Suresh Valiyaveettil

List of Publications by Year
in descending order

257 papers	15,814 citations	26630 56 h-index	19190 118 g-index
263 all docs	263 docs citations	263 times ranked	21637 citing authors

#	Article	IF	Citations
1	Strongly co-ordinated MOF-PSF matrix for selective adsorption, separation and photodegradation of dyes. Chemical Engineering Journal, 2022, 428, 132561.	12.7	61
2	A comparative investigation of toxicity of three polymer nanoparticles on acorn barnacle (Amphibalanus amphitrite). Science of the Total Environment, 2022, 806, 150965.	8.0	17
3	Inhibiting Erastinâ€Induced Ferroptotic Cell Death by Purineâ€Based Chelators. ChemBioChem, 2022, 23, .	2.6	1
4	Transfer of Poly(methyl methacrylate) Nanoparticles from Parents to Offspring and the Protection Mechanism in Two Marine Invertebrates. ACS Sustainable Chemistry and Engineering, 2022, 10, 37-49.	6.7	3
5	Sequential Removal of Oppositely Charged Multiple Compounds from Water Using Surface-Modified Cellulose. Industrial & Engineering Chemistry Research, 2022, 61, 716-726.	3.7	1
6	Chemical transformation of soya waste into stable adsorbent for enhanced removal of methylene blue and neutral red from water. Journal of Environmental Chemical Engineering, 2021, 9, 104902.	6.7	46
7	Understanding the interactions of poly(methyl methacrylate) and poly(vinyl chloride) nanoparticles with BHK-21 cell line. Scientific Reports, 2021, 11, 2089.	3.3	43
8	Comparison of Genotoxicity and Cytotoxicity of Polyvinyl Chloride and Poly(methyl methacrylate) Nanoparticles on Normal Human Lung Cell Lines. Chemical Research in Toxicology, 2021, 34, 1468-1480.	3.3	16
9	Effect of Polymer Nano- and Microparticles on Calcium Carbonate Crystallization. ACS Omega, 2021, 6, 20522-20529.	3.5	18
10	Surface functionalized cellulose fibers â€“ A renewable adsorbent for removal of plastic nanoparticles from water. Journal of Hazardous Materials, 2021, 413, 125301.	12.4	59
11	Cuâ€“tetracatechol metallopolymer catalyst for three component click reactions and Î²-borylation of Î±,Î²-unsaturated carbonyl compounds. Chemical Communications, 2020, 56, 13044-13047.	4.1	7
12	Fine-Tuning the Electronic Properties of Azo Chromophore-Incorporated Perylene Bisimide Dyads. Journal of Organic Chemistry, 2020, 85, 10593-10602.	3.2	6
13	Coprecipitationâ€”An Efficient Method for Removal of Polymer Nanoparticles from Water. ACS Sustainable Chemistry and Engineering, 2020, 8, 13481-13487.	6.7	39
14	Bioinspired adenineâ€“dopamine immobilized polymer hydrogel adhesives for tissue engineering. Chemical Communications, 2020, 56, 11303-11306.	4.1	17
15	A Naphthalene Diimide Based Macrocycle Containing Quaternary Ammonium Groups: An Electronâ€Deficient Host for Aromatic Carboxylate Derivatives. ChemPlusChem, 2020, 85, 1430-1437.	2.8	4
16	Room-Temperature Patterning of Nanoscale MoS₂ under an Electron Beam. ACS Applied Materials & Interfaces, 2020, 12, 16772-16781.	8.0	10
17	Toxicity of Microplastics and Nanoplastics in Mammalian Systems. International Journal of Environmental Research and Public Health, 2020, 17, 1509.	2.6	423
18	Tubular Perylene Bisimide Macrocycles for the Recognition of Geometrical Isomers of Azobenzenes. Journal of Organic Chemistry, 2020, 85, 3092-3100.	3.2	6

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19	Modular Synthesis and Structureâ€“Property Correlation of Pyrene â€“ Rylene Dyes for Cellular Imaging. European Journal of Organic Chemistry, 2020, 2020, 3303-3311.	2.4	5
20	Functional Catecholâ€“Metal Polymers via Interfacial Polymerization for Applications in Water Purification. ACS Applied Materials & Interfaces, 2020, 12, 19044-19053.	8.0	25
21	Gas-Induced Confinementâ€“Deconfinement Interplay in Organicâ€“Inorganic Hybrid Perovskite Thin Film Results in Systematic Band Modulation. ACS Applied Materials & Interfaces, 2019, 11, 43708-43718.	8.0	4
22	Oneâ€Pot Synthesis of Xanthateâ€Functionalized Cellulose for the Detection of Micromolar Copper(II) and Nickel(II) Ions. Clean - Soil, Air, Water, 2019, 47, 1900179.	1.1	11
23	Facile synthesis of oligo anilines as permanent hair dyes: how chemical modifications impart colour and avoid toxicity. New Journal of Chemistry, 2019, 43, 16188-16199.	2.8	11
24	Allelopathic effects of macroalgae on Pocillopora acuta coral larvae. Marine Environmental Research, 2019, 151, 104745.	2.5	24
25	Functionalized Cellulose for Water Purification, Antimicrobial Applications, and Sensors. Advanced Functional Materials, 2018, 28, 1800409.	14.9	192
26	Alkyne-modified water-stable alkylammonium lead (II) iodide perovskite. MRS Communications, 2018, 8, 289-296.	1.8	1
27	Volatility and Chain Length Interplay of Primary Amines: Mechanistic Investigation on the Stability and Reversibility of Ammonia-Responsive Hybrid Perovskites. ACS Applied Materials & Interfaces, 2018, 10, 6711-6718.	8.0	28
28	Fate of Nanoplastics in Marine Larvae: A Case Study Using Barnacles, Amphibalanus amphitrite. ACS Sustainable Chemistry and Engineering, 2018, 6, 6932-6940.	6.7	86
29	Polymer coated silicon microring device for the detection of sub-ppm volatile organic compounds. Sensors and Actuators B: Chemical, 2018, 257, 136-142.	7.8	18
30	Fruit and Vegetable Peels as Efficient Renewable Adsorbents for Removal of Pollutants from Water: A Research Experience for General Chemistry Students. Journal of Chemical Education, 2018, 95, 1354-1358.	2.3	21
31	Controlled Dye Aggregation in Sodium Dodecylsulfate-Stabilized Poly(methylmethacrylate) Nanoparticles as Fluorescent Imaging Probes. ACS Omega, 2018, 3, 7663-7672.	3.5	22
32	Enhanced electrochemical performance of W incorporated VO2 nanocomposite cathode material for lithium battery application. Electrochimica Acta, 2018, 282, 480-489.	5.2	15
33	Successive extraction of As(V), Cu(II) and P(V) ions from water using spent coffee powder as renewable bioadsorbents. Scientific Reports, 2017, 7, 42881.	3.3	37
34	Soluble Graphene Nanoribbons from Planarization of Oligophenylenes. Chemistry - A European Journal, 2017, 23, 1686-1693.	3.3	6
35	Successive Extraction of As(V), Cu(II), and P(V) Ions from Water Using Surface Modified Ghee Residue Protein. ACS Sustainable Chemistry and Engineering, 2017, 5, 3742-3750.	6.7	14
36	Conjugated polyphenols: Investigation of structure-property relationships and complexation with zinc ions. European Polymer Journal, 2017, 87, 99-112.	5.4	1

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37	Larvicidal, super hydrophobic and antibacterial properties of herbal nanoparticles from Acalypha indica for biomedical applications. RSC Advances, 2017, 7, 41763-41770.	3.6	30
38	Direct Patterning of Zinc Sulfide on a Sub-10 Nanometer Scale via Electron Beam Lithography. ACS Nano, 2017, 11, 9920-9929.	14.6	26
39	Molecular Organization Induced Anisotropic Properties of Perylene â€“ Silica Hybrid Nanoparticles. Scientific Reports, 2017, 7, 7842.	3.3	10
40	An ecofriendly route to enhance the antibacterial and textural properties of cotton fabrics using herbal nanoparticles from Azadirachta indica (neem). Journal of Alloys and Compounds, 2017, 723, 698-707.	5.5	31
41	Oriented perylene incorporated optically anisotropic 2D silica films. RSC Advances, 2017, 7, 32692-32702.	3.6	3
42	Synthesis of multi-donor dyes and influence of molecular design on dye-sensitized solar cells. RSC Advances, 2016, 6, 51807-51815.	3.6	3
43	Solvent dependent isomerization of photochromic dithienylethenes: synthesis, photochromism, and self-assembly. RSC Advances, 2016, 6, 95137-95148.	3.6	5
44	Perylene derivatives as a fluorescent probe for sensing of amines in solution. Dyes and Pigments, 2016, 134, 306-314.	3.7	53
45	Synthesis, characterization, and structure-property investigation of conformationally rigid regioisomers of poly(p-phenylene ethynylene)s. Journal of Polymer Science Part A, 2016, 54, 3652-3662.	2.3	2
46	New banana shaped Aâ€“Dâ€“Ïâ€“Dâ€“A type organic dyes containing two anchoring groups for high performance dye-sensitized solar cells. Dyes and Pigments, 2016, 134, 375-381.	3.7	25
47	Synthesis, characterization and application of luminescent silica nanomaterials. Journal of Materials Chemistry C, 2016, 4, 11190-11197.	5.5	7
48	Synthesis and Characterization of Superhydrophobic, Self-cleaning NIR-reflective Silica Nanoparticles. Scientific Reports, 2016, 6, 35993.	3.3	72
49	BODIPY based hyperbranched conjugated polymers for detecting organic vapors. Polymer Chemistry, 2016, 7, 4213-4225.	3.9	33
50	Design and synthesis of new ruthenium complex for dye-sensitized solar cells. RSC Advances, 2016, 6, 57872-57879.	3.6	10
51	Topology and porosity modulation of polyurea films using interfacial polymerization. RSC Advances, 2016, 6, 24508-24517.	3.6	10
52	Functionalized paperâ€”A readily accessible adsorbent for removal of dissolved heavy metal salts and nanoparticles from water. Journal of Hazardous Materials, 2016, 302, 120-128.	12.4	106
53	Evaluation and removal of emerging nanoparticle contaminants in water treatment: a review. Desalination and Water Treatment, 2016, 57, 11221-11232.	1.0	30
54	Lowâ€Bandâ€Gap BODIPY Conjugated Copolymers for Sensing Volatile Organic Compounds. Chemistry - A European Journal, 2015, 21, 17344-17354.	3.3	28

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55	Aminoparticles â€“ synthesis, characterisation and application in water purification. RSC Advances, 2015, 5, 32862-32871.	3.6	2
56	Solution processable polyamines via click chemistry for water purification. RSC Advances, 2015, 5, 47647-47658.	3.6	3
57	Synthesis and structureâ€“property investigation of multi-arm oligothiophenes. RSC Advances, 2015, 5, 105435-105445.	3.6	3
58	Shape Sensitivity on Toxicity of Gold Nanoplates in Breast Cancer Cells. Journal of Nanoscience and Nanotechnology, 2015, 15, 9520-9530.	0.9	4
59	Co-precipitation with calcium carbonate â€“ a fast and nontoxic method for removal of nanopollutants from water?. RSC Advances, 2015, 5, 11023-11028.	3.6	14
60	In vitro and preliminary in vivo toxicity screening of high-surface-area TiO2â€“chondroitin-4-sulfate nanocomposites for bone regeneration application. Colloids and Surfaces B: Biointerfaces, 2015, 128, 347-356.	5.0	16
61	Synthesis of amphiphilic block copolyamines via click reaction. European Polymer Journal, 2015, 71, 114-125.	5.4	2
62	Fruit Peels as Efficient Renewable Adsorbents for Removal of Dissolved Heavy Metals and Dyes from Water. ACS Sustainable Chemistry and Engineering, 2015, 3, 1117-1124.	6.7	198
63	Utilization of corn fibers and luffa peels for extraction of pollutants from water. International Biodeterioration and Biodegradation, 2015, 103, 8-15.	3.9	37
64	Use of porous cellulose microcapsules for water treatment. RSC Advances, 2015, 5, 83286-83294.	3.6	15
65	Synthesis and self-assembly of polyhydroxylated and electropolymerizable block copolymers. Journal of Polymer Science Part A, 2014, 52, 2217-2227.	2.3	3
66	Synthesis of amineâ€functionalized block copolymers for nanopollutant removal from water. Journal of Applied Polymer Science, 2014, 131, .	2.6	17
67	PVA/Gluten Hybrid Nanofibers for Removal of Nanoparticles from Water. ACS Sustainable Chemistry and Engineering, 2014, 2, 1014-1021.	6.7	70
68	Chemically Modified Sawdust as Renewable Adsorbent for Arsenic Removal from Water. ACS Sustainable Chemistry and Engineering, 2014, 2, 2722-2729.	6.7	88
69	Multi-metal oxide incorporated microcapsules for efficient As(<scp>iii</scp>) and As(<scp>v</scp>) removal from water. RSC Advances, 2014, 4, 53365-53373.	3.6	12
70	Functionalized Carbon Spheres for Extraction of Nanoparticles and Catalyst Support in Water. ACS Sustainable Chemistry and Engineering, 2014, 2, 2675-2682.	6.7	58
71	Synthesis and photophysical properties of pyrene-based green fluorescent dyes: butterfly-shaped architectures. Organic and Biomolecular Chemistry, 2014, 12, 7914-7918.	2.8	11
72	In vivo cytotoxicity of MgO-doped nanobioactive glass particles and their anticorrosive coating on Tiâ€“6Alâ€“4V and SS304 implants for high load-bearing applications. RSC Advances, 2014, 4, 43630-43640.	3.6	11

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73	Anomalous metallic-like transport of Coâ€“Pd ferromagnetic nanoparticles cross-linked with Ï€-conjugated molecules having a rotational degree of freedom. Physical Chemistry Chemical Physics, 2014, 16, 288-296.	2.8	6
74	In vitro gene expression and preliminary in vivo studies of temperature-dependent titaniaâ€“graphene nanocomposites for bone replacement applications. RSC Advances, 2014, 4, 43951-43961.	3.6	8
75	Eggshell Membrane-Supported Recyclable Catalytic Noble Metal Nanoparticles for Organic Reactions. ACS Sustainable Chemistry and Engineering, 2014, 2, 855-859.	6.7	52
76	Differential Effect of Solar Light in Increasing the Toxicity of Silver and Titanium Dioxide Nanoparticles to a Fish Cell Line and Zebrafish Embryos. Environmental Science & Technology, 2014, 48, 6374-6382.	10.0	104
77	Architectural influence of carbazole pushâ€“pullâ€“pull dyes on dye sensitized solar cells. Dyes and Pigments, 2013, 99, 787-797.	3.7	20
78	Correlation of biocapping agents with cytotoxic effects of silver nanoparticles on human tumor cells. RSC Advances, 2013, 3, 14329.	3.6	27
79	Viscoelastic hydrogels from poly(vinyl alcohol)â€“Fe(iii) complex. Biomaterials Science, 2013, 1, 519.	5.4	36
80	Electron donating group substituted and Î±-d-mannopyranoside directly functionalized polydiacetylenes as a simplified bio-sensing system for detection of lectin and E. coli. Sensors and Actuators B: Chemical, 2013, 178, 563-571.	7.8	6
81	Biomimetic metal oxides for the extraction of nanoparticles from water. Nanoscale, 2013, 5, 3395.	5.6	53
82	Apple Peelsâ€”A Versatile Biomass for Water Purification?. ACS Applied Materials & Interfaces, 2013, 5, 4443-4449.	8.0	109
83	Charge transfer assisted nonlinear optical and photoconductive properties of CdS-AgInS2 nanocrystals grown in semiconducting polymers. Journal of Applied Physics, 2013, 113, 123107.	2.5	5
84	Functionalized poly(vinyl alcohol) based nanofibers for the removal of arsenic from water. RSC Advances, 2013, 3, 2776.	3.6	55
85	Structural basis for the allosteric inhibitory mechanism of human kidney-type glutaminase (KGA) and its regulation by Raf-Mek-Erk signaling in cancer cell metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7705-7710.	7.1	178
86	Simple and Efficient Biomimetic Synthesis of Mn₃O₄ Hierarchical Structures and Their Application in Water Treatment. Journal of Nanoscience and Nanotechnology, 2012, 12, 618-622.	0.9	15
87	Purification, characterization, and in vitro mineralization studies of a novel goose eggshell matrix protein, ansocalcin.. Journal of Biological Chemistry, 2012, 287, 20467.	3.4	0
88	Fabrication and Characterization of Hybrid Nanofibers from Poly(Vinyl Alcohol), Milk Protein and Metal Carbonates. Journal of Nanoscience and Nanotechnology, 2012, 12, 6156-6162.	0.9	8
89	Isolation and characterization of cellulose-based nanofibers for nanoparticleextraction from an aqueous environment. Journal of Materials Chemistry, 2012, 22, 1985-1993.	6.7	54
90	Differential regulation of intracellular factors mediating cell cycle, DNA repair and inflammation following exposure to silver nanoparticles in human cells. Genome Integrity, 2012, 3, 2.	1.0	121

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91	Application of tomato peel as an efficient adsorbent for water purificationâ€"alternative biotechnology?. RSC Advances, 2012, 2, 9914.	3.6	51
92	In situ preparation of silver nanoparticles on biocompatible methacrylated poly(vinyl alcohol) and cellulose based polymeric nanofibers. RSC Advances, 2012, 2, 11389.	3.6	56
93	Synthesis and Characterization of Polyelectrolyte Complex N-Succinylchitosan-chitosan for Proton Exchange Membranes. Procedia Chemistry, 2012, 4, 114-122.	0.7	10
94	Regioisomers of Perylenediimide: Synthesis, Photophysical, and Electrochemical Properties. Journal of Physical Chemistry B, 2012, 116, 4603-4614.	2.6	42
95	Synthesis of Perylene Dyes with Multiple Triphenylamine Substituents. Chemistry - A European Journal, 2012, 18, 11669-11676.	3.3	41
96	Concentration effects on emission of bay-substituted perylene diimide derivatives in a polymer matrix. Dyes and Pigments, 2012, 92, 1285-1291.	3.7	42
97	Polystyreneâ€blockâ€poly(methyl methacrylate): Initiation Issues with Block Copolymer Formation Using ARGET ATRP. Macromolecular Chemistry and Physics, 2012, 213, 79-86.	2.2	11
98	Functionalization of surfactant wrapped graphenenanosheets with alkylazides for enhanced dispersibility. Nanoscale, 2011, 3, 303-308.	5.6	133
99	Magnetic Sponge Prepared with an Alkanedithiol-Bridged Network of Nanomagnets. Journal of the American Chemical Society, 2011, 133, 11470-11473.	13.7	13
100	Surface modified electrospun poly(vinyl alcohol) membranes for extracting nanoparticles from water. Nanoscale, 2011, 3, 4625.	5.6	84
101	Health impact and safety of engineered nanomaterials. Chemical Communications, 2011, 47, 7025.	4.1	228
102	Comparison of the toxicity of silver, gold and platinum nanoparticles in developing zebrafish embryos. Nanotoxicology, 2011, 5, 43-54.	3.0	405
103	Low Band Gap Thiopheneâ"Perylene Diimide Systems with Tunable Charge Transport Properties. Organic Letters, 2011, 13, 18-21.	4.6	44
104	Polymer brushes on multiwalled carbon nanotubes by activators regenerated by electron transfer for atom transfer radical polymerization. Journal of Polymer Science Part A, 2011, 49, 4283-4291.	2.3	13
105	Carbon nanofibers extracted from soot as a sorbent for the determination of aromatic amines from wastewater effluent samples. Journal of Chromatography A, 2011, 1218, 3581-3587.	3.7	15
106	Flexible conductive graphene/poly(vinyl chloride) composite thin films with high mechanical strength and thermal stability. Carbon, 2011, 49, 198-205.	10.3	483
107	Novel on-site sample preparation approach with a portable agitator using functional polymer-coated multi-fibers for the microextraction of organophosphorus pesticides in seawater. Journal of Chromatography A, 2011, 1218, 654-661.	3.7	20
108	Active targeting of cancer cells using folic acid-conjugated platinum nanoparticles. Nanoscale, 2010, 2, 2607.	5.6	110

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109	Investigations on the Structural Damage in Human Erythrocytes Exposed to Silver, Gold, and Platinum Nanoparticles. Advanced Functional Materials, 2010, 20, 1233-1242.	14.9	122
110	Nanoparticles: Investigations on the Structural Damage in Human Erythrocytes Exposed to Silver, Gold, and Platinum Nanoparticles (Adv. Funct. Mater. 8/2010). Advanced Functional Materials, 2010, 20, .	14.9	1
111	Synthesis and property studies of linear and kinked poly(pyreneethynylene)s. Polymer, 2010, 51, 5078-5086.	3.8	4
112	Surfaceâ€Structured Goldâ€Nanotube Mats: Fabrication, Characterization, and Application in Surfaceâ€Enhanced Raman Scattering. Small, 2010, 6, 2443-2447.	10.0	18
113	Effect of TiO₂ Nanoparticles on Properties of Silica Refractory. Journal of the American Ceramic Society, 2010, 93, 2236-2243.	3.8	38
114	SNAKE-SHAPED GOLD NANOSTRUCTURES FROM HYDROXYETHYL CELLULOSE MEDIATED SYNTHESIS. International Journal of Nanoscience, 2010, 09, 431-437.	0.7	1
115	Nanolithography of Organic Films Using Scanning Probe Microscopy. , 2010, , 223-254.		0
116	Synthesis and Hole-Transporting Properties of Highly FluorescentN-Aryl Dithieno[3,2-b:2â€²,3â€²-d]pyrrole-Based Oligomers. Journal of Physical Chemistry C, 2010, 114, 4628-4635.	3.1	21
117	Magnetic Properties of Feâ^'Pd Alloy Nanoparticles. Journal of Physical Chemistry C, 2010, 114, 11699-11702.	3.1	18
118	DNA damage and p53-mediated growth arrest in human cells treated with platinum nanoparticles. Nanomedicine, 2010, 5, 51-64.	3.3	162
119	Synthesis and Photophysical Properties of Glass-Forming Bay-Substituted Perylenediimide Derivatives. Journal of Physical Chemistry B, 2010, 114, 1782-1789.	2.6	37
120	Synthesis and Characterization of Unsymmetric Indolodithienopyrrole and Extended Diindolodithienopyrrole. Organic Letters, 2010, 12, 232-235.	4.6	29
121	Synthesis and Optical properties of Perylene Bisimide Incorporated Low Bandgap Polymers for Photovoltaics. Materials Research Society Symposia Proceedings, 2009, 1154, 1.	0.1	1
122	Anti-proliferative activity of silver nanoparticles. BMC Cell Biology, 2009, 10, 65.	3.0	523
123	Synthesis and characterization of cross-conjugated cruciforms with varied functional groups. Tetrahedron Letters, 2009, 50, 5311-5314.	1.4	8
124	Charge transport studies in fluorene â€“ Dithieno[3,2-b:2â€²,3â€²-d]pyrrole oligomer using time-of-flight photoconductivity method. Organic Electronics, 2009, 10, 1534-1540.	2.6	19
125	Cationic surfactant mediated exfoliation of graphite into graphene flakes. Carbon, 2009, 47, 3288-3294.	10.3	278
126	Synthesis and Properties of Symmetric and Unsymmetric Dibenzothienopyrroles. Organic Letters, 2009, 11, 3358-3361.	4.6	40

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127	Cytotoxicity and Genotoxicity of Silver Nanoparticles in Human Cells. ACS Nano, 2009, 3, 279-290.	14.6	3,122
128	Thiadiazole Fused Indolo[2,3-a]carbazole Based Oligomers and Polymer. Organic Letters, 2009, 11, 4450-4453.	4.6	33
129	Effect of substituents on the electron transport properties of bay substituted perylene diimide derivatives. Journal of Materials Chemistry, 2009, 19, 4268.	6.7	97
130	NANOSTRUCTURES FROM DESIGNER PEPTIDES. , 2009, , 217-227.		0
131	Cross Linking of Gold Nanoparticles with Hexa-<I>peri</I>-hexabenzocoronene Derivatives. Journal of Nanoscience and Nanotechnology, 2009, 9, 6587-6593.	0.9	1
132	Hierarchical Selfâ€Organization of Nanomaterials into Twoâ€Dimensional Arrays Using Functional Polymer Scaffold. Advanced Functional Materials, 2008, 18, 3213-3218.	14.9	30
133	Structural Characterization of Myotoxic Ecarpholin S From Echis carinatus Venom. Biophysical Journal, 2008, 95, 3366-3380.	0.5	45
134	Synthesis and Self-Assembly of Copolymers with Pendant Electroactive Units. Macromolecules, 2008, 41, 6376-6386.	4.8	25
135	Toxicity of silver nanoparticles in zebrafish models. Nanotechnology, 2008, 19, 255102.	2.6	854
136	Cross-conjugated poly(p-phenylene) aided supramolecular self-organization of fullerene nanocrystallites. Chemical Communications, 2008, , 4945.	4.1	6
137	Structure, Self-Assembly, and Dual Role of a Î²-Defensin-like Peptide from the Chinese Soft-Shelled Turtle Eggshell Matrix. Journal of the American Chemical Society, 2008, 130, 4660-4668.	13.7	41
138	Polymer-Templated Self-Assembly of a 2-Dimensional Gold Nanoparticle Network. Langmuir, 2008, 24, 3905-3910.	3.5	42
139	Amphiphilic Poly(p-phenylene)-Driven Multiscale Assembly of Fullerenes to Nanowhiskers. ACS Nano, 2008, 2, 1429-1436.	14.6	28
140	Synthesis and Structureâ^'Property Investigation of Polyarenes with Conjugated Side Chains. Macromolecules, 2008, 41, 8473-8482.	4.8	9
141	Multicolored Carbon Nanotubes: Decorating Patterned Carbon Nanotube Microstructures with Quantum Dots. ACS Nano, 2008, 2, 1389-1395.	14.6	19
142	DISPERSION OF SINGLE-WALLED CARBON NANOTUBES IN WATER USING FLUOROPHORE-TAGGED POLYPEPTIDE. International Journal of Nanoscience, 2008, 07, 283-289.	0.7	0
143	NANOSTRUCTURES FROM DESIGNER PEPTIDES. Cosmos, 2008, 04, 173-183.	0.4	0
144	Impact of Multi-Walled Carbon Nanotubes on Aquatic Species. Journal of Nanoscience and Nanotechnology, 2008, 8, 3603-3609.	0.9	57

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145	Pd Nanoparticle Embedded with Only One Co Atom Behaves as a Single-Particle Magnet. Journal of the Physical Society of Japan, 2008, 77, 103701.	1.6	10
146	FUNCTIONALITY COMPARISONS OF SINGLE AND MULTI-WALLED NANOTUBES WITH GRAPHITIC FIBERS. International Journal of Nanoscience, 2007, 06, 149-153.	0.7	1
147	Fabrication of Nanostructure on a Polymer Film Using Atomic Force Microscope. Journal of Nanoscience and Nanotechnology, 2007, 7, 2172-2175.	0.9	3
148	Water-Soluble Multifunctional Cross-Conjugated Poly(p-phenylenes) as Stimuli-Responsive Materials:â€‰ Design, Synthesis, and Characterization. Macromolecules, 2007, 40, 6057-6066.	4.8	20
149	Biomimetic Synthesis of Calcium Carbonate Thin Films Using Hydroxylated Poly(methyl methacrylate) (PMMA) Template. Crystal Growth and Design, 2007, 7, 142-146.	3.0	39
150	Ultrathin Conjugated Polymer Network Films of Carbazole Functionalized Poly(p-Phenylenes) via Electropolymerization. Journal of Physical Chemistry B, 2007, 111, 6336-6343.	2.6	34
151	Biophysical Characterization of Anticoagulant Hemextin AB Complex from the Venom of Snake Hemachatus haemachatus. Biophysical Journal, 2007, 93, 3963-3976.	0.5	20
152	In Vitro Study of Magnesium-Calcite Biomineralization in the Skeletal Materials of the SeastarPisaster giganteus. Chemistry - A European Journal, 2007, 13, 3262-3268.	3.3	63
153	Synthesis and Patterning of Luminescent CaCO3 -Poly(p -phenylene) Hybrid Materials and Thin Films. Advanced Functional Materials, 2007, 17, 1698-1704.	14.9	19
154	BIFC and QFC promoted rapid and cleaner aromatization of 1,4â€dihydropyridines under solventâ€free condition. Journal of Heterocyclic Chemistry, 2007, 44, 973-977.	2.6	3
155	On-site polymer-coated hollow fiber membrane microextraction and gas chromatographyâ€“mass spectrometry of polychlorinated biphenyls and polybrominated diphenyl ethers. Journal of Chromatography A, 2007, 1139, 157-164.	3.7	53
156	Comparison of three chosen vegetables with others from South East Asia for their lutein and zeaxanthin content. Food Chemistry, 2007, 101, 1533-1539.	8.2	47
157	Direct removal of SU-8 using focused laser writing. Applied Physics A: Materials Science and Processing, 2007, 87, 71-76.	2.3	9
158	Size Selective Assembly of Colloidal Particles on a Template by Directed Self-Assembly Technique. Langmuir, 2006, 22, 8248-8252.	3.5	65
159	Formation of Transient Amorphous Calcium Carbonate Precursor in Quail Eggshell Mineralization:Â An In Vitro Study. Biomacromolecules, 2006, 7, 3202-3209.	5.4	105
160	Carbazole-Containing Conjugated Copolymers as Colorimetric/Fluorimetric Sensor for Iodide Anion. Macromolecules, 2006, 39, 8303-8310.	4.8	112
161	Mechanics of prestressed polydimethylsiloxane-carbon nanotube composite. Applied Physics Letters, 2006, 89, 184101.	3.3	20
162	Electrochemically Nanopatterned Conducting Coronas of a Conjugated Polymer Precursor:â€‰ SPM Parameters and Polymer Composition. Langmuir, 2006, 22, 3807-3811.	3.5	28

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