

Marinella Striccoli

List of Publications by Year in descending order

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178
papers

4,100
citations

126708

33
h-index

168136

53
g-index

182
all docs

182
docs citations

182
times ranked

6167
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling in quantum dot molecular hetero-assemblies. <i>Materials Research Bulletin</i> , 2022, 146, 111578.	2.7	5
2	π-π Interactions Mediated Pyrene Based Ligand Enhanced Photoresponse in Hybrid Graphene/PbS Quantum Dots Photodetectors. <i>Advanced Electronic Materials</i> , 2022, 8, 2100672.	2.6	5
3	In Situ Formation of Zwitterionic Ligands: Changing the Passivation Paradigms of CsPbBr ₃ Nanocrystals. <i>Nano Letters</i> , 2022, 22, 4437-4444.	4.5	30
4	Photostable carbon dots with intense green emission in an open reactor synthesis. <i>Carbon</i> , 2022, 198, 230-243.	5.4	10
5	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.	3.2	5
6	High Efficiency FRET Processes in BODIPY Functionalized Quantum Dot Architectures. <i>Chemistry - A European Journal</i> , 2021, 27, 2371-2380.	1.7	17
7	Size-tunable and stable cesium lead-bromide perovskite nanocubes with near-unity photoluminescence quantum yield. <i>Nanoscale Advances</i> , 2021, 3, 3918-3928.	2.2	9
8	Plasma Treated Water Solutions in Cancer Treatments: The Contrasting Role of RNS. <i>Antioxidants</i> , 2021, 10, 605.	2.2	25
9	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, 4247.	1.7	22
10	PbS nanocrystals decorated Reduced Graphene Oxide for NIR responsive capacitive cathodes. <i>Carbon</i> , 2021, 182, 57-69.	5.4	8
11	Role of spacer cations and structural distortion in two-dimensional germanium halide perovskites. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9899-9906.	2.7	28
12	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.	1.7	9
13	Insights into the role of the lead/surfactant ratio in the formation and passivation of cesium lead bromide perovskite nanocrystals. <i>Nanoscale</i> , 2020, 12, 623-637.	2.8	48
14	A new route for the shape differentiation of cesium lead bromide perovskite nanocrystals with near-unity photoluminescence quantum yield. <i>Nanoscale</i> , 2020, 12, 17053-17063.	2.8	16
15	Low Temperature Synthesis of Photocatalytic Mesoporous TiO ₂ Nanomaterials. <i>Catalysts</i> , 2020, 10, 893.	1.6	15
16	Oil-Dispersible Green-Emitting Carbon Dots: New Insights on a Facile and Efficient Synthesis. <i>Materials</i> , 2020, 13, 3716.	1.3	9
17	CsPbBr ₃ Nanocrystals-Based Polymer Nanocomposite Films: Effect of Polymer on Spectroscopic Properties and Moisture Tolerance. <i>Energies</i> , 2020, 13, 6730.	1.6	6
18	Tuning Quantum Dots Coupling Using Organic Linkers with Different Vibrational Modes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16159-16165.	1.5	3

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19	PbS Quantum Dots Decorating TiO ₂ Nanocrystals: Synthesis, Topology, and Optical Properties of the Colloidal Hybrid Architecture. <i>Molecules</i> , 2020, 25, 2939.	1.7	2
20	Gold-Speckled SPION@SiO ₂ Nanoparticles Decorated with Thiocarbohydrates for ASGPR1 Targeting: Towards HCC Dual Mode Imaging Potential Applications. <i>Chemistry - A European Journal</i> , 2020, 26, 11048-11059.	1.7	8
21	Shape Tailoring of Iodine-Based Cesium Lead Halide Perovskite Nanocrystals in Hot-Injection Methods. <i>ChemNanoMat</i> , 2020, 6, 356-361.	1.5	18
22	Coupling effects in QD dimers at sub-nanometer interparticle distance. <i>Nano Research</i> , 2020, 13, 1071-1080.	5.8	16
23	Encapsulation of Dual Emitting Giant Quantum Dots in Silica Nanoparticles for Optical Ratiometric Temperature Nanosensors. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2767.	1.3	11
24	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.	0.5	0
25	Electrical Properties in PMMA/Carbon-Dots Nanocomposite Films Below the Percolation Threshold. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2020, , 235-250.	0.2	1
26	Optical and dielectric properties of PMMA (poly(methyl methacrylate))/carbon dots composites. <i>Polymer Composites</i> , 2019, 40, E1312-E1319.	2.3	20
27	FZD10 Carried by Exosomes Sustains Cancer Cell Proliferation. <i>Cells</i> , 2019, 8, 777.	1.8	31
28	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.	1.7	11
29	Green Fluorescent Terbium (III) Complex Doped Silica Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3139.	1.8	15
30	Near-Infrared Absorbing Solid Lipid Nanoparticles Encapsulating Plasmonic Copper Sulfide Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23205-23213.	1.5	9
31	Exploring the surface chemistry of cesium lead halide perovskite nanocrystals. <i>Nanoscale</i> , 2019, 11, 986-999.	2.8	106
32	Au nanoparticle <i>in situ</i> decorated RGO nanocomposites for highly sensitive electrochemical genosensors. <i>Journal of Materials Chemistry B</i> , 2019, 7, 768-777.	2.9	25
33	Thermal properties and electric modulus approach to the analysis of dielectric relaxation of nanocomposites based on carbon dots. <i>Polymer Composites</i> , 2019, 40, 4650-4657.	2.3	6
34	Solvent dispersible nanocomposite based on Reduced Graphene Oxide and in-situ decorated gold nanoparticles. <i>Carbon</i> , 2019, 152, 777-787.	5.4	12
35	Photocatalytic Application of Ag/TiO ₂ Hybrid Nanoparticles. , 2019, , 373-394.		2
36	Post-synthesis phase and shape evolution of CsPbBr ₃ colloidal nanocrystals: The role of ligands. <i>Nano Research</i> , 2019, 12, 1155-1166.	5.8	49

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37	Quantum Phenomena in Nanomaterials: Coherent Superpositions of Fine Structure States in CdSe Nanocrystals at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2019, 123, 31286-31293.	1.5	31
38	An n-Bit Adder Realized via Coherent Optical Parallel Computing. , 2019, , .		0
39	Single Domain 10 nm Ferromagnetism Imprinted on Superparamagnetic Nanoparticles Using Chiral Molecules. <i>Small</i> , 2019, 15, e1804557.	5.2	33
40	Luminescent Oil-Soluble Carbon Dots toward White Light Emission: A Spectroscopic Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 839-849.	1.5	43
41	Optical properties of nanocomposites based on (CdSe)ZnS core shell nanocrystals in cyclic olefin copolymer. <i>Synthetic Metals</i> , 2018, 245, 121-126.	2.1	3
42	A designed UV- α vis 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.	1.9	19
43	Deciphering hot- and multi-exciton dynamics in core-shell QDs by 2D electronic spectroscopies. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18176-18183.	1.3	26
44	Nanocomposite materials for photocatalytic degradation of pollutants. <i>Catalysis Today</i> , 2017, 281, 85-100.	2.2	161
45	Lipid-based systems loaded with PbS nanocrystals: near infrared emitting trackable nanovectors. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1471-1481.	2.9	17
46	Red-emitting AlEgen for luminescent solar concentrators. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1406-1412.	3.2	63
47	Sorafenib delivery nanoplatfom based on superparamagnetic iron oxide nanoparticles magnetically targets hepatocellular carcinoma. <i>Nano Research</i> , 2017, 10, 2431-2448.	5.8	54
48	Enhanced photoactivity and conductivity in transparent TiO ₂ nanocrystals/graphene hybrid anodes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9307-9315.	5.2	18
49	Photolithography based on nanocrystals. <i>Science</i> , 2017, 357, 353-354.	6.0	15
50	A push-pull silafluorene fluorophore for highly efficient luminescent solar concentrators. <i>RSC Advances</i> , 2017, 7, 37302-37309.	1.7	27
51	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.	4.0	20
52	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.	2.2	16
53	TiO ₂ nanocrystals decorated CVD graphene for electroanalytical sensing. , 2017, , .		0
54	Visible-Light-Active TiO ₂ -Based Hybrid Nanocatalysts for Environmental Applications. <i>Catalysts</i> , 2017, 7, 100.	1.6	93

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55	Drug delivery nanovectors based on SPIONS for targeted therapy of hepatocellular carcinoma. , 2017, , .		1
56	Colloidal Nanocrystalline Semiconductor Materials as Photocatalysts for Environmental Protection of Architectural Stone. Crystals, 2017, 7, 30.	1.0	17
57	Cytotoxicity Study on Luminescent Nanocrystals Containing Phospholipid Micelles in Primary Cultures of Rat Astrocytes. PLoS ONE, 2016, 11, e0153451.	1.1	18
58	TiO ₂ Nanocrystals Decorated CVD Graphene Based Hybrid for UV-Light Active Photoanodes. Procedia Engineering, 2016, 168, 396-402.	1.2	4
59	Rod-coil block copolymer as nanostructuring compatibilizer for efficient CdSe NCs/PCPDTBT hybrid solar cells. European Polymer Journal, 2016, 78, 352-363.	2.6	12
60	Fabrication of photoactive heterostructures based on quantum dots decorated with Au nanoparticles. Science and Technology of Advanced Materials, 2016, 17, 98-108.	2.8	23
61	Highly selective luminescent nanostructures for mitochondrial imaging and targeting. Nanoscale, 2016, 8, 3350-3361.	2.8	38
62	Integrin-targeting with peptide-bioconjugated semiconductor-magnetic nanocrystalline heterostructures. Nano Research, 2016, 9, 644-662.	5.8	19
63	Surface Functionalized Luminescent Nanocrystals Electrostatically Assembled onto a Patterned Substrate. Current Nanoscience, 2016, 12, 386-395.	0.7	2
64	Tuning light emission of PbS nanocrystals from infrared to visible range by cation exchange. Science and Technology of Advanced Materials, 2015, 16, 055007.	2.8	13
65	Photoelectrochemical properties of ZnO nanocrystals/MEH-PPV composite: The effects of nanocrystals synthetic route, film deposition and electrolyte composition. Thin Solid Films, 2015, 595, 157-163.	0.8	8
66	Photoactive Hybrid Material Based on Pyrene Functionalized PbS Nanocrystals Decorating CVD Monolayer Graphene. ACS Applied Materials & Interfaces, 2015, 7, 4151-4159.	4.0	29
67	UV-Curable Nanocomposite Based on Methacrylic-Siloxane Resin and Surface-Modified TiO ₂ Nanocrystals. ACS Applied Materials & Interfaces, 2015, 7, 15494-15505.	4.0	45
68	Transforming anatase TiO ₂ nanorods into ultrafine nanoparticles for advanced electrochemical performance. Journal of Power Sources, 2015, 294, 406-413.	4.0	11
69	Effect of Iron Oxide Nanocrystal Content on the Morphology and Magnetic Properties of Polystyrene- <i>block</i> -poly(methyl methacrylate) Diblock Copolymer Based Nanocomposites. Journal of Physical Chemistry C, 2015, 119, 6435-6445.	1.5	4
70	Next-generation thermo-plasmonic technologies and plasmonic nanoparticles in optoelectronics. Progress in Quantum Electronics, 2015, 41, 23-70.	3.5	65
71	Direct growth of shape controlled TiO ₂ nanocrystals onto SWCNTs for highly active photocatalytic materials in the visible. Applied Catalysis B: Environmental, 2015, 178, 91-99.	10.8	28
72	Recombination Dynamics of Colloidal Nanocrystals in Functionalized-Poly-Methylmethacrylate Nanocomposites. Nanoscience and Nanotechnology Letters, 2015, 7, 67-73.	0.4	4

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73	Nanocomposites Based on Luminescent Colloidal Nanocrystals and Polymeric Ionic Liquids towards Optoelectronic Applications. <i>Materials</i> , 2014, 7, 591-610.	1.3	5
74	Selective confinement of oleylamine capped Au nanoparticles in self-assembled PS-b-PEO diblock copolymer templates. <i>Soft Matter</i> , 2014, 10, 1676-1684.	1.2	20
75	Excitation-Dependent Ultrafast Carrier Dynamics of Colloidal TiO ₂ Nanorods in Organic Solvent. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25215-25222.	1.5	17
76	All solution processed low turn-on voltage near infrared LEDs based on core-shell PbS/CdS quantum dots with inverted device structure. <i>Nanoscale</i> , 2014, 6, 8551-8555.	2.8	37
77	GISAXS and GIWAXS study on self-assembling processes of nanoparticle based superlattices. <i>CrystEngComm</i> , 2014, 16, 9482-9492.	1.3	23
78	Biotin-decorated silica coated PbS nanocrystals emitting in the second biological near infrared window for bioimaging. <i>Nanoscale</i> , 2014, 6, 7924-7933.	2.8	28
79	Single white light emitting hybrid nanoarchitectures based on functionalized quantum dots. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5286.	2.7	36
80	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, 5026-5033.	4.0	7
81	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, 11805-11814.	4.0	12
82	H-bonding driven assembly of colloidal Au nanoparticles on nanostructured poly(styrene-b-ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	5
83	Patterned assembly of luminescent nanocrystals: role of the molecular chemistry at the interface. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	3
84	SERS Properties of Gold Nanorods at Resonance with Molecular, Transverse, and Longitudinal Plasmon Excitations. <i>Plasmonics</i> , 2014, 9, 581-593.	1.8	36
85	Hybrid Assemblies of Fluorescent Nanocrystals and Membrane Proteins in Liposomes. <i>Langmuir</i> , 2014, 30, 1599-1608.	1.6	30
86	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.	1.5	18
87	Segmented poly(styrene-co-vinylpyridine) as multivalent host for CdSe nanocrystal based nanocomposites. <i>European Polymer Journal</i> , 2014, 60, 222-234.	2.6	12
88	Electroactive Layer-by-Layer Plasmonic Architectures Based on Au Nanorods. <i>Langmuir</i> , 2014, 30, 2608-2618.	1.6	19
89	Micropatterning of Plastic Nanocomposite Films: Effect of Au Nanoparticle Content. <i>Science of Advanced Materials</i> , 2014, 6, 505-512.	0.1	1
90	Fabrication of flexible all-inorganic nanocrystal solar cells by room-temperature processing. <i>Energy and Environmental Science</i> , 2013, 6, 1565.	15.6	29

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91	Metallic nanoparticles enhanced the spontaneous emission of semiconductor nanocrystals embedded in nanoimprinted photonic crystals. <i>Nanoscale</i> , 2013, 5, 239-245.	2.8	11
92	Assembly of Gold Nanorods for Highly Sensitive Detection of Mercury Ions. <i>IEEE Sensors Journal</i> , 2013, 13, 2834-2841.	2.4	12
93	A combined size sorting strategy for monodisperse plasmonic nanostructures. <i>Nanoscale</i> , 2013, 5, 3272.	2.8	22
94	Interaction of TiO ₂ Nanocrystals with Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2013, 117, 12923-12929.	1.5	33
95	Semiconductor nanocrystals dispersed in imidazolium-based ionic liquids: a spectroscopic and morphological investigation. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	5
96	Plasmon mediated super-absorber flexible nanocomposites for metamaterials. <i>Nanoscale</i> , 2013, 5, 6097.	2.8	13
97	Functionalized luminescent nanocrystals on patterned surfaces obtained by radio frequency glow discharges. <i>Nanotechnology</i> , 2013, 24, 145302.	1.3	4
98	Hybrid charge transfer complexes based on archaeal glycolipids wrapping single walled carbon nanotubes. <i>Chemical Communications</i> , 2013, 49, 6941.	2.2	5
99	Space resolved relaxation dynamics of poly(vinyl acetate) close to interfaces with SiO _x nano-inclusions. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	2
100	Near Infrared Emission from Monomodal and Bimodal PbS Nanocrystal Superlattices. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6143-6152.	1.5	25
101	Polyelectrolyte Multilayers As a Platform for Luminescent Nanocrystal Patterned Assemblies. <i>Langmuir</i> , 2012, 28, 5964-5974.	1.6	10
102	Assembly of gold nanorods for highly sensitive detection of heavy metals. , 2012, , .		0
103	Surface chemical functionalisation of epoxy photoresist-based microcantilevers with organic-coated TiO ₂ nanocrystals. <i>Micro and Nano Letters</i> , 2012, 7, 337.	0.6	0
104	Surface chemical functionalization of single walled carbon nanotubes with a bacteriorhodopsin mutant. <i>Nanoscale</i> , 2012, 4, 6434.	2.8	11
105	Spectroscopic Study on Imidazolium-Based Ionic Liquids: Effect of Alkyl Chain Length and Anion. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3512-3518.	1.2	57
106	Nanocomposites based on highly luminescent nanocrystals and semiconducting conjugated polymer for inkjet printing. <i>Nanotechnology</i> , 2012, 23, 075701.	1.3	10
107	Phase Transfer of CdS Nanocrystals Mediated by Heptamine β -Cyclodextrin. <i>Langmuir</i> , 2012, 28, 8711-8720.	1.6	7
108	Meso-Crystallographic Study of a Three-Dimensional Self-Assembled Bimodal Nanocrystal Superlattice. <i>Crystal Growth and Design</i> , 2012, 12, 1970-1976.	1.4	9

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109	Percolating networks of TiO ₂ nanorods and carbon for high power lithium insertion electrodes. <i>Journal of Power Sources</i> , 2012, 206, 301-309.	4.0	81
110	Self-organization of mono- and bi-modal PbS nanocrystal populations in superlattices. <i>CrystEngComm</i> , 2011, 13, 3988.	1.3	28
111	Oxide nanocrystal based nanocomposites for fabricating photoplastic AFM probes. <i>Nanoscale</i> , 2011, 3, 4632.	2.8	7
112	Enhanced extraction efficiency in nanoimprinted light emitting structures mediated by plasmon-exciton interaction. , 2011, , .		0
113	Surface chemical functionalization of single walled carbon nanotubes by mutated Bacteriorhodopsin towards sensing applications. , 2011, , .		0
114	Dispersed and Encapsulated Gain Medium in Plasmonic Nanoparticles: a Multipronged Approach to Mitigate Optical Losses. <i>ACS Nano</i> , 2011, 5, 5823-5829.	7.3	66
115	Biofunctionalization of Anisotropic Nanocrystalline Semiconductorâ€“Magnetic Heterostructures. <i>Langmuir</i> , 2011, 27, 6962-6970.	1.6	22
116	Towards individual electrical contact of nanoparticles in nanocomposites. <i>Microelectronic Engineering</i> , 2011, 88, 2439-2443.	1.1	1
117	Poly(methyl methacrylate) nanocomposites based on TiO ₂ nanocrystals: Tailoring material properties towards sensing. <i>Thin Solid Films</i> , 2011, 519, 3931-3938.	0.8	15
118	Colloidal Inorganic Nanocrystal Based Nanocomposites: Functional Materials for Micro and Nanofabrication. <i>Materials</i> , 2010, 3, 1316-1352.	1.3	47
119	Surface Functionalization of Epoxyâ€“Resistâ€“Based Microcantilevers with Iron Oxide Nanocrystals. <i>Advanced Materials</i> , 2010, 22, 3288-3292.	11.1	14
120	Colloidal chemistry routes for fabrication of nanoparticle-based metamaterials. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
121	Conjugated Polymer and Luminescent Nanocrystals for Ink-Jet Printing. , 2010, , .		1
122	Au Based Nanocomposites Towards Plasmonic Applications. , 2010, , .		1
123	Interplay between Amplified Spontaneous Emission, FÃ¶rster 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, 2086-2090.	1.1	14
124	Emerging methods for fabricating functional structures by patterning and assembling engineered nanocrystals. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11197.	1.3	35
125	Structural Investigation of Three-Dimensional Self-Assembled PbS Binary Superlattices. <i>Crystal Growth and Design</i> , 2010, 10, 3770-3774.	1.4	11
126	Precision Patterning with Luminescent Nanocrystal-Functionalized Beads. <i>Langmuir</i> , 2010, 26, 14294-14300.	1.6	11

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127	DPD Simulations of PMMA-Oleic Acid Mixture Behaviour in Organic Capped Nanoparticle Based Polymer Nanocomposite. <i>Macromolecular Symposia</i> , 2009, 286, 156-163.	0.4	6
128	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.	0.7	5
129	Inkjet-Printed Multicolor Arrays of Highly Luminescent Nanocrystal-Based Nanocomposites. <i>Small</i> , 2009, 5, 1051-1057.	5.2	44
130	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.	1.6	5
131	Drop-on-demand inkjet printing of highly luminescent CdS and CdSe@ZnS nanocrystal based nanocomposites. <i>Microelectronic Engineering</i> , 2009, 86, 1124-1126.	1.1	19
132	Magnetic Nanocrystals Modified Epoxy Photoresist for Microfabrication of AFM probes. <i>Procedia Chemistry</i> , 2009, 1, 580-584.	0.7	2
133	A Multifrequency EPR Study on Organic-Capped Anatase TiO ₂ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6221-6226.	1.5	25
134	Photochemical Synthesis of Water-Soluble Gold Nanorods: The Role of Silver in Assisting Anisotropic Growth. <i>Chemistry of Materials</i> , 2009, 21, 4192-4202.	3.2	85
135	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.	1.6	21
136	Nanocrystal-Based Polymer Composites as Novel Functional Materials. , 2009, , 173-192.		1
137	Enhanced photoluminescence from metals and nanoimprinted photonic crystals. , 2009, , .		0
138	Photocurrent generation in a CdS nanocrystals/poly[2-methoxy-5-(2-ethyl-hexyloxy)phenylene vinylene] electrochemical cell. <i>Thin Solid Films</i> , 2008, 516, 5010-5015.	0.8	13
139	Interactions between surfactant capped CdS nanocrystals and organic solvent. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 271-277.	2.0	15
140	Synthesis of Poly(arylenevinylene)s with Fluorinated Vinylene Units. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1977-1982.	1.2	69
141	Luminescent nanocrystals in phospholipid micelles for bioconjugation: An optical and structural investigation. <i>Journal of Colloid and Interface Science</i> , 2008, 325, 558-566.	5.0	21
142	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.	1.8	22
143	TiO ₂ nanorods/PMMA copolymer-based nanocomposites: highly homogeneous linear and nonlinear optical material. <i>Nanotechnology</i> , 2008, 19, 205705.	1.3	57
144	Influence of Keto Groups on the Optical, Electronic, and Electroluminescent Properties of Random Fluorenone-Containing Poly(fluorenylene-vinylene)s. <i>Journal of Physical Chemistry C</i> , 2008, 112, 20076-20087.	1.5	27

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145	Hybrid Nanocomposites Based on Luminescent Colloidal Nanocrystals in Poly(methyl methacrylate): Spectroscopical and Morphological Studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 628-634.	0.9	4
146	Modification of Spontaneous Emission of (CdSe)ZnS Nanocrystals Embedded in Nanoimprinted Photonic Crystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 535-539.	0.9	5
147	Investigation of morphology of nanocrystal based nanocomposites. Theoretical and computational analysis. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
148	Photoluminescence enhancement in metallic nanocomposite printable polymer. <i>Journal of Vacuum Science & Technology B</i> , 2007, 25, 2642.	1.3	18
149	Nanoimprinted photonic component for light extraction applications. , 2007, , .		0
150	Spontaneous emission control of colloidal nanocrystals using nanoimprinted photonic crystals. <i>Applied Physics Letters</i> , 2007, 90, 011115.	1.5	25
151	UV-Light-Driven Immobilization of Surface-Functionalized Oxide Nanocrystals onto Silicon. <i>Advanced Functional Materials</i> , 2007, 17, 201-211.	7.8	26
152	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.	7.8	43
153	Nanoimprinted photonic crystals for the modification of the (CdSe)ZnS nanocrystals light emission. <i>Microelectronic Engineering</i> , 2007, 84, 1574-1577.	1.1	19
154	Nanocrystal-Based Luminescent Composites for Nanoimprinting Lithography. <i>Small</i> , 2007, 3, 822-828.	5.2	55
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