombo; ADVANCED ENGINEERING MATERIALS; 16; 806-813; 2014

101) "Single-ion-conducting nanocomposite polymer electrolytes based on PEG400 and anionic nanoparticles: Part 2. Electrical characterization"; Federico Bertasi;Keti Vezzù;Guinevere A. Giffin;Tetiana Nosach;Paul Sideris;Steve Greenbaum;Michele Vittadello;Vito Di Noto; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 2884-2895; 2014

102) "Single-ion-conducting nanocomposite polymer electrolytes based on PEG400 and anionic nanoparticles: Part 1. Synthesis, structure and properties"; Federico Bertasi;Keti Vezzù;Enrico Negro;Steve Greenbaum;Vito Di Noto; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 2872-2883; 2014

103) "ISPE-13 Foreword"; Vito Di Noto;Steve Greenbaum;Eugene Smotkin; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 2715-2716; 2014

104) "Coprecipitation of Oxalates: An Easy and Reproducible Wet-Chemistry Synthesis Route for Transition-Metal Ferrites"; Stefano Diodati;Luca Nodari;Marta Maria Natile;Andrea Caneschi;César de Julián Fernández;Claudia Hoffmann;Stefan Kaskel;Alexandra Lieb;Vito Di Noto;Simone Mascotto;Roberta Saini;Silvia Gross; EUROPEAN JOURNAL OF INORGANIC CHEMISTRY; 2014; 875-887; 2014

105) "Cotton functionalized with peptides: characterization and synthetic methods"; Andrea Orlandin;Fernando Formaggio;Antonio Toffoletti;Cristina Peggion; JOURNAL OF PEPTIDE SCIENCE; 20; 547-553; 2014

106) "The critical role of interfacial dynamics in the stability of organic photovoltaic devices"; G. Grancini;M. De Bastiani;N. Martino;D. Fazzi;H.-J. Egelhaaf;T. Sauermann;M. R. Antognazza;G. Lanzani;M. Caironi;L. Franco;A. Petrozza; PHYSICAL CHEMISTRY CHEMICAL PHYSICS; 16; 8294-8300; 2014

107) "Bulky toroidal and vesicular self-assembled nanostructures from fullerene end-capped rod-like polymers"; D. Mazzier; M. Mba; M. Zerbetto; A. Moretto; CHEMICAL COMMUNICATIONS; 50; 4571-4574; 2014

108) "SARA ATRP or SET-LRP. End of controversy?"; Dominik Konkolewicz;Yu Wang;Pawel Krys;Mingjiang Zhong;Abdirisak A. Isse;Armando Gennaro;Krzysztof Matyjaszewski; POLYMER CHEMISTRY; 5; 4396-4417; 2014

109) "Relating hygroscopicity and optical properties to chemical composition and structure of secondary organic aerosol particles generated from the ozonolysis of alfa-pinene"; C. Denjean;P. Formenti;B. Picquet-Varrault;E. Pangui;P. Zapf;Y. Katrib;C. Giorio;A. Tapparo;A. Monod;B. Temime-Roussel;P. Decorse;C. Mangeney;J. F. Doussin; ATMOSPHERIC CHEMISTRY AND PHYSICS DISCUSSION; 14; 10543-10596; 2014

110) "A nanocellulose–dye conjugate for multi-format optical pH-sensing"; Prashant Chauhan; Caroline Hadad; Ana Herreros-López; Simone Silvestrini; Valeria La Parola; Enrico Frison; Michele Maggini; Maurizio Prato; Tommaso Carofiglio; CHEMICAL COMMUNICATIONS; 50; 9493-9496; 2014

111) "Development and Testing of a Self-Triggered Spark Reactor for Plasma Driven Dry Reforming of Methane"; Volodymyr Shapoval; Ester Marotta; Claudio Ceretta; Nikola Konjevic; Milivoje Ivkovic; Milko Schiorlin; Cristina Paradisi; PLASMA PROCESSES AND POLYMERS; ; n/a-n/a; 2014

112) "Phototransformation of model micropollutants in water samples by photocatalytic singlet oxygen production in heterogeneous medium"; E. Díez-Mato;F.C. Cortezón-Tamarit;S. Bogialli;D. García-Fresnadillo;M.D. Marazuela; APPLIED CATALYSIS. B, ENVIRONMENTAL; 160-161; 445-455; 2014

113) "Surface Immobilization of a Tetra-Ruthenium Substituted Polyoxometalate Water Oxidation Catalyst Through the Employment of Conducting Polypyrrole and the Layer-by-Layer (LBL) Technique"; Nargis Anwar;Andrea Sartorel;Mustansara Yaqub;Kevin Wearen;Fathima Laffir;Gordon Armstrong;Calum Dickinson;Marcella Bonchio;Timothy McCormac; ACS APPLIED MATERIALS & INTERFACES; 6; 8022-8031; 2014

114) "A Co(ii)–Ru(ii) dyad relevant to light-driven water oxidation catalysis"; Alejandro Montellano López;Mirco Natali;Erica Pizzolato;Claudio Chiorboli;Marcella Bonchio;Andrea Sartorel;Franco Scandola; PHYSICAL CHEMISTRY CHEMICAL PHYSICS; 16; 12000-12007; 2014

115) "Target selective micelles for bombesin receptors incorporating Au(III)-dithiocarbamato complexes"; Paola Ringhieri;Roberta Iannitti;Chiara Nardon;Rosanna Palumbo;Dolores Fregona;Giancarlo Morelli;Antonella Accardo; INTERNATIONAL JOURNAL OF PHARMACEUTICS; 473; 194-202; 2014

116) "Mesoscale assembly of chemically modified graphene into complex cellular networks"; Suelen Barg;Felipe Macul Perez;Na Ni;Paula do Vale Pereira;Robert C. Maher;Esther Garcia-Tu?on;Salvador Eslava;Stefano Agnoli;Cecilia Mattevi;Eduardo Saiz; NATURE COMMUNICATIONS; 5; -; 2014

117) "RADICAL DISTRIBUTIONS IN AMMONIUM TARTRATE SINGLE CRYSTALS EXPOSED TO PHOTON AND NEUTRON BEAMS"; M. Marrale; A. Longo; A. Barbon; M. Brustolon; M. Brai; RADIATION PROTECTION DOSIMETRY; 161; 398-402; 2014

118) "A comparative Electron Paramagnetic Resonance study of expanded graphites and graphene"; F. Tampieri; S. Silvestrini; R. Riccò ;M. Maggini; A. Barbon; JOURNAL OF MATERIALS CHEMISTRY. C; 2; 8105-8112; 2014

119) "Simple, common but functional: biocompatible and luminescent rare-earth doped magnesium and calcium hydroxides from miniemulsion"; Erika Butturini;Paolo Dolcet;Maurizio Casarin;Adolfo Speghini;Marco Pedroni;Filippo Benetti;Antonella Motta;Denis Badocco;Paolo Pastore;Stefano Diodati;Luciano Pandolfo;Silvia Gross; JOURNAL OF MATERIALS CHEMISTRY. B; 2; 6639-6651; 2014

120) "A theoretical study of the L3pre-edge XAS in Cu(ii) complexes"; G. Mangione;M. Sambi;M. V. Nardi;M. Casarin; PHYSICAL CHEMISTRY CHEMICAL PHYSICS; 16; 19852-19855; 2014

121) "Double Level Selection in a Constitutional Dynamic Library of Coordination Driven Supramolecular Polygons"; Marzio Rancan;Jacopo Tessarolo;Maurizio Casarin;Pier Luigi Zanonato;Silvio Quici;Lidia Armelao; INORGANIC CHEMISTRY; 53; 7276-7287; 2014

122) "From Vanadia Nanoclusters to Ultrathin Films on TiO2(110): Evolution of the Yield and Selectivity in the Ethanol Oxidation Reaction"; Luca Artiglia;Stefano Agnoli;Letizia Savio;Jagriti Pal;Edvige Celasco;Mario Rocca;Federica Bondino;Elena Magnano;Carla Castellarin-Cudia;Falko P. Netzer;Gaetano Granozzi; ACS CATALYSIS; 4; 3715-3723; 2014

123) "Looking for some free energy? Call JEFREE (…)"; Mirco Zerbetto; Andrea Piserchia; Diego Frezzato; JOURNAL OF COMPUTATIONAL CHEMISTRY; 35; 1865-1881; 2014

124) "Effect of Steam on Structure and Mechanical Properties of Biomedical Block Copolymers"; Todros S.; Venturato C.; Natali A.N.; Pace G.; Di Noto V.; JOURNAL OF POLYMER SCIENCE. PART B, POLYMER PHYSICS; 52; 1337-1346; 2014

125) "Interplay between Nitrogen Concentration, Structure, Morphology, and Electrochemical Performance of PdCoNi "Core-Shell" Carbon Nitride Electrocatalysts for the Oxygen Reduction Reaction"; Negro E.; Vezzu' K.; Bertasi F.; Schiavuta P.; Toniolo L.; Polizzi S.; Di Noto V.; CHEMELECTROCHEM; 1; 1359-1369; 2014

126) "Role of Core-Shell Interfaces on Exciton Recombination in CdSe-CdxZn1-xS Quantum Dots"; Alessandro Minotto; Francesco Todescato; Ilaria Fortunati; Raffaella Signorini; Jacek J. Jasieniak; and Renato Bozio; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 24117-24126; 2014

127) "Extracellular pyrophosphate is reduced in aortic interstitial valve cells acquiring a calcifying profile: Implications for aortic valve calcification"; Marcello Rattazzi;Elisa Bertacco;Laura Iop;Susanna D'Andrea;Massimo Puato;Giacomo Buso;Valerio Causin;Gino Gerosa;Elisabetta Faggin;Paolo Pauletto; ATHEROSCLEROSIS; 237; 568-576; 2014

128) "Highly conducting 3D-hybrid polymer electrolytes for lithium batteries based on siloxane networks and cross-linked organic polar interphases"; Boaretto N.; Bittner A.; Brinkmann C.; Olsowski B.E.; Schulz J.; Seyfried M.; Vezzù K.; Popall M.; Di Noto V; CHEMISTRY OF MATERIALS; 26; 6339-6350; 2014

129) "The SPES remote handling systems"; M. Calderolla; J. Vasquez; R. Silingardi; M. Rossignoli; A. Andrighetto; M. Manzolaro; D. Scarpa; M. Lollo; S. Corradetti; A. Monetti; C. Gobbi; P. Farinello; D. Conventi; L. Boscagli; L. Costa; E. Visentin; M. Poggi; G. Prete; R. Oboe; P. Zanonato; M. Bertocco; P. Nicolosi; G. Meneghetti; A. Tomaselli; M. Guerzoni; R. Michinelli; A. Margotti; I. Cristofolini; A. Mozzi; E. Mariotti; LNL- ANNUAL REPORT; ; -; 2014

130) "Synthesis and characterization of high permeability target prototypes for the SPES project"; S. Corradetti; L. Biasetto; A. Andrighetto; M. Manzolaro; D. Scarpa; M. Lollo; J. Vasquez; M. Rossignoli; R. Silingardi; A. Monetti; M. Calderolla; C. Gobbi; D. Conventi; L. Boscagli; L. Costa; E. Visentin; M. Poggi; G. Prete; R. Oboe; P. Zanonato; M. Bertocco; P. Nicolosi; G. Meneghetti; P. Colombo; A. Tomaselli; P. Farinello; M. Guerzoni; R. Michinelli; A. Margotti; I. Cristofolini; E. Mariotti; LNL- ANNUAL REPORT; ; -; 2014

131) "Amplification of nsec pulses for Laser Resonant Ionization application in SPES project"; P. Farinello; A. Tomaselli; F. Pirzio; A. Agnesi; G. Reali; D. Scarpa; A. Franci; P. Nicolosi; E. Mariotti; M. Rossignoli; A. Andrighetto; M. Manzolaro; M. Lollo; S. Corradetti; J. Vasquez; R. Silingardi; A. Monetti; M. Calderolla; C. Gobbi; D. Conventi; L. Boscagli; L. Costa; E. Visentin; M. Poggi; G. Prete; R. Oboe; P. Zanonato; M. Bertocco; G. Meneghetti; P. Colombo; M. Guerzoni; R. Michinelli; A. Margotti; I. Cristofolini; LNL- ANNUAL REPORT; ; -; 2014

132) "Ionization efficiency measurements for the SPES plasma ion source"; M. Manzolaro; A. Andrighetto; D. Scarpa; M. Lollo; S. Corradetti; J. Vasquez; A. Monetti; M. Rossignoli; M. Calderolla; C. Gobbi; R. Silingardi; P. Farinello; D. Conventi; L. Boscagli; L. Costa; E. Visentin; M. Poggi; G. Prete; R. Oboe; P. Zanonato; M. Bertocco; P. Nicolosi; G. Meneghetti; P. Colombo; A. Tomaselli; M. Guerzoni; R. Michinelli; A. Margotti; I. Cristofolini; E. Mariotti; LNL- ANNUAL REPORT; ; -; 2014

133) "The SPES production target: Calculation using MCNPX code"; A. Monetti; M. Rossignoli; A. Andrighetto; M. Manzolaro; D. Scarpa; M. Lollo; S. Corradetti; J. Vasquez; R. Silingardi; M. Calderolla; C. Gobbi; P. Farinello; D. Conventi; L. Boscagli; L. Costa; E. Visentin; M. Poggi; G. Prete; R. Oboe; P. Zanonato; M. Bertocco; P. Nicolosi; G. Meneghetti; A. Tomaselli; M. Guerzoni; R. Michinelli; A. Margotti; I. Cristofolini; E. Mariotti; F. Sordo; F. Dominghez; LNL- ANNUAL REPORT; ; -; 2014

134) "The SPES electrostatic quadruples triplet"; M. Rossignoli; A. Andrighetto; M. Manzolaro; D. Scarpa; M. Lollo; S. Corradetti; J. Vasquez; R. Silingardi; A. Monetti; M. Calderolla; C. Gobbi; P. Farinello; D. Conventi; L. Boscagli; L. Costa; E. Visentin; M. Poggi; G. Prete; R. Oboe; P. Zanonato; M. Bertocco; P. Nicolosi; G. Meneghetti; A. Tomaselli; M. Guerzoni; R. Michinelli; A. Margotti; I. Cristofolini; E. Mariotti; LNL- ANNUAL REPORT; ; -; 2014

135) "Laser Ablation Characterization in Laboratori Nazionali di Legnaro"; D. Scarpa; A. Franci; P. Farinello; P. Nicolosi; A. Tomaselli; E. Mariotti ;M. Rossignoli; A. Andrighetto; M. Manzolaro; M. Lollo; S. Corradetti; J. Vasquez; R. Silingardi; A. Monetti; M. Calderolla; C. Gobbi; D. Conventi; L. Boscagli; L. Costa; E. Visentin; M. Poggi; G. Prete; R. Oboe; P. Zanonato; M. Bertocco; G. Meneghetti; P. Colombo; M. Guerzoni; R. Michinelli; A. Margotti; I. Cristofolini; LNL- ANNUAL REPORT; ; -; 2014

136) "SPES Off-Line Beam Diagnostic System Using a New Kind of EPICS IOC Based on the Raspberry Pi"; J. Vasquez; M. Rossignoli; A. Andrighetto; M. Manzolaro; D. Scarpa; M. Lollo; S. Corradetti; R. Silingardi; A. Monetti; M. Calderolla; C. Gobbi; P. Farinello; D. Conventi; L. Boscagli; L. Costa; E. Visentin; M. Poggi; G. Prete; R. Oboe; P. Zanonato; M. Bertocco; P. Nicolosi; G. Meneghetti; P. Colombo; A. Tomaselli; M. Guerzoni; R. Michinelli; A. Margotti; I. Cristofolini; E. Mariotti; LNL-ANNUAL REPORT; ; -; 2014

137) "Altered gene transcription in human cells treated with Ludox® silica nanoparticles."; Fede C;Millino C;Pacchioni B;Celegato B;Compagnin C;Martini P;Selvestrel F;Mancin F;Celotti L;Lanfranchi G;Mognato M;Cagnin S; INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH; 11; -; 2014

138) "Stereoselective Photopolymerization of Tetraphenylporphyrin Derivatives on Ag(110) at the Sub-Monolayer Level"; Andrea Basagni;Luciano Colazzo;Francesco Sedona;Marco DiMarino;Tommaso Carofiglio;Elisa Lubian;Daniel Forrer;Andrea Vittadini;Maurizio Casarin;Alberto Verdini;Albano Cossaro;Luca Floreano;Mauro Sambi; CHEMISTRY-A EUROPEAN JOURNAL; 20; 14296-14304; 2014

139) "Energetics of oxo- and thio-dipeptide formation via amino acid condensation: a systematic computational analysis"; M. Torsello; L. Orian; M. De Zotti; R. Saini; F. Formaggio; A. Polimeno; PHYSICAL CHEMISTRY CHEMICAL PHYSICS; 16; 17515-17522; 2014

140) "Noncovalent Interaction between Single-Walled Carbon Nanotubes and Pyrene-Functionalized Gold Nanoparticles in Water-Soluble Nanohybrids"; Patrizio Salice; Alessandro Gambarin; Nicola Daldosso; Fabrizio Mancin; Enzo Menna; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 27028-27038; 2014

141) "Catalytic oxygen production mediated by smart capsules to modulate elastic turbulence under a laminar flow regime"; A. Zizzari;M. Bianco;R. Miglietta;L. L. del Mercato;M. Carraro;A. Sorarù;M. Bonchio;G. Gigli;R. Rinaldi;I. Viola;V. Arima; LAB ON A CHIP; 14; 4391-4397; 2014

142) "Oxygenation by Ruthenium Monosubstituted Polyoxotungstates in Aqueous Solution: Experimental and Computational Dissection of a Ru(III)-Ru(V) Catalytic Cycle"; Andrea Sartorel;Pere Miró;Mauro Carraro;Serena Berardi;Olga Bortolini;Alessandro Bagno;Carles Bo ;Marcella Bonchio; CHEMISTRY-A EUROPEAN JOURNAL; 20; 10932-10943; 2014

143) "Catalytic Self-Propulsion of Supramolecular Capsules Powered by Polyoxometalate Cargos"; Loretta L. del Mercato;Mauro Carraro;Alessandra Zizzari;Monica Bianco;Ruggero Miglietta;Valentina Arima;Ilenia Viola;Concetta Nobile;Antonio Sorarù;Debora Vilona;Giuseppe Gigli;Marcella Bonchio;Rosaria Rinaldi; CHEMISTRY-A EUROPEAN JOURNAL; 20; 10910-10914; 2014

144) "Hybrid Materials Based on the Embedding of Organically Modified Transition Metal Oxoclusters or Polyoxometalates into Polymers for Functional Applications: A Review"; Mauro Carraro;Silvia Gross; MATERIALS; 7; 3956-3989; 2014

145) "Two-Photon Fluorescence Correlation Spectroscopy of Gold Nanoparticles under Stationary and Flow Conditions"; Ilaria Fortunati; Verena Weber; Emilia Giorgetti; Camilla Ferrante; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 24081-24090; 2014

146) "Very low temperature wet-chemistry colloidal routes for mono- and polymetallic nanosized crystalline inorganic compounds"; Paolo Dolcet; Stefano Diodati; Maurizio Casarin; Silvia Gross; JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY; ; -; 2014

147) "Carbonylation of ethene catalysed by Pd(II)-Phosphine complexes"; Cavinato G.; Toniolo L.; MOLECULES; 19; 15116-15161; 2014

148) "A comparison between different fouling-release elastomer coatings containing surface-active polymers"; B.R. Yasani; E. Martinelli; G. Galli; A. Glisenti; S. Mieszkin; M.E. Callow; J.A. Callow; BIOFOULING; 30; 387-399; 2014

149) "The Unique Properties of the Oxide-Metal Interface: Reaction of Ethanol on an Inverse Model CeOx–Au(111) Catalyst"; S. D. Senanayake;K. Mudiyanselage;A. Bruix;S. Agnoli;J. Hrbek;D. Stacchiola;J. A. Rodriguez; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 25057-25064; 2014

150) "TiO2@CeOxCore–Shell Nanoparticles as Artificial Enzymes with Peroxidase-Like Activity"; Luca Artiglia;Stefano Agnoli;Maria Cristina Paganini;Mattia Cattelan;Gaetano Granozzi; ACS APPLIED MATERIALS & INTERFACES; 6; 20130-20136; 2014

151) "A Novel Prion Protein-Tyrosine Hydroxylase Interaction"; Mattia Vicario;Adriana Zagari;Vincenzo Granata;Francesca Munari;Stefano Mammi;Luigi Bubacco;Stephen Skaper;Alessandro Negro; CNS & NEUROLOGICAL DISORDERS. DRUG TARGETS; 13; 896-908; 2014

152) "Optoelectrochemical Biorecognition by Optically Transparent Highly Conductive Graphene-Modified Fluorine-Doped Tin Oxide Substrates"; F. Lamberti; L. Brigo; M. Favaro; C. Luni; A. Zoso; M. Cattelan; S. Agnoli; G. Brusatin; G. Granozzi; M. Giomo; N. Elvassore; ACS APPLIED MATERIALS & INTERFACES; 6; 22769-22777; 2014

153) "Novel EDTA-ligands containing an integral perylene bisimide (PBI) core as an optical reporter unit"; Mario Marcia;Prabhpreet Singh;Frank Hauke;Michele Maggini;Andreas Hirsch; ORGANIC & BIOMOLECULAR CHEMISTRY; 12; 7045-7058; 2014

154) "Synthesis of luminescent 3D microstructures formed by carbon quantum dots and their self-assembly properties"; D. Mazzier;M. Favaro;S. Agnoli;S. Silvestrini;G. Granozzi;M. Maggini;A. Moretto; CHEMICAL COMMUNICATIONS; 50; 6592-6595; 2014

155) "New Water-Soluble Carbamate Ester Derivatives of Resveratrol"; Andrea Mattarei;Massimo Carraro;Michele Azzolini;Cristina Paradisi;Mario Zoratti;Lucia Biasutto; MOLECULES; 19; 15900-15917; 2014

156) "Pharmacokinetics and tissue distribution of pterostilbene in the rat"; Michele Azzolini;Martina La Spina;Andrea Mattarei;Cristina Paradisi;Mario Zoratti;Lucia Biasutto; MOLECULAR NUTRITION & FOOD RESEARCH; 58; 2122-2132; 2014

157) "Molecular resolution visualization of a pore formed by trichogin, an antimicrobial peptide, in a phospholipid matrix"; Maxim Smetanin;Slawomir Sek;Flavio Maran;Jacek Lipkowski; BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES; 1838; 3130-3136; 2014

158) "Interaction of Mixed-Ligand Monolayer-Protected Au144Clusters with Biomimetic Membranes as a Function of the Transmembrane Potential"; Lucia Becucci;Rolando Guidelli;Federico Polo;Flavio Maran; LANGMUIR; 30; 8141-8151; 2014

159) "Efficient AuFeOxNanoclusters of Laser-Ablated Nanoparticles in Water for Cells Guiding and Surface-Enhanced Resonance Raman Scattering Imaging"; Fabrizio Bertorelle;Martina Ceccarello;Marcella Pinto;Giulio Fracasso;Denis Badocco;Vincenzo Amendola;Paolo Pastore;Marco Colombatti;Moreno Meneghetti; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 14534-14541; 2014

160) "Flexoelectricity in an oxadiazole bent-core nematic liquid crystal"; S. Kaur;V. P. Panov;C. Greco;A. Ferrarini;V. Görtz;J. W. Goodby;H. F. Gleeson; APPLIED PHYSICS LETTERS; 105; 223505-; 2014

161) "Molecular geometry, twist-bend nematic phase and unconventional elasticity: a generalised Maier–Saupe theory"; Cristina Greco;Geoffrey R. Luckhurst;Alberta Ferrarini; SOFT MATTER; 10; 9318-9323; 2014

162) "Self-assembly of hard helices: a rich and unconventional polymorphism"; Hima Bindu Kolli; Elisa Frezza; Giorgio Cinacchi; Alberta Ferrarini; Achille Giacometti; Toby S. Hudson; Cristiano De Michele; Francesco Sciortino; SOFT MATTER; 10; 8171-8187; 2014

163) "Left or right cholesterics? A matter of helix handedness and curliness"; Elisa Frezza;Alberta Ferrarini;Hima Bindu Kolli;Achille Giacometti;Giorgio Cinacchi; PHYSICAL CHEMISTRY CHEMICAL PHYSICS; 16; 16225-16232; 2014

164) "Functional palladium metal films for plasmonic devices: an experimental proof"; Sara Zuccon;Paola Zuppella;Michele Cristofani;Simone Silvestrini;Alain Jody Corso;Michele Maggini;Maria Guglielmina Pelizzo; JOURNAL OF OPTICS; 16; 055001-; 2014

165) "Multivalent Interactions Regulate Signal Transduction in a Self-Assembled Hg2+ Sensor"; S. Maiti;C. Pezzato;S. G. Martin;L. J. Prins; JOURNAL OF THE AMERICAN CHEMICAL SOCIETY; 136; 11288-11291; 2014

166) "Light-Triggered Thiol-Exchange on Gold Nanoparticles at Low Micromolar Concentrations in Water"; C. Franceschini;P. Scrimin;L. J. Prins; LANGMUIR; 30; 13831-13836; 2014

167) "Computational 19F NMR. 2. Organic Compounds"; G. Saielli; R. Bini; A. Bagno; RSC ADVANCES; 4; 41605-41611; 2014

168) "Understanding Cage Effects in Imidazolium Ionic Liquids by 129Xe NMR: MD Simulations and Relativistic DFT Calculations"; G. Saielli; A. Bagno; F. Castiglione; R. Simonutti; M. Mauri; A. Mele; JOURNAL OF PHYSICAL CHEMISTRY. B, CONDENSED MATTER, MATERIALS, SURFACES, INTERFACES & BIOPHYSICAL; 118; 13963-13968; 2014

169) "Gold Nanowired: A Linear (Au25)n Polymer from Au25 Molecular Clusters"; Marco De Nardi; Sabrina Antonello; De-en Jiang; Fangfang Pan; Kari Rissanen; Marco Ruzzi; Alfonso Venzo; Alfonso Zoleo; Flavio Maran; ACS NANO; 8; 8505-8512; 2014

170) "Electron Transfer through 3D Monolayers on Au25Clusters"; Sabrina Antonello; Giorgio Arrigoni; Tiziano Dainese; Marco De Nardi; Giulia Parisio; Lorena Perotti; Alice René; Alfonso Venzo; Flavio Maran; ACS NANO; ; 2788-2795; 2014

171) "Arylsulfonyl Groups: The Best Cyclization Auxiliaries for the Preparation of ATRC g-Lactams can be Acidolytically Removed"; Andrew J. Clark; Andrea Cornia; Fulvia Felluga; Armando Gennaro; Franco Ghelfi; Abdirisak A. Isse; Maria Cristina Menziani; Francesco Muniz-Miranda; Fabrizio Roncaglia; and Domenico Spinelli; EUROPEAN JOURNAL OF ORGANIC CHEMISTRY; ; 6734-

6745; 2014

172) "Photocatalytic Water Oxidation by a Mixed-Valent MnIII3MnIVO3Manganese Oxo Core that Mimics the Natural Oxygen-Evolving Center"; Rami Al-Oweini; Andrea Sartorel; Bassem S. Bassil; Mirco Natali; Serena Berardi; Franco Scandola; Ulrich Kortz; Marcella Bonchio; ANGEWANDTE CHEMIE. INTERNATIONAL EDITION; 53; 11182-11185; 2014

173) "On the reliability of NMR relaxation data analyses: A Markov Chain Monte Carlo approach"; Daniel Abergel;Andrea Volpato;Eloi P. Coutant;Antonino Polimeno; JOURNAL OF MAGNETIC RESONANCE; 246; 94-103; 2014

174) "Molecular architecture and the structural basis for anion interaction in prestin and SLC26 transporters"; D. Gorbunov; M. Sturlese; F. Nies; M. Kluge; M. Bellanda; R. Battistutta; D. Oliver; NATURE COMMUNICATIONS; 5; 3622-; 2014

175) "Synthesis and biological assays on cancer cells of dinuclear gold complexes with novel functionalised di(N-heterocyclic carbene) ligands"; Marco Baron;Stéphane Bellemin-Laponnaz;Cristina Tubaro;Marino Basato;Sara Bogialli;Alessandro Dolmella; JOURNAL OF INORGANIC BIOCHEMISTRY; 141; 94-102; 2014

176) "1H, 13C and 15N resonance assignment of the mature form of monothiol glutaredoxin 1 from the pathogen Trypanosoma brucei"; Mattia Sturlese;Moreno Lelli;Bruno Manta;Stefano Mammi;Marcelo A. Comini;Massimo Bellanda; BIOMOLECULAR NMR ASSIGNMENTS; 9; 143-146; 2014

177) "Au/ε-Fe2O3 Nanocomposites as Selective NO2 Gas Sensors"; Daniel Peeters;Davide Barreca; Giorgio Carraro; Elisabetta Comini;Alberto Gasparotto; Chiara Maccato; Cinzia Sada; Giorgio Sberveglieri; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 11813-11819; 2014

178) "Nanostructured iron(III) oxides: From design to gas- and liquid-phase photo-catalytic applications"; G. Carraro; R. Sugrañez; C. Maccato; A. Gasparotto; D. Barreca; C. Sada; M. Cruz-Yusta; L. Sánchez; THIN SOLID FILMS; 564; 121-127; 2014

179) "Surface Decoration of ϵ -Fe2O3 Nanorods by CuO Via a Two-Step CVD/Sputtering Approach"; Davide Barreca; Giorgio Carraro; Daniel Peeters; Alberto Gasparotto; Chiara Maccato; Wilhelmus M. M. Kessels; Valentino Longo; Francesca Rossi; Elza Bontempi; Cinzia Sada; Anjana Devi; CHEMICAL VAPOR DEPOSITION; 20; 313-319; 2014

180) "Solar H2 generation via ethanol photoreforming on ε-Fe2O3 nanorod arrays activated by Ag and Au nanoparticles"; Giorgio Carraro; Alberto Gasparotto; Chiara Maccato;Valentina Gombac; Francesca Rossi; Tiziano Montini; Daniel Peeters; Elza Bontempi; Cinzia Sada; Davide Barreca; Paolo Fornasiero; RSC ADVANCES; 4; 32174-32179; 2014

181) "A plasma-assisted approach for the controlled dispersion of CuO aggregates into β iron(iii) oxide matrices"; Giorgio Carraro; Alberto Gasparotto; Chiara Maccato; Elza Bontempi; Fabjola Bilo; Daniel Peeters; Cinzia Sada; Davide Barreca; CRYSTENGCOMM; 16; 8710-8716; 2014

182) "Fe2O3 nanostructures on SrTiO3(111) by chemical vapor deposition: growth and characterization"; Giorgio Carraro; Daniel Peeters; Alberto Gasparotto; Chiara Maccato; Elza Bontempi; Davide Barreca; MATERIALS LETTERS; 136; 141-145; 2014

183) "Rational synthesis of F-doped iron oxides on Al2O3(0001) single crystals"; G. Carraro; A. Gasparotto; C. Maccato; E. Bontempi; O. I. Lebedev; C. Sada; S. Turner; G. Van Tendeloo; D. Barreca; RSC ADVANCES; 4; 52140-52146; 2014

184) "Self-Cleaning and Anti-Fogging Surfaces Based on Nanostructured Metal Oxides"; Urška Lavrenčič Štangar; Minoo Tasbihi; Fernando Fresno; Marko Kete; Alberto Gasparotto; Chiara Maccato; Davide Barreca; ADVANCES IN SCIENCE AND TECHNOLOGY; 91; 39-47; 2014

185) "N-phosphanyl-imidazolin-2-ylidenes: Novel stable carbenes as bidentate ligands for late transition metals"; A. Marchenko;H. Koidan;A. Hurieva;O. Kurpiieva;Y. Vlasenko;A. Kostyuk;C. Tubaro;A. Lenarda;A. Biffis;C. Graiff; JOURNAL OF ORGANOMETALLIC CHEMISTRY; 771; 14-23; 2014

186) "Cu-iminopyridine complexes as catalysts for carbene and nitrene transfer reactions"; Y. Abedi;A. Biffis;R. Gava;C. Tubaro;G. Chelucci;S. Stoccoro; APPLIED ORGANOMETALLIC CHEMISTRY; 28; 512-516; 2014

187) "Group 10 Metal Complexes with Chelating Macrocyclic Dicarbene Ligands Bearing a 2,6-Lutidinyl Bridge: Synthesis, Reactivity, and Catalytic Activity"; A. Biffis;M. Cipani;E. Bressan;C. Tubaro;C. Graiff;A. Venzo; ORGANOMETALLICS; 33; 2182-2188; 2014

188) "Metal nanoparticles inside microgel/clay nanohybrids: Synthesis, characterization and catalytic efficiency in cross-coupling reactions"; A. Contin;A. Biffis;S. Sterchele;K. Doermbach;S. Schipmann;A. Pich; JOURNAL OF COLLOID AND INTERFACE SCIENCE; 414; 41-45; 2014

189) "Electrochemical Activation of Carbon-Halogen Bonds: Electrocatalysis at Palladium-Copper Nanoparticles"; Christian Durante;Valentina Perazzolo;Abdirisak Ahmed Isse;Marco Favaro;Gaetano Granozzi;Armando Gennaro; CHEMELECTROCHEM; 1; 1370-1381; 2014

190) "The effect of the metal precursor-reduction with hydrogen on a library of bimetallic Pd-Au and Pd-Pt catalysts for the direct synthesis of H2O2"; S. Sterchele;P. Biasi;P. Centomo;S. Campestrini;A. Shchukarev;A. Rautio;J. Mikkola;T. Salmi;M. Zecca; CATALYSIS TODAY; 248; 40-47; 2014

191) "Dalla ruggine ai materiali funzionali avanzati: la nanoscienza per la salute e l'ambiente"; Giorgio Carraro; Alberto Gasparotto; Davide Barreca; DA; 40; 10-13; 2014

192) "Changes in urinary metabolic profile after oral administration of curcuma extract in rats"; S. Dall'Acqua;M. Stocchero;M. Clauser;I. Boschiero;E. Ndoum;M. Schiavon;S. Mammi;E. Schievano; JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS; 100; 348-356; 2014

193) "An inhibitor's-eye view of the ATP-binding site of CDKs in different regulatory states."; A. Echalier; A.J. Hole; G. Lolli; J.A. Endicott; M.E. Noble; ACS CHEMICAL BIOLOGY; 9; 1251-1256; 2014

194) "Enhancement of the Helical Content and Stability Induced in a Linear Oligopeptide by an i, i+4 Intramolecularly Double Stapled, Overlapping, Bicyclic [31,22,5]-(E)ene Motif"; D. Mazzier;C. Peggion;C. Toniolo;A. Moretto; BIOPOLYMERS; 102; 115-123; 2014

195) "The 2.0(5)-Helix in Hetero-Oligopeptides Entirely Composed of C-alpha,C-alpha-Disubstituted Glycines With Both Side Chains Longer Than Methyls"; Crisma, Marco; Peggion, Cristina; Moretto, Alessandro; Formaggio, Fernando; Toniolo, Claudio; BIOPOLYMERS; 102; 145-158; 2014

196) "Conformation and EPR Characterization of Rigid, 3(10)-Helical Peptides with TOAC Spin Labels: Models for Short Distances"; M. H. Shabestari;M. v. Son;A. Moretto;M. Crisma;C. Toniolo;M. Huber; BIOPOLYMERS; 102; 244-251; 2014

197) "A single-residue substitution inhibits fibrillization of Ala-based pentapeptides. A spectroscopic and molecular dynamics investigation"; M. Caruso;E. Gatto;E. Placidi;G. Ballano;F. Formaggio;C. Toniolo;D. Zanuy;C. Aleman;M. Venanzi; SOFT MATTER; 10; 2508-2519; 2014

198) "Aggregation propensity of Aib homo-peptides of different length: an insight from molecular dynamics simulations"; G. Bocchinfuso;P. Conflitti;S. Raniolo;M. Caruso;C. Mazzuca;E. Gatto;E. Placidi;F. Formaggio;C. Toniolo;M. Venanzi;A. Palleschi; JOURNAL OF PEPTIDE SCIENCE; 20; 494-507; 2014

199) "Peptides on the Surface. PELDOR Data for Spin-Labeled Alamethicin F50/5 Analogues on Organic Sorbent"; A. D. Milov;R. I. Samoilova;Y. D. Tsvetkov;C. Peggion;F. Formaggio;C. Toniolo; JOURNAL OF PHYSICAL CHEMISTRY. B, CONDENSED MATTER, MATERIALS, SURFACES, INTERFACES & BIOPHYSICAL; 118; 7085-7090; 2014

200) "Electrophysiology Investigation of Trichogin GA IV Activity in Planar Lipid Membranes Reveals Ion Channels of Well-Defined Size"; S. Iftemi;M. De Zotti;F. Formaggio;C. Toniolo;L. Stella;T. Luchian; CHEMISTRY & BIODIVERSITY; 11; 1069-1077; 2014

201) "Photoinduced Electron Transfer through Peptide-Based Self-Assembled Monolayers Chemisorbed on Gold Electrodes: Directing the Flow-in and Flow-out of Electrons through Peptide Helices"; M. Venanzi;E. Gatto;M. Caruso;A. Porchetta;F. Formaggio;C. Toniolo; JOURNAL OF PHYSICAL CHEMISTRY. A, MOLECULES, SPECTROSCOPY, KINETICS, ENVIRONMENT, & GENERAL THEORY; 118; 6674-6684; 2014

202) "Solution Synthesis, Conformational Analysis, and Antimicrobial Activity of Three Alamethicin F50/5 Analogs Bearing a Trifluoroacetyl Label"; M. De Zotti;G. Ballano;M. Jost;E. S. Salnikov;B. Bechinger;S. Oancea;M. Crisma;C. Toniolo;F. Formaggio; CHEMISTRY & BIODIVERSITY; 11; 1163-1191; 2014

203) "Photoresponsive Supramolecular Architectures Based on Polypeptide Hybrids"; D. Mazzier;M. Maran;O. P. Perucchin;M. Crisma;M. Zerbetto;V. Causin;C. Toniolo;A. Moretto; MACROMOLECULES; 47; 7272-7283; 2014

204) "Carbothermal Transformation of TiO2into TiOxCyin UHV: Tracking Intrinsic Chemical Stabilities"; Laura Calvillo;Diego Fittipaldi;Celine Rüdiger;Stefano Agnoli;Marco Favaro;Carlos Valero-Vidal;Cristiana Di Valentin;Andrea Vittadini;Nathalie Bozzolo;Suzane Jacomet;Luca Gregoratti;Julia Kunze-Liebhäuser;Gianfranco Pacchioni;Gaetano Granozzi; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 22601-22610; 2014

205) "Pd Nanoparticles deposited on nitrogen-doped HOPG: New Insights into the Pd-catalyzed Oxygen Reduction Reaction"; Wenbo Ju;Marco Favaro;Christian Durante;Lorenzo Perini;Stefano Agnoli;Oliver Schneider;Ulrich Stimming;Gaetano Granozzi; ELECTROCHIMICA ACTA; 141; 89-101; 2014

206) "Core-shell TiO2@C: towards alternative supports as replacement for high surface area carbon for PEMFC catalysts"; Alessandro Zana;Celine Rüdiger;Julia Kunze-Liebhäuser;Gaetano Granozzi;Nini E.A. Reeler;Tom Vosch;Jacob J.K. Kirkensgaard;Matthias Arenz; ELECTROCHIMICA ACTA; 139; 21-28; 2014

207) "Yttrium Oxide/Gadolinium Oxide-Modified Platinum Nanoparticles as Cathodes for the Oxygen Reduction Reaction"; Yun Luo;Aurélien Habrioux;Laura Calvillo;Gaetano Granozzi;Nicolas Alonso-Vante; CHEMPHYSCHEM; 15; 2136-2144; 2014

208) "Experimental and Theoretical Scanning Tunneling Spectroscopy Analysis of an Ultrathin Titania Film and Adsorbed Au Nanoparticles"; Emanuele Cavaliere;Giovanni Barcaro;Luca Sementa;Gaetano Granozzi;Alessandro Fortunelli;Luca Gavioli; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 14640-14646; 2014

209) "C-13=O-18/N-15 Isotope Dependence of the Amide-I/II 2D IR Cross Peaks for the Fully Extended Peptides"; H. Maekawa;G. Ballano;F. Formaggio;C. Toniolo;N. Ge; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 29448-29457; 2014

210) "Does seawater acidification affect survival, growth and shell integrity in bivalve juveniles?"; Bressan M.; Chinellato A.; Munari M.; Matozzo V.; Manci A.; Marceta T.; Finos L.; Moro I.; Pastore P.; Badocco D.; Marin M.G.; MARINE ENVIRONMENTAL RESEARCH; 99; 136-148; 2014

211) "Gold nanoparticles in a polycarbonate matrix for optical limiting against a CW laser"; M C Frare;V Weber;R Signorini;R Bozio; LASER PHYSICS; 24; 105901-; 2014

212) "Rapid Authentication of Coffee Blends and Quantification of 16-O-Methylcafestol in Roasted Coffee Beans by Nuclear Magnetic Resonance"; Schievano, E.; Finotello, C.; De Angelis, E.; Mammi, S.; Navarini, L.; JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY; 62; 12309-12314; 2014

213) "Single-residue insertion switches the quaternary structure and exciton states of cryptophyte light-harvesting proteins"; S. J. Harrop;K. E. Wilk;R. Dinshaw;E. Collini;T. Mirkovic;C. Y. Teng;D. G. Oblinsky;B. R. Green;K. Hoef-Emden;R. G. Hiller;G. D. Scholes;P. M. G. Curmi; PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA; 111; E2666-E2675; 2014

214) "Improving the efficacy of plant polyphenols."; Biasutto L;Mattarei A;Sassi N;Azzolini M;Romio M;Paradisi C;Zoratti M; ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY; 14; -; 2014

215) "Cytotoxicity of mitochondria-targeted resveratrol derivatives: interactions with respiratory chain complexes and ATP synthase."; Sassi N;Mattarei A;Azzolini M;Szabo' I;Paradisi C;Zoratti M;Biasutto L; BIOCHIMICA ET BIOPHYSICA ACTA; 1837; -; 2014

216) "Thin robust anion exchange membranes for fuel cell applications"; Sarode, Himanshu; Vandiver, Melissa A.; Liu, Ye; Maes, Ashley M.; Pandey, Tara P.; Ertem, S. Piril; Tsai, Tsunghan; Zhang, Bingzi; Herbst, Daniel C.; Lindberg, Gerrick E.; Tse, Ying-Lung Steven; Seifert, Sönke; Di Noto, Vito; Coughlin, E. Bryan; Yan, Yushan; Voth, Gregory A.; Witten, Thomas A.; Knauss, Daniel; Liberatore, Matthew W.; Herring, Andrew M.; ECS TRANSACTIONS; 64; 1185-1194; 2014

217) "Far- and near-field properties of gold nanoshells studied by photoacoustic and surface-enhanced Raman spectroscopies"; Weber, V; Feis, A.; Gellini, C.; Pilot, R.; Salvi, P.R.; Signorini, R.; PHYSICAL CHEMISTRY CHEMICAL PHYSICS; 17; 21190-21197; 2014

218) "Photocatalytic activity vs structural features of titanium dioxide materials singly doped or codoped with fluorine and boron"; Dozzi, Maria Vittoria; Artiglia, Luca; Granozzi, Gaetano; Ohtani, Bunsho; Selli, Elena; JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES; 118; 25579-25589; 2014

219) "Surface behaviour of modified-polystirene triblock copolymers with different macromolecular architectures"; Glisenti, Antonella; EUROPEAN POLYMER JOURNAL; 60; 69-78; 2014

220) "Carbon supports for the catalytic dehydrogenation of liquid organic hydrides as hydrogen storage and delivery system"; Sebastián, David; Alegre, Cinthia; Calvillo, Laura; Pérez, Marta; Moliner, Rafael; Lázaro, María J; INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 39; 4109-4115; 2014