

# Angela Agostiano

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

309  
papers

7,538  
citations

40  
h-index

70  
g-index

322  
ext. papers

8,242  
ext. citations

5.7  
avg, IF

5.7  
L-index

#	Paper	IF	Citations
309	Recent Advancements in Polymer/Liposome Assembly for Drug Delivery: From Surface Modifications to Hybrid Vesicles. <i>Polymers</i> , <b>2021</b> , 13,	4.5	28
308	High Surface Area Mesoporous Silica Nanoparticles with Tunable Size in the Sub-Micrometer Regime: Insights on the Size and Porosity Control Mechanisms. <i>Molecules</i> , <b>2021</b> , 26,	4.8	7
307	Development of Spirulina sea-weed raw extract/polyamidoamine hydrogel system as novel platform in photodynamic therapy: Photostability and photoactivity of chlorophyll a. <i>Materials Science and Engineering C</i> , <b>2021</b> , 119, 111593	8.3	0
306	Cu <sub>2</sub> S nanocrystal synthesis: a chemical toolbox for controlling nanocrystal geometry, phase and plasmonic behavior. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 1341-1354	7.8	2
305	High-Efficiency FRET Processes in BODIPY-Functionalized Quantum Dot Architectures. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 2371-2380	4.8	9
304	PbS nanocrystals decorated Reduced Graphene Oxide for NIR responsive capacitive cathodes. <i>Carbon</i> , <b>2021</b> , 182, 57-69	10.4	2
303	Coupling in Quantum Dot Molecular Hetero-Assemblies. <i>Materials Research Bulletin</i> , <b>2021</b> , 111578	5.1	2
302	Photocatalytic TiO <sub>2</sub> -based coatings for environmental applications. <i>Catalysis Today</i> , <b>2021</b> , 380, 62-83	5.3	9
301	Photoelectrodes with Polydopamine Thin Films Incorporating a Bacterial Photoenzyme. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 2000140	6.4	6
300	Commercial bentonite clay as low-cost and recyclable natural adsorbent for the Carbendazim removal/recover from water: Overview on the adsorption process and preliminary photodegradation considerations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 602, 125040	5.1	17
299	Gold-Speckled SPION@SiO Nanoparticles Decorated with Thiocarbohydrates for ASGPR1 Targeting: Towards HCC Dual Mode Imaging Potential Applications. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11048-11059	4.8	3
298	Coupling effects in QD dimers at sub-nanometer interparticle distance. <i>Nano Research</i> , <b>2020</b> , 13, 1071-1080	10.8	10
297	Eudragit S100 Entrapped Liposome for Curcumin Delivery: Anti-Oxidative Effect in Caco-2 Cells. <i>Coatings</i> , <b>2020</b> , 10, 114	2.9	21
296	Deposition Strategies of Nano-TiO <sub>2</sub> Photocatalyst for Wastewater Applications. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , <b>2020</b> , 225-226	0.1	
295	Luminescent Polymeric Nanovectors Loaded with Darunavir for Treatment of HIV-Associated Neurological Diseases. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , <b>2020</b> , 255-256	0.1	
294	A Bacterial Photosynthetic Enzymatic Unit Modulating Organic Transistors with Light. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 1900888	6.4	12
293	Photocatalytic TiO <sub>2</sub> -Based Nanostructured Materials for Microbial Inactivation. <i>Catalysts</i> , <b>2020</b> , 10, 13824		19

292	Low Temperature Synthesis of Photocatalytic Mesoporous TiO <sub>2</sub> Nanomaterials. <i>Catalysts</i> , <b>2020</b> , 10, 893-904	4	9
291	A Classic Material for capture and detoxification of emergent contaminants for water purification: The case of tetracycline. <i>Environmental Technology and Innovation</i> , <b>2020</b> , 19, 1008-12	7	12
290	Oil-Dispersible Green-Emitting Carbon Dots: New Insights on a Facile and Efficient Synthesis. <i>Materials</i> , <b>2020</b> , 13,	3.5	2
289	CsPbBr <sub>3</sub> Nanocrystals-Based Polymer Nanocomposite Films: Effect of Polymer on Spectroscopic Properties and Moisture Tolerance. <i>Energies</i> , <b>2020</b> , 13, 6730	3.1	2
288	Multifunctional green synthesized gold nanoparticles/chitosan/ellagic acid self-assembly: Antioxidant, sun filter and tyrosinase-inhibitor properties. <i>Materials Science and Engineering C</i> , <b>2020</b> , 106, 110170	8.3	25
287	Removal of tetracycline from polluted water by chitosan-olive pomace adsorbing films. <i>Science of the Total Environment</i> , <b>2019</b> , 693, 133620	10.2	42
286	Near-Infrared Absorbing Solid Lipid Nanoparticles Encapsulating Plasmonic Copper Sulfide Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 23205-23213	3.8	5
285	Au nanoparticle in situ decorated RGO nanocomposites for highly sensitive electrochemical genosensors. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 768-777	7.3	17
284	Solvent dispersible nanocomposite based on Reduced Graphene Oxide and in-situ decorated gold nanoparticles. <i>Carbon</i> , <b>2019</b> , 152, 777-787	10.4	8
283	Scalable Synthesis of Mesoporous TiO <sub>2</sub> for Environmental Photocatalytic Applications. <i>Materials</i> , <b>2019</b> , 12,	3.5	29
282	Post-synthesis phase and shape evolution of CsPbBr <sub>3</sub> colloidal nanocrystals: The role of ligands. <i>Nano Research</i> , <b>2019</b> , 12, 1155-1166	10	33
281	A comprehensive investigation of amino grafted mesoporous silica nanoparticles supramolecular assemblies to host photoactive chlorophyll a in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 377, 149-158	4.7	4
280	Reactivity of 4-thiothymidine with Fenton reagent investigated by UV-visible spectroscopy and electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2019</b> , 54, 389-401	2.2	1
279	Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: a scanning electron microscopy investigation.. <i>RSC Advances</i> , <b>2019</b> , 9, 21810-21825	3.7	5
278	Chitosan Film as Eco-Friendly and Recyclable Bio-Adsorbent to Remove/Recover Diclofenac, Ketoprofen, and their Mixture from Wastewater. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	24
277	A highly efficient heptamethine cyanine antenna for photosynthetic Reaction Center: From chemical design to ultrafast energy transfer investigation of the hybrid system. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2019</b> , 1860, 350-359	4.6	12
276	Electronic Nose in Combination with Chemometrics for Characterization of Geographical Origin and Agronomic Practices of Table Grape. <i>Food Analytical Methods</i> , <b>2019</b> , 12, 1229-1237	3.4	3
275	pH dependence of the charge recombination kinetics in bacterial RC reconstituted in liposomes. <i>MRS Advances</i> , <b>2019</b> , 4, 1149-1154	0.7	

274	Amino grafted MCM-41 as highly efficient and reversible ecofriendly adsorbent material for the Direct Blue removal from wastewater. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 273, 435-446	6	33
273	Gram-scale synthesis of UV-vis light active plasmonic photocatalytic nanocomposite based on TiO <sub>2</sub> /Au nanorods for degradation of pollutants in water. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 243, 604-613	21.8	51
272	Tracing the Geographical Origin of Lentils ( <i>Lens culinaris</i> Medik.) by Infrared Spectroscopy and Chemometrics. <i>Food Analytical Methods</i> , <b>2019</b> , 12, 773-779	3.4	7
271	Design and modelling of a photo-electrochemical transduction system based on solubilized photosynthetic reaction centres. <i>Electrochimica Acta</i> , <b>2019</b> , 293, 105-115	6.7	10
270	Modulating the lifetime of the charge-separated state in photosynthetic reaction center by out-of-protein electrostatics. <i>MRS Advances</i> , <b>2018</b> , 3, 1497-1507	0.7	7
269	Preparation of drug-loaded small unilamellar liposomes and evaluation of their potential for the treatment of chronic respiratory diseases. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 545, 378-388	6.5	23
268	Encapsulation of Curcumin-Loaded Liposomes for Colonic Drug Delivery in a pH-Responsive Polymer Cluster Using a pH-Driven and Organic Solvent-Free Process. <i>Molecules</i> , <b>2018</b> , 23,	4.8	51
267	Surface Engineering of Gold Nanorods for Cytochrome Bioconjugation: An Effective Strategy To Preserve the Protein Structure. <i>ACS Omega</i> , <b>2018</b> , 3, 4959-4967	3.9	7
266	Interaction between the photosynthetic anoxygenic microorganism <i>Rhodobacter sphaeroides</i> and soluble gold compounds. From toxicity to gold nanoparticle synthesis. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 172, 362-371	6	14
265	Hybrid Interfaces for Electron and Energy Transfer Based on Photosynthetic Proteins <b>2018</b> , 201-220		1
264	Luminescent Oil-Soluble Carbon Dots toward White Light Emission: A Spectroscopic Study. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 839-849	3.8	28
263	Deployment and exploitation of nanotechnology nanomaterials and nanomedicine <b>2018</b> ,		23
262	Optical properties of nanocomposites based on (CdSe)ZnS core shell nanocrystals in cyclic olefin copolymer. <i>Synthetic Metals</i> , <b>2018</b> , 245, 121-126	3.6	3
261	Potential of 4-thiothymidine as a molecular probe for H <sub>2</sub> O <sub>2</sub> in systems related to PhotoDynamic therapy: A structural and mechanistic insight by UV-visible and FTIR-ATR spectroscopies and by ElectroSpray ionization mass spectrometry. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 264, 398-409	6	3
260	A designed UV-vis light curable coating nanocomposite based on colloidal TiO <sub>2</sub> NRs in a hybrid resin for stone protection. <i>Progress in Organic Coatings</i> , <b>2018</b> , 122, 290-301	4.8	14
259	Nanocomposite materials for photocatalytic degradation of pollutants. <i>Catalysis Today</i> , <b>2017</b> , 281, 85-100	9.3	132
258	Lipid-based systems loaded with PbS nanocrystals: near infrared emitting trackable nanovectors. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 1471-1481	7.3	15
257	Enhanced photoactivity and conductivity in transparent TiO <sub>2</sub> nanocrystals/graphene hybrid anodes. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 9307-9315	13	16

256	Unveiling the compositional variety of cardiolipins in <i>Rhodobacter sphaeroides</i> by liquid chromatography with electrospray ionization and multistage collision-induced dissociation mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 5007-5018	4.4	3
255	Geographical origin discrimination of lentils ( <i>Lens culinaris</i> Medik.) using H NMR fingerprinting and multivariate statistical analyses. <i>Food Chemistry</i> , <b>2017</b> , 237, 743-748	8.5	30
254	Isotope ratio mass spectrometry in combination with chemometrics for characterization of geographical origin and agronomic practices of table grape. <i>Journal of the Science of Food and Agriculture</i> , <b>2017</b> , 97, 3173-3180	4.3	6
253	Luminescent CdSe@ZnS nanocrystals embedded in liposomes: a cytotoxicity study in HeLa cells. <i>Toxicology Research</i> , <b>2017</b> , 6, 947-957	2.6	7
252	Functional Enzymes in Nonaqueous Environment: The Case of Photosynthetic Reaction Centers in Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 7768-7776	8.3	39
251	NIR Emitting Nanoprobes Based on Cyclic RGD Motif Conjugated PbS Quantum Dots for Integrin-Targeted Optical Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 43113-43126	9.5	19
250	Liposome-modified titanium surface: A strategy to locally deliver bioactive molecules. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 158, 387-396	6	12
249	Effect of ultrasound on the function and structure of a membrane protein: The case study of photosynthetic Reaction Center from <i>Rhodobacter sphaeroides</i> . <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 35, 103-111	8.9	15
248	An Alternative Use of Olive Pomace as a Wide-Ranging Bioremediation Strategy to Adsorb and Recover Disperse Orange and Disperse Red Industrial Dyes from Wastewater. <i>Separations</i> , <b>2017</b> , 4, 29	3.1	24
247	Visible-Light-Active TiO <sub>2</sub> -Based Hybrid Nanocatalysts for Environmental Applications. <i>Catalysts</i> , <b>2017</b> , 7, 100	4	72
246	Synthetic Antenna Functioning As Light Harvester in the Whole Visible Region for Enhanced Hybrid Photosynthetic Reaction Centers. <i>Bioconjugate Chemistry</i> , <b>2016</b> , 27, 1614-23	6.3	30
245	Fabrication of photoactive heterostructures based on quantum dots decorated with Au nanoparticles. <i>Science and Technology of Advanced Materials</i> , <b>2016</b> , 17, 98-108	7.1	20
244	A far-red emitting arylenethynylene fluorophore used as light harvesting antenna in hybrid assembly with the photosynthetic reaction center. <i>MRS Advances</i> , <b>2016</b> , 1, 495-500	0.7	7
243	Highly selective luminescent nanostructures for mitochondrial imaging and targeting. <i>Nanoscale</i> , <b>2016</b> , 8, 3350-61	7.7	34
242	Molecular interactions, characterization and photoactivity of Chlorophyll a/chitosan/2-HP- $\beta$ -cyclodextrin composite films as functional and active surfaces for ROS production. <i>Food Hydrocolloids</i> , <b>2016</b> , 58, 98-112	10.6	34
241	Integrin-targeting with peptide-bioconjugated semiconductor-magnetic nanocrystalline heterostructures. <i>Nano Research</i> , <b>2016</b> , 9, 644-662	10	19
240	Profiling of ornithine lipids in bacterial extracts of <i>Rhodobacter sphaeroides</i> by reversed-phase liquid chromatography with electrospray ionization and multistage mass spectrometry (RPLC-ESI-MS(n)). <i>Analytica Chimica Acta</i> , <b>2016</b> , 903, 110-20	6.6	4
239	Hybrid Interfaces for Electron and Energy Transfer Based on Photosynthetic Proteins. <i>Books in Soils, Plants, and the Environment</i> , <b>2016</b> , 201-220		2

238	Surface Functionalized Luminescent Nanocrystals Electrostatically Assembled onto a Patterned Substrate. <i>Current Nanoscience</i> , <b>2016</b> , 12, 386-395	1.4	2
237	Crystallographic analysis of the photosynthetic reaction center from <i>Rhodobacter sphaeroides</i> bioconjugated with an artificial antenna. <i>MRS Advances</i> , <b>2016</b> , 1, 3789-3800	0.7	3
236	Cytotoxicity Study on Luminescent Nanocrystals Containing Phospholipid Micelles in Primary Cultures of Rat Astrocytes. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153451	3.7	17
235	TiO <sub>2</sub> Nanocrystals Decorated CVD Graphene Based Hybrid for UV-Light Active Photoanodes. <i>Procedia Engineering</i> , <b>2016</b> , 168, 396-402		3
234	Promoting oxygen vacancy formation and p-type conductivity in SrTiO <sub>3</sub> alkali metal doping: a first principles study. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 28951-28959	3.6	11
233	Semiquinone oscillations as a tool for investigating the ubiquinone binding to photosynthetic reaction centers. <i>European Biophysics Journal</i> , <b>2015</b> , 44, 183-92	1.9	7
232	UV-curable nanocomposite based on methacrylic-siloxane resin and surface-modified TiO <sub>2</sub> nanocrystals. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 15494-505	9.5	40
231	Assembly of a photosynthetic reaction center with ABA tri-block polymersomes: highlights on protein localization. <i>Photochemical and Photobiological Sciences</i> , <b>2015</b> , 14, 1844-52	4.2	11
230	Photo-thermal effects in gold nanoparticles dispersed in thermotropic nematic liquid crystals. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 20281-7	3.6	40
229	Applications of nanomaterials in modern medicine. <i>Rendiconti Lincei</i> , <b>2015</b> , 26, 231-237	1.7	4
228	Discrimination of geographical origin of lentils ( <i>Lens culinaris</i> Medik.) using isotope ratio mass spectrometry combined with chemometrics. <i>Food Chemistry</i> , <b>2015</b> , 188, 343-9	8.5	23
227	First-principles study of trimethylamine adsorption on anatase TiO <sub>2</sub> nanorod surfaces. <i>Theoretical Chemistry Accounts</i> , <b>2015</b> , 134, 1	1.9	7
226	Photo-thermal effects in gold nanorods/DNA complexes. <i>Micro and Nano Systems Letters</i> , <b>2015</b> , 3,	2	4
225	Rose Bengal-photosensitized oxidation of 4-thiothymidine in aqueous medium: evidence for the reaction of the nucleoside with singlet state oxygen. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 26307-19	3.6	15
224	UV and solar-based photocatalytic degradation of organic pollutants by nano-sized TiO <sub>2</sub> grown on carbon nanotubes. <i>Catalysis Today</i> , <b>2015</b> , 240, 114-124	5.3	104
223	Electronic nose and isotope ratio mass spectrometry in combination with chemometrics for the characterization of the geographical origin of Italian sweet cherries. <i>Food Chemistry</i> , <b>2015</b> , 170, 90-6	8.5	39
222	Bio-hybrid photoconverter by covalent functionalization of the photosynthetic reaction center of <i>Rhodobacter sphaeroides</i> with fluorescein isothiocyanate. <i>Materials Research Society Symposia Proceedings</i> , <b>2015</b> , 1722, 39		2
221	Plasmonics Meets Biology through Optics. <i>Nanomaterials</i> , <b>2015</b> , 5, 1022-1033	5.4	1



220	The effect of in-amphorae aging on oenological parameters, phenolic profile and volatile composition of Minutolo white wine. <i>Food Research International</i> , <b>2015</b> , 74, 294-305	7	18
219	Photoactive film by covalent immobilization of a bacterial photosynthetic protein on reduced graphene oxide surface. <i>Materials Research Society Symposia Proceedings</i> , <b>2015</b> , 1717, 12		1
218	Decorating the photosynthetic bacterial reaction center for bioelectronics. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 6471-6478	7.1	41
217	Tuning light emission of PbS nanocrystals from infrared to visible range by cation exchange. <i>Science and Technology of Advanced Materials</i> , <b>2015</b> , 16, 055007	7.1	10
216	Photoelectrochemical properties of ZnO nanocrystals/MEH-PPV composite: The effects of nanocrystals synthetic route, film deposition and electrolyte composition. <i>Thin Solid Films</i> , <b>2015</b> , 595, 157-163	2.2	8
215	Photoactive hybrid material based on pyrene functionalized PbS nanocrystals decorating CVD monolayer graphene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 4151-9	9.5	27
214	Recombination Dynamics of Colloidal Nanocrystals in Functionalized-Poly-Methylmethacrylate Nanocomposites. <i>Nanoscience and Nanotechnology Letters</i> , <b>2015</b> , 7, 67-73	0.8	4
213	Photosystem II based multilayers obtained by electrostatic layer-by-layer assembly on quartz substrates. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2014</b> , 46, 221-8	3.7	5
212	Selective confinement of oleylamine capped Au nanoparticles in self-assembled PS-b-PEO diblock copolymer templates. <i>Soft Matter</i> , <b>2014</b> , 10, 1676-84	3.6	20
211	Excitation-Dependent Ultrafast Carrier Dynamics of Colloidal TiO <sub>2</sub> Nanorods in Organic Solvent. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 25215-25222	3.8	15
210	Biotin-decorated silica coated PbS nanocrystals emitting in the second biological near infrared window for bioimaging. <i>Nanoscale</i> , <b>2014</b> , 6, 7924-33	7.7	27
209	pH-related features and photostability of 4-thiothymidine in aqueous solution: an investigation by UV-visible, NMR and FTIR-ATR spectroscopies and by electrospray ionization mass spectrometry. <i>RSC Advances</i> , <b>2014</b> , 4, 48804-48814	3.7	12
208	Single white light emitting hybrid nanoarchitectures based on functionalized quantum dots. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 5286	7.1	30
207	Three-dimensional self-assembly of networked branched TiO <sub>2</sub> nanocrystal scaffolds for efficient room-temperature processed depleted bulk heterojunction solar cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 5026-33	9.5	6
206	The lipidome of the photosynthetic bacterium <i>Rhodobacter sphaeroides</i> R26 is affected by cobalt and chromate ions stress. <i>BioMetals</i> , <b>2014</b> , 27, 65-73	3.4	22
205	H-bonding driven assembly of colloidal Au nanoparticles on nanostructured poly(styrene-b-ethylene oxide) block copolymer templates. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 5246-5255	4.3	2
204	SERS Properties of Gold Nanorods at Resonance with Molecular, Transverse, and Longitudinal Plasmon Excitations. <i>Plasmonics</i> , <b>2014</b> , 9, 581-593	2.4	29
203	Hybrid assemblies of fluorescent nanocrystals and membrane proteins in liposomes. <i>Langmuir</i> , <b>2014</b> , 30, 1599-608	4	25

202	Two-Dimensional Plasmonic Superlattice Based on Au Nanoparticles Self-Assembling onto a Functionalized Substrate. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 7579-7590	3.8	15
201	Segmented poly(styrene-co-vinylpyridine) as multivalent host for CdSe nanocrystal based nanocomposites. <i>European Polymer Journal</i> , <b>2014</b> , 60, 222-234	5.2	10
200	Electroactive layer-by-layer plasmonic architectures based on Au nanorods. <i>Langmuir</i> , <b>2014</b> , 30, 2608-184		18
199	The binding of quinone to the photosynthetic reaction centers: kinetics and thermodynamics of reactions occurring at the QB-site in zwitterionic and anionic liposomes. <i>European Biophysics Journal</i> , <b>2014</b> , 43, 301-15	1.9	10
198	Nanocomposites Based on Luminescent Colloidal Nanocrystals and Polymeric Ionic Liquids towards Optoelectronic Applications. <i>Materials</i> , <b>2014</b> , 7, 591-610	3.5	5
197	Bursting photosynthesis: designing ad-hoc fluorophores to complement the light harvesting capability of the photosynthetic reaction center. <i>Materials Research Society Symposia Proceedings</i> , <b>2014</b> , 1689, 13		5
196	Isothermal microcalorimetry of the metabolically versatile bacterium <i>Rhodobacter sphaeroides</i> . <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2013</b> , 112, 505-511	4.1	11
195	Interactions between cyclodextrins and fluorescent T-2 and HT-2 toxin derivatives: a physico-chemical study. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2013</b> , 75, 285-292		2
194	Photodegradation of nalidixic acid assisted by TiO <sub>2</sub> nanorods/Ag nanoparticles based catalyst. <i>Chemosphere</i> , <b>2013</b> , 91, 941-7	8.4	33
193	Non-targeted <sup>1</sup> H NMR fingerprinting and multivariate statistical analyses for the characterisation of the geographical origin of Italian sweet cherries. <i>Food Chemistry</i> , <b>2013</b> , 141, 3028-33	8.5	41
192	Fabrication of flexible all-inorganic nanocrystal solar cells by room-temperature processing. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 1565	35.4	29
191	Assembly of Gold Nanorods for Highly Sensitive Detection of Mercury Ions. <i>IEEE Sensors Journal</i> , <b>2013</b> , 13, 2834-2841	4	11
190	A combined size sorting strategy for monodisperse plasmonic nanostructures. <i>Nanoscale</i> , <b>2013</b> , 5, 3272-87		21
189	Interaction of TiO <sub>2</sub> Nanocrystals with Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 12923-12929	3.8	30
188	Semiconductor nanocrystals dispersed in imidazolium-based ionic liquids: a spectroscopic and morphological investigation. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	5
187	Identification of ROS produced by photodynamic activity of chlorophyll/cyclodextrin inclusion complexes. <i>Photochemistry and Photobiology</i> , <b>2013</b> , 89, 432-41	3.6	20
186	Determination of ochratoxin A in wine by means of immunoaffinity and aminopropyl solid-phase column cleanup and fluorometric detection. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 1604-857		23
185	Functionalized luminescent nanocrystals on patterned surfaces obtained by radio frequency glow discharges. <i>Nanotechnology</i> , <b>2013</b> , 24, 145302	3.4	4



184	Hybrid charge transfer complexes based on archaeal glycolipids wrapping single walled carbon nanotubes. <i>Chemical Communications</i> , <b>2013</b> , 49, 6941-3	5.8	5
183	Radiative exciton recombination dynamics in QD-tagged polystyrene microspheres. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 374-381	4.3	2
182	Near Infrared Emission from Monomodal and Bimodal PbS Nanocrystal Superlattices. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 6143-6152	3.8	23
181	Changes in morphology, cell wall composition and soluble proteome in <i>Rhodobacter sphaeroides</i> cells exposed to chromate. <i>BioMetals</i> , <b>2012</b> , 25, 939-49	3.4	17
180	Oxidoreductase activity of chromatophores and purified cytochrome bc1 complex from <i>Rhodobacter sphaeroides</i> : a possible role of cardiolipin. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2012</b> , 44, 487-93	3.7	7
179	Polyelectrolyte multilayers as a platform for luminescent nanocrystal patterned assemblies. <i>Langmuir</i> , <b>2012</b> , 28, 5964-74	4	10
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