

Marialucia Curri

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.

208
papers

6,128
citations

40
h-index

69
g-index

226
ext. papers

6,645
ext. citations

6.1
avg, IF

5.41
L-index

#	Paper	IF	Citations
208	Au Nanoparticles Decorated Graphene-Based Hybrid Nanocomposite for As(III) Electroanalytical Detection. <i>Chemosensors</i> , 2022 , 10, 67	4	1
207	Magnetic implants in vivo guiding sorafenib liver delivery by superparamagnetic solid lipid nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2022 , 608, 239-254	9.3	2
206	Luminescent PLGA Nanoparticles for Delivery of Darunavir to the Brain and Inhibition of Matrix Metalloproteinase-9, a Relevant Therapeutic Target of HIV-Associated Neurological Disorders. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 4286-4301	5.7	1
205	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> , 2021 , 26,	4.8	7
204	Gold nanoparticles modified graphene platforms for highly sensitive electrochemical detection of vitamin C in infant food and formulae. <i>Food Chemistry</i> , 2021 , 344, 128692	8.5	15
203	Cu ₂ S nanocrystal synthesis: a chemical toolbox for controlling nanocrystal geometry, phase and plasmonic behavior. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1341-1354	7.8	2
202	High-Efficiency FRET Processes in BODIPY-Functionalized Quantum Dot Architectures. <i>Chemistry - A European Journal</i> , 2021 , 27, 2371-2380	4.8	9
201	Exosome Released FZD10 Increases Ki-67 Expression Phospho-ERK1/2 in Colorectal and Gastric Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 730093	5.3	1
200	PbS nanocrystals decorated Reduced Graphene Oxide for NIR responsive capacitive cathodes. <i>Carbon</i> , 2021 , 182, 57-69	10.4	2
199	Coupling in Quantum Dot Molecular Hetero-Assemblies. <i>Materials Research Bulletin</i> , 2021 , 111578	5.1	2
198	Photocatalytic TiO ₂ -based coatings for environmental applications. <i>Catalysis Today</i> , 2021 , 380, 62-83	5.3	9
197	TiO ₂ -based nanomaterials assisted photocatalytic treatment for virus inactivation: perspectives and applications. <i>Current Opinion in Chemical Engineering</i> , 2021 , 34, 100716	5.4	4
196	Gold-Speckled SPION@SiO Nanoparticles Decorated with Thiocarbohydrates for ASGPR1 Targeting: Towards HCC Dual Mode Imaging Potential Applications. <i>Chemistry - A European Journal</i> , 2020 , 26, 11048-11059	4.8	3
195	Stimuli-responsive nanoparticle-assisted immunotherapy: a new weapon against solid tumours. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1823-1840	7.3	18
194	Coupling effects in QD dimers at sub-nanometer interparticle distance. <i>Nano Research</i> , 2020 , 13, 1071-1080	10	
193	Encapsulation of Dual Emitting Giant Quantum Dots in Silica Nanoparticles for Optical Ratiometric Temperature Nanosensors. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2767	2.6	5
192	Deposition Strategies of Nano-TiO ₂ Photocatalyst for Wastewater Applications. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2020 , 225-226	0.1	

191	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> , 2020 , 255-256 ^{0.1}		
190	Photocatalytic TiO ₂ -Based Nanostructured Materials for Microbial Inactivation. <i>Catalysts</i> , 2020 , 10, 13824	19	
189	A Possible Role of FZD10 Delivering Exosomes Derived from Colon Cancers Cell Lines in Inducing Activation of Epithelial-Mesenchymal Transition in Normal Colon Epithelial Cell Line. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
188	Oil-Dispersible Green-Emitting Carbon Dots: New Insights on a Facile and Efficient Synthesis. <i>Materials</i> , 2020 , 13,	3.5	2
187	CsPbBr ₃ Nanocrystals-Based Polymer Nanocomposite Films: Effect of Polymer on Spectroscopic Properties and Moisture Tolerance. <i>Energies</i> , 2020 , 13, 6730	3.1	2
186	Near-Infrared Absorbing Solid Lipid Nanoparticles Encapsulating Plasmonic Copper Sulfide Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 23205-23213	3.8	5
185	Au nanoparticle in situ decorated RGO nanocomposites for highly sensitive electrochemical genosensors. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 768-777	7.3	17
184	Thermo-Plasmonic Killing of TG1 Bacteria. <i>Materials</i> , 2019 , 12,	3.5	16
183	Solvent dispersible nanocomposite based on Reduced Graphene Oxide and in-situ decorated gold nanoparticles. <i>Carbon</i> , 2019 , 152, 777-787	10.4	8
182	Scalable Synthesis of Mesoporous TiO for Environmental Photocatalytic Applications. <i>Materials</i> , 2019 , 12,	3.5	29
181	Thermoplasmonic Activated Reverse-Mode Liquid Crystal Gratings. <i>ACS Applied Nano Materials</i> , 2019 , 2, 3315-3322	5.6	10
180	Photocatalytic Application of Ag/TiO ₂ Hybrid Nanoparticles 2019 , 373-394		2
179	Post-synthesis phase and shape evolution of CsPbBr ₃ colloidal nanocrystals: The role of ligands. <i>Nano Research</i> , 2019 , 12, 1155-1166	10	33
178	Frizzled-10 Extracellular Vesicles Plasma Concentration Is Associated with Tumoral Progression in Patients with Colorectal and Gastric Cancer. <i>Journal of Oncology</i> , 2019 , 2019, 2715968	4.5	17
177	FZD10 Carried by Exosomes Sustains Cancer Cell Proliferation. <i>Cells</i> , 2019 , 8,	7.9	22
176	Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: a scanning electron microscopy investigation.. <i>RSC Advances</i> , 2019 , 9, 21810-21825	3.7	5
175	Green Fluorescent Terbium (III) Complex Doped Silica Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
174	Gram-scale synthesis of UV-vis light active plasmonic photocatalytic nanocomposite based on TiO ₂ /Au nanorods for degradation of pollutants in water. <i>Applied Catalysis B: Environmental</i> , 2019 , 243, 604-613	21.8	51

173	Ascorbic acid-sensitized Au nanorods-functionalized nanostructured TiO ₂ transparent electrodes for photoelectrochemical genosensing. <i>Electrochimica Acta</i> , 2018 , 276, 389-398	6.7	24
172	Surface Engineering of Gold Nanorods for Cytochrome Bioconjugation: An Effective Strategy To Preserve the Protein Structure. <i>ACS Omega</i> , 2018 , 3, 4959-4967	3.9	7
171	Quantum Dot Based Luminescent Nanoprobes for Sigma-2 Receptor Imaging. <i>Molecular Pharmaceutics</i> , 2018 , 15, 458-471	5.6	12
170	Luminescent Oil-Soluble Carbon Dots toward White Light Emission: A Spectroscopic Study. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 839-849	3.8	28
169	TiO ₂ Nanocrystal Based Coatings for the Protection of Architectural Stone: The Effect of Solvents in the Spray-Coating Application for a Self-Cleaning Surfaces. <i>Coatings</i> , 2018 , 8, 356	2.9	16
168	Optical properties of nanocomposites based on (CdSe)ZnS core shell nanocrystals in cyclic olefin copolymer. <i>Synthetic Metals</i> , 2018 , 245, 121-126	3.6	3
167	A designed UV λ is light curable coating nanocomposite based on colloidal TiO ₂ NRs in a hybrid resin for stone protection. <i>Progress in Organic Coatings</i> , 2018 , 122, 290-301	4.8	14
166	Nanocomposite materials for photocatalytic degradation of pollutants. <i>Catalysis Today</i> , 2017 , 281, 85-100	3.3	132
165	Lipid-based systems loaded with PbS nanocrystals: near infrared emitting trackable nanovectors. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 1471-1481	7.3	15
164	Sorafenib delivery nanoplatfrom based on superparamagnetic iron oxide nanoparticles magnetically targets hepatocellular carcinoma. <i>Nano Research</i> , 2017 , 10, 2431-2448	10	49
163	Spectroscopic Insights into Carbon Dot Systems. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 2236-2244	8.4	87
162	Enhanced photoactivity and conductivity in transparent TiO ₂ nanocrystals/graphene hybrid anodes. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 9307-9315	13	16
161	Colloidal Nanocrystalline Semiconductor Materials as Photocatalysts for Environmental Protection of Architectural Stone. <i>Crystals</i> , 2017 , 7, 30	2.3	15
160	Nanostructured Photoelectrochemical Biosensing Platform for Cancer Biomarker Detection. <i>Procedia Technology</i> , 2017 , 27, 144-145		2
159	NIR Emitting Nanoprobes Based on Cyclic RGD Motif Conjugated PbS Quantum Dots for Integrin-Targeted Optical Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43113-43126	9.5	19
158	Multifunctional TiO ₂ /Fe _x O _y /Ag based nanocrystalline heterostructures for photocatalytic degradation of a recalcitrant pollutant. <i>Catalysis Today</i> , 2017 , 284, 100-106	5.3	14
157	Visible-Light-Active TiO ₂ -Based Hybrid Nanocatalysts for Environmental Applications. <i>Catalysts</i> , 2017 , 7, 100	4	72
156	Fabrication of photoactive heterostructures based on quantum dots decorated with Au nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2016 , 17, 98-108	7.1	20

155	Highly selective luminescent nanostructures for mitochondrial imaging and targeting. <i>Nanoscale</i> , 2016 , 8, 3350-61	7.7	34
154	Nematic liquid crystals used to control photo-thermal effects in gold nanoparticles 2016 ,		2
153	Integrin-targeting with peptide-bioconjugated semiconductor-magnetic nanocrystalline heterostructures. <i>Nano Research</i> , 2016 , 9, 644-662	10	19
152	Cytotoxicity Study on Luminescent Nanocrystals Containing Phospholipid Micelles in Primary Cultures of Rat Astrocytes. <i>PLoS ONE</i> , 2016 , 11, e0153451	3.7	17
151	Plasmonic photoheating of gold nanorods in thermo-responsive chiral liquid crystals. <i>Journal of Optics (United Kingdom)</i> , 2016 , 18, 125005	1.7	3
150	TiO ₂ Nanocrystals Decorated CVD Graphene Based Hybrid for UV-Light Active Photoanodes. <i>Procedia Engineering</i> , 2016 , 168, 396-402		3
149	Rod-coil block copolymer as nanostructuring compatibilizer for efficient CdSe NCs/PCPDTBT hybrid solar cells. <i>European Polymer Journal</i> , 2016 , 78, 352-363	5.2	9
148	UV-curable nanocomposite based on methacrylic-siloxane resin and surface-modified TiO ₂ nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15494-505	9.5	40
147	Photo-thermal effects in gold nanoparticles dispersed in thermotropic nematic liquid crystals. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 20281-7	3.6	40
146	Applications of nanomaterials in modern medicine. <i>Rendiconti Lincei</i> , 2015 , 26, 231-237	1.7	4
145	Effect of Iron Oxide Nanocrystal Content on the Morphology and Magnetic Properties of Polystyrene-block-poly(methyl methacrylate) Diblock Copolymer Based Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6435-6445	3.8	3
144	Next-generation thermo-plasmonic technologies and plasmonic nanoparticles in optoelectronics. <i>Progress in Quantum Electronics</i> , 2015 , 41, 23-70	9.1	45
143	Gain-assisted plasmonic metamaterials: mimicking nature to go across scales. <i>Rendiconti Lincei</i> , 2015 , 26, 161-174	1.7	11
142	Plasmonic Thermometer Based on Thermotropic Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2015 , 614, 93-99	0.5	11
141	Photo-thermal effects in gold nanorods/DNA complexes. <i>Micro and Nano Systems Letters</i> , 2015 , 3,	2	4
140	The effect of TiO ₂ nanocrystal shape on the electrical properties of poly(styrene-b-methyl methacrylate) block copolymer based nanocomposites for solar cell application. <i>Electrochimica Acta</i> , 2015 , 184, 8-16	6.7	5
139	Direct growth of shape controlled TiO ₂ nanocrystals onto SWCNTs for highly active photocatalytic materials in the visible. <i>Applied Catalysis B: Environmental</i> , 2015 , 178, 91-99	21.8	23
138	UV and solar-based photocatalytic degradation of organic pollutants by nano-sized TiO ₂ grown on carbon nanotubes. <i>Catalysis Today</i> , 2015 , 240, 114-124	5.3	104

137	Plasmonics Meets Biology through Optics. <i>Nanomaterials</i> , 2015 , 5, 1022-1033	5.4	1
136	Tuning light emission of PbS nanocrystals from infrared to visible range by cation exchange. <i>Science and Technology of Advanced Materials</i> , 2015 , 16, 055007	7.1	10
135	Photoelectrochemical properties of ZnO nanocrystals/MEH-PPV composite: The effects of nanocrystals synthetic route, film deposition and electrolyte composition. <i>Thin Solid Films</i> , 2015 , 595, 157-163	2.2	8
134	Photoactive hybrid material based on pyrene functionalized PbS nanocrystals decorating CVD monolayer graphene. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4151-9	9.5	27
133	Templating gold nanorods with liquid crystalline DNA. <i>Journal of Optics (United Kingdom)</i> , 2015 , 17, 025007	0.7	5
132	Recombination Dynamics of Colloidal Nanocrystals in Functionalized-Poly-Methylmethacrylate Nanocomposites. <i>Nanoscience and Nanotechnology Letters</i> , 2015 , 7, 67-73	0.8	4
131	Room-temperature treatments for all-inorganic nanocrystal solar cell devices. <i>Thin Solid Films</i> , 2014 , 560, 44-48	2.2	4
130	Selective confinement of oleylamine capped Au nanoparticles in self-assembled PS-b-PEO diblock copolymer templates. <i>Soft Matter</i> , 2014 , 10, 1676-84	3.6	20
129	Excitation-Dependent Ultrafast Carrier Dynamics of Colloidal TiO ₂ Nanorods in Organic Solvent. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 25215-25222	3.8	15
128	GISAXS and GIWAXS study on self-assembling processes of nanoparticle based superlattices. <i>CrystEngComm</i> , 2014 , 16, 9482-9492	3.3	21
127	Biotin-decorated silica coated PbS nanocrystals emitting in the second biological near infrared window for bioimaging. <i>Nanoscale</i> , 2014 , 6, 7924-33	7.7	27
126	Single white light emitting hybrid nanoarchitectures based on functionalized quantum dots. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 5286	7.1	30
125	Three-dimensional self-assembly of networked branched TiO ₂ nanocrystal scaffolds for efficient room-temperature processed depleted bulk heterojunction solar cells. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 5026-33	9.5	6
124	Optical and conductive properties of as-synthesized organic-capped TiO ₂ nanorods highly dispersible in polystyrene-block-poly(methyl methacrylate) diblock copolymer. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 11805-14	9.5	11
123	H-bonding driven assembly of colloidal Au nanoparticles on nanostructured poly(styrene-b-ethylene oxide) block copolymer templates. <i>Journal of Materials Science</i> , 2014 , 49, 5246-5255	4.3	2
122	Patterned assembly of luminescent nanocrystals: role of the molecular chemistry at the interface. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	3
121	Two-Dimensional Plasmonic Superlattice Based on Au Nanoparticles Self-Assembling onto a Functionalized Substrate. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 7579-7590	3.8	15
120	Segmented poly(styrene-co-vinylpyridine) as multivalent host for CdSe nanocrystal based nanocomposites. <i>European Polymer Journal</i> , 2014 , 60, 222-234	5.2	10

119	Electroactive layer-by-layer plasmonic architectures based on Au nanorods. <i>Langmuir</i> , 2014 , 30, 2608-184		18
118	Nanocomposites Based on Luminescent Colloidal Nanocrystals and Polymeric Ionic Liquids towards Optoelectronic Applications. <i>Materials</i> , 2014 , 7, 591-610	3.5	5
117	Morphological Study of CdSe Nanocrystals Passivated with a Low Band Gap Rod-Coil Diblock Copolymer for Hybrid Solar Cells. <i>Advances in Science and Technology</i> , 2014 , 93, 235-240	0.1	2
116	Uniform TiO ₂ /In ₂ O ₃ surface films effective in bacterial inactivation under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014 , 279, 1-7	4.7	22
115	Photodegradation of nalidixic acid assisted by TiO ₂ (2) nanorods/Ag nanoparticles based catalyst. <i>Chemosphere</i> , 2013 , 91, 941-7	8.4	33
114	Nano-Localized Heating Source for Photonics and Plasmonics. <i>Advanced Optical Materials</i> , 2013 , 1, 899-904		32
113	Fabrication of flexible all-inorganic nanocrystal solar cells by room-temperature processing. <i>Energy and Environmental Science</i> , 2013 , 6, 1565	35.4	29
112	Metallic nanoparticles enhanced the spontaneous emission of semiconductor nanocrystals embedded in nanoimprinted photonic crystals. <i>Nanoscale</i> , 2013 , 5, 239-45	7.7	11
111	Assembly of Gold Nanorods for Highly Sensitive Detection of Mercury Ions. <i>IEEE Sensors Journal</i> , 2013 , 13, 2834-2841	4	11
110	A combined size sorting strategy for monodisperse plasmonic nanostructures. <i>Nanoscale</i> , 2013 , 5, 3272-87		21
109	Interaction of TiO ₂ Nanocrystals with Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 12923-12929	3.8	30
108	Semiconductor nanocrystals dispersed in imidazolium-based ionic liquids: a spectroscopic and morphological investigation. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	5
107	Plasmon mediated super-absorber flexible nanocomposites for metamaterials. <i>Nanoscale</i> , 2013 , 5, 6097-105		12
106	Ion-directed assembly of gold nanorods: a strategy for mercury detection. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 1084-92	9.5	53
105	Functionalized luminescent nanocrystals on patterned surfaces obtained by radio frequency glow discharges. <i>Nanotechnology</i> , 2013 , 24, 145302	3.4	4
104	Hybrid charge transfer complexes based on archaeal glycolipids wrapping single walled carbon nanotubes. <i>Chemical Communications</i> , 2013 , 49, 6941-3	5.8	5
103	Liquid Crystals: Nano-Localized Heating Source for Photonics and Plasmonics (Advanced Optical Materials 12/2013). <i>Advanced Optical Materials</i> , 2013 , 1, 992-992	8.1	5
102	Near Infrared Emission from Monomodal and Bimodal PbS Nanocrystal Superlattices. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 6143-6152	3.8	23

101	Polyelectrolyte multilayers as a platform for luminescent nanocrystal patterned assemblies. <i>Langmuir</i> , 2012 , 28, 5964-74	4	10
100	Surface chemical functionalisation of epoxy photoresist-based microcantilevers with organic-coated TiO ₂ nanocrystals. <i>Micro and Nano Letters</i> , 2012 , 7, 337	0.9	
99	Surface chemical functionalization of single walled carbon nanotubes with a bacteriorhodopsin mutant. <i>Nanoscale</i> , 2012 , 4, 6434-41	7.7	10
98	Surface-Functionalized Inorganic Colloidal Nanocrystals in Functional Nanocomposite Materials for Microfabrication 2012 , 263-283		
97	Spectroscopic study on imidazolium-based ionic liquids: effect of alkyl chain length and anion. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 3512-8	3.4	55
96	Nanocomposites based on highly luminescent nanocrystals and semiconducting conjugated polymer for inkjet printing. <i>Nanotechnology</i> , 2012 , 23, 075701	3.4	8
95	Phase transfer of CdS nanocrystals mediated by heptamine β -cyclodextrin. <i>Langmuir</i> , 2012 , 28, 8711-20	4	7
94	Meso-Crystallographic Study of a Three-Dimensional Self-Assembled Bimodal Nanocrystal Superlattice. <i>Crystal Growth and Design</i> , 2012 , 12, 1970-1976	3.5	9
93	Nanocrystalline TiO ₂ based films onto fibers for photocatalytic degradation of organic dye in aqueous solution. <i>Applied Catalysis B: Environmental</i> , 2012 , 121-122, 190-197	21.8	43
92	Photocatalytic Activity of Nanocomposite Catalyst Films Based on Nanocrystalline Metal/Semiconductors. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 12033-12040	3.8	34
91	Colloidal nanocrystal ZnO- and TiO ₂ -modified electrodes sensitized with chlorophyll a and carotenoids: a photoelectrochemical study. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 6467-6481	2.3	10
90	Self-organization of mono- and bi-modal PbS nanocrystal populations in superlattices. <i>CrystEngComm</i> , 2011 , 13, 3988	3.3	27
89	Oxide nanocrystal based nanocomposites for fabricating photoplastic AFM probes. <i>Nanoscale</i> , 2011 , 3, 4632-9	7.7	7
88	A cast-mold approach to iron oxide and Pt/iron oxide nanocontainers and nanoparticles with a reactive concave surface. <i>Journal of the American Chemical Society</i> , 2011 , 133, 2205-17	16.4	67
87	Biofunctionalization of anisotropic nanocrystalline semiconductor-magnetic heterostructures. <i>Langmuir</i> , 2011 , 27, 6962-70	4	21
86	Towards individual electrical contact of nanoparticles in nanocomposites. <i>Microelectronic Engineering</i> , 2011 , 88, 2439-2443	2.5	1
85	Microwave absorption properties of gold nanoparticle doped polymers. <i>Solid-State Electronics</i> , 2011 , 57, 19-22	1.7	5
84	Poly(methyl methacrylate) nanocomposites based on TiO ₂ nanocrystals: Tailoring material properties towards sensing. <i>Thin Solid Films</i> , 2011 , 519, 3931-3938	2.2	12

83	Tetrakis-(isopropoxy-carbonyl)-copper-phthalocyanine thin films: deposition, characterization and application. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010 , 14, 741-751	1.8	1
82	Colloidal chemistry routes for fabrication of nanoparticle-based metamaterials 2010 ,		1
81	Conjugated Polymer and Luminescent Nanocrystals for Ink-Jet Printing 2010 ,		1
80	Interplay between amplified spontaneous emission, Forster resonant energy transfer, and self-absorption in hybrid poly(9,9-dioctylfluorene)-CdSe/ZnS nanocrystal thin films. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 2086-90	2.8	13
79	Emerging methods for fabricating functional structures by patterning and assembling engineered nanocrystals. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 11197-207	3.6	34
78	Structural Investigation of Three-Dimensional Self-Assembled PbS Binary Superlattices. <i>Crystal Growth and Design</i> , 2010 , 10, 3770-3774	3.5	10
77	Precision patterning with luminescent nanocrystal-functionalized beads. <i>Langmuir</i> , 2010 , 26, 14294-3004	4	11
76	Colloidal Inorganic Nanocrystal Based Nanocomposites: Functional Materials for Micro and Nanofabrication. <i>Materials</i> , 2010 , 3, 1316-1352	3.5	42
75	Surface functionalization of epoxy-resist- based microcantilevers with iron oxide nanocrystals. <i>Advanced Materials</i> , 2010 , 22, 3288-92	24	13
74	DPD Simulations of PMMA-Oleic Acid Mixture Behaviour in Organic Capped Nanoparticle Based Polymer Nanocomposite. <i>Macromolecular Symposia</i> , 2009 , 286, 156-163	0.8	6
73	Surface Functionalization of Micro Mechanical Cantilever Sensors by Organic Capped TiO ₂ and Fe ₂ O ₃ Nanocrystals. <i>Procedia Chemistry</i> , 2009 , 1, 32-35		5
72	Inkjet-printed multicolor arrays of highly luminescent nanocrystal-based nanocomposites. <i>Small</i> , 2009 , 5, 1051-7	11	40
71	Chemically Directed Assembling of Functionalized Luminescent Nanocrystals onto Plasma Modified Substrates Towards Sensing and Optoelectronic Applications. <i>Plasma Processes and Polymers</i> , 2009 , 6, S870-S875	3.4	5
70	Drop-on-demand inkjet printing of highly luminescent CdS and CdSe@ZnS nanocrystal based nanocomposites. <i>Microelectronic Engineering</i> , 2009 , 86, 1124-1126	2.5	18
69	Magnetic Nanocrystals Modified Epoxy Photoresist for Microfabrication of AFM probes. <i>Procedia Chemistry</i> , 2009 , 1, 580-584		2
68	Functionalized copper(II)-phthalocyanine in solution and as thin film: photochemical and morphological characterization toward applications. <i>Langmuir</i> , 2009 , 25, 10305-13	4	20
67	A Multifrequency EPR Study on Organic-Capped Anatase TiO ₂ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 6221-6226	3.8	25
66	Photochemical Synthesis of Water-Soluble Gold Nanorods: The Role of Silver in Assisting Anisotropic Growth. <i>Chemistry of Materials</i> , 2009 , 21, 4192-4202	9.6	80

65	The fate of silver ions in the photochemical synthesis of gold nanorods: an extended X-ray absorption fine structure analysis. <i>Dalton Transactions</i> , 2009 , 10367-74	4.3	21
64	TiO ₂ nanorods/PMMA copolymer-based nanocomposites: highly homogeneous linear and nonlinear optical material. <i>Nanotechnology</i> , 2008 , 19, 205705	3.4	51
63	Hybrid nanocomposites based on luminescent colloidal nanocrystals in poly(methyl methacrylate): spectroscopical and morphological studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 628-34	1.3	4
62	Modification of spontaneous emission of (CdSe)ZnS nanocrystals embedded in nanoimprinted photonic crystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 535-9	1.3	5
61	Photocurrent generation in a CdS nanocrystals/poly[2-methoxy-5-(2-ethyl-xyloxy)phenylene vinylene] electrochemical cell. <i>Thin Solid Films</i> , 2008 , 516, 5010-5015	2.2	13
60	Interactions between surfactant capped CdS nanocrystals and organic solvent. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 92, 271-277	4.1	14
59	Luminescent nanocrystals in phospholipid micelles for bioconjugation: an optical and structural investigation. <i>Journal of Colloid and Interface Science</i> , 2008 , 325, 558-66	9.3	20
58	Effect of shape and surface chemistry of TiO ₂ colloidal nanocrystals on the organic vapor absorption capacity of TiO ₂ /PMMA composite. <i>Polymer</i> , 2008 , 49, 5526-5532	3.9	19
57	UV-Light-Driven Immobilization of Surface-Functionalized Oxide Nanocrystals onto Silicon. <i>Advanced Functional Materials</i> , 2007 , 17, 201-211	15.6	23
56	An Epoxy Photoresist Modified by Luminescent Nanocrystals for the Fabrication of 3D High-Aspect-Ratio Microstructures. <i>Advanced Functional Materials</i> , 2007 , 17, 2009-2017	15.6	34
55	Nanoimprinted photonic crystals for the modification of the (CdSe)ZnS nanocrystals light emission. <i>Microelectronic Engineering</i> , 2007 , 84, 1574-1577	2.5	14
54	Photocatalytic degradation of methyl red by TiO ₂ : comparison of the efficiency of immobilized nanoparticles versus conventional suspended catalyst. <i>Journal of Hazardous Materials</i> , 2007 , 142, 130-7	12.8	129
53	Nanocrystal-based luminescent composites for nanoimprinting lithography. <i>Small</i> , 2007 , 3, 822-8	11	48
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