

Suresh Valiyaveetil

List of Publications by Year in descending order

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257
papers

15,814
citations

26630

56
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19190

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g-index

263
all docs

263
docs citations

263
times ranked

21637
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytotoxicity and Genotoxicity of Silver Nanoparticles in Human Cells. ACS Nano, 2009, 3, 279-290.	14.6	3,122
2	Toxicity of silver nanoparticles in zebrafish models. Nanotechnology, 2008, 19, 255102.	2.6	854
3	Anti-proliferative activity of silver nanoparticles. BMC Cell Biology, 2009, 10, 65.	3.0	523
4	Flexible conductive graphene/poly(vinyl chloride) composite thin films with high mechanical strength and thermal stability. Carbon, 2011, 49, 198-205.	10.3	483
5	Toxicity of Microplastics and Nanoplastics in Mammalian Systems. International Journal of Environmental Research and Public Health, 2020, 17, 1509.	2.6	423
6	Comparison of the toxicity of silver, gold and platinum nanoparticles in developing zebrafish embryos. Nanotoxicology, 2011, 5, 43-54.	3.0	405
7	Development and Application of Porous Membrane-Protected Carbon Nanotube Micro-Solid-Phase Extraction Combined with Gas Chromatography/Mass Spectrometry. Analytical Chemistry, 2006, 78, 2853-2858.	6.5	316
8	Cationic surfactant mediated exfoliation of graphite into graphene flakes. Carbon, 2009, 47, 3288-3294.	10.3	278
9	Scanning Tunneling Microscopy: A Unique Tool in the Study of Chirality, Dynamics, and Reactivity in Physisorbed Organic Monolayers. Accounts of Chemical Research, 2000, 33, 520-531.	15.6	266
10	Synthesis and Complexation Studies of Neutral Anion Receptors. Angewandte Chemie International Edition in English, 1993, 32, 900-901.	4.4	236
11	Health impact and safety of engineered nanomaterials. Chemical Communications, 2011, 47, 7025.	4.1	228
12	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
13	Functionalized Cellulose for Water Purification, Antimicrobial Applications, and Sensors. Advanced Functional Materials, 2018, 28, 1800409.	14.9	192
14	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
15	DNA damage and p53-mediated growth arrest in human cells treated with platinum nanoparticles. Nanomedicine, 2010, 5, 51-64.	3.3	162
16	Template-directed synthesis of aragonite under supramolecular hydrogen-bonded langmuir monolayers. Advanced Materials, 1997, 9, 124-127.	21.0	159
17	CaCO ₃ Biomineralization: Acidic 8-kDa Proteins Isolated from Aragonitic Abalone Shell Nacre Can Specifically Modify Calcite Crystal Morphology. Biomacromolecules, 2005, 6, 1289-1298.	5.4	154
18	Submolecularly Resolved Polymerization of Diacetylene Molecules on the Graphite Surface Observed with Scanning Tunneling Microscopy. Angewandte Chemie International Edition in English, 1997, 36, 2601-2603.	4.4	142

#	ARTICLE	IF	CITATIONS
19	Functionalization of surfactant wrapped graphene nanosheets with alkylazides for enhanced dispersibility. <i>Nanoscale</i> , 2011, 3, 303-308.	5.6	133
20	Investigations on the Structural Damage in Human Erythrocytes Exposed to Silver, Gold, and Platinum Nanoparticles. <i>Advanced Functional Materials</i> , 2010, 20, 1233-1242.	14.9	122
21	Solvent Codeposition and Cis-Trans Isomerization of Isophthalic Acid Derivatives Studied by STM. <i>The Journal of Physical Chemistry</i> , 1996, 100, 19636-19641.	2.9	121
22	Differential regulation of intracellular factors mediating cell cycle, DNA repair and inflammation following exposure to silver nanoparticles in human cells. <i>Genome Integrity</i> , 2012, 3, 2.	1.0	121
23	Carbazole-Containing Conjugated Copolymers as Colorimetric/Fluorimetric Sensor for Iodide Anion. <i>Macromolecules</i> , 2006, 39, 8303-8310.	4.8	112
24	Active targeting of cancer cells using folic acid-conjugated platinum nanoparticles. <i>Nanoscale</i> , 2010, 2, 2607.	5.6	110
25	Purification and Characterization of a Vaterite-Inducing Peptide, Pelovaterin, from the Eggshells of <i>Pelodiscus sinensis</i> (Chinese Soft-Shell Turtle). <i>Biomacromolecules</i> , 2005, 6, 1429-1437.	5.4	109
26	Apple Peels: A Versatile Biomass for Water Purification?. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4443-4449.	8.0	109
27	Self-Assembly of a Two-Component Hydrogen-Bonded Network: Comparison of the Two-Dimensional Structure Observed by Scanning Tunneling Microscopy and the Three-Dimensional Crystal Lattice. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1492-1495.	4.4	108
28	Functionalized paper: A readily accessible adsorbent for removal of dissolved heavy metal salts and nanoparticles from water. <i>Journal of Hazardous Materials</i> , 2016, 302, 120-128.	12.4	106
29	Formation of Transient Amorphous Calcium Carbonate Precursor in Quail Eggshell Mineralization: An In Vitro Study. <i>Biomacromolecules</i> , 2006, 7, 3202-3209.	5.4	105
30	Development and application of polymer-coated hollow fiber membrane microextraction to the determination of organochlorine pesticides in water. <i>Journal of Chromatography A</i> , 2004, 1033, 213-220.	3.7	104
31	Differential Effect of Solar Light in Increasing the Toxicity of Silver and Titanium Dioxide Nanoparticles to a Fish Cell Line and Zebrafish Embryos. <i>Environmental Science & Technology</i> , 2014, 48, 6374-6382.	10.0	104
32	Investigation of the role of ansocalcin in the biomineralization in goose eggshell matrix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5155-5159.	7.1	103
33	Expression of Chirality by Achiral Coadsorbed Molecules in Chiral Monolayers Observed by STM. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1223-1226.	13.8	100
34	A Bis(p-sulfonatophenyl)phenylphosphine-Based Synthesis of Hollow Pt Nanospheres. <i>Journal of Physical Chemistry B</i> , 2006, 110, 125-129.	2.6	98
35	Effect of substituents on the electron transport properties of bay substituted perylene diimide derivatives. <i>Journal of Materials Chemistry</i> , 2009, 19, 4268.	6.7	97
36	Effect of different coagulants on the isoflavone levels and physical properties of prepared firm tofu. <i>Food Chemistry</i> , 2006, 99, 492-499.	8.2	95

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37	Low-Surface-Energy Fluoromethacrylate Block Copolymers with Patternable Elements. <i>Chemistry of Materials</i> , 2000, 12, 33-40.	6.7	92
38	Supercritical CO ₂ Processing for Submicron Imaging of Fluoropolymers. <i>Chemistry of Materials</i> , 2000, 12, 41-48.	6.7	89
39	Chemically Modified Sawdust as Renewable Adsorbent for Arsenic Removal from Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2722-2729.	6.7	88
40	Fate of Nanoplastics in Marine Larvae: A Case Study Using Barnacles, <i>Amphibalanus amphitrite</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6932-6940.	6.7	86
41	Surface modified electrospun poly(vinyl alcohol) membranes for extracting nanoparticles from water. <i>Nanoscale</i> , 2011, 3, 4625.	5.6	84
42	Selective Nucleation of Calcium Carbonate Polymorphs: Role of Surface Functionalization and Poly(Vinyl Alcohol) Additive. <i>Crystal Growth and Design</i> , 2003, 3, 953-958.	3.0	83
43	Polymer-coated hollow-fiber microextraction of estrogens in water samples with analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1100, 137-143.	3.7	82
44	Synthesis and Characterization of Monodispersed Spheres of Amorphous Calcium Carbonate and Calcite Spherules. <i>Crystal Growth and Design</i> , 2005, 5, 1129-1134.	3.0	82
45	Controlled Deposition of Thin Films of Calcium Carbonate on Natural and Synthetic Templates. <i>Crystal Growth and Design</i> , 2004, 4, 331-335.	3.0	75
46	Developing macroporous bicontinuous materials as scaffolds for tissue engineering. <i>Biomaterials</i> , 2005, 26, 5609-5616.	11.4	75
47	Synthesis and Characterization of Superhydrophobic, Self-cleaning NIR-reflective Silica Nanoparticles. <i>Scientific Reports</i> , 2016, 6, 35993.	3.3	72
48	PVA/Gluten Hybrid Nanofibers for Removal of Nanoparticles from Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1014-1021.	6.7	70
49	Determination of alkylphenols and bisphenol-A. <i>Journal of Chromatography A</i> , 2005, 1087, 274-282.	3.7	66
50	Size Selective Assembly of Colloidal Particles on a Template by Directed Self-Assembly Technique. <i>Langmuir</i> , 2006, 22, 8248-8252.	3.5	65
51	In Vitro Study of Magnesium-Calcite Biomineralization in the Skeletal Materials of the Seastar <i>Pisaster giganteus</i> . <i>Chemistry - A European Journal</i> , 2007, 13, 3262-3268.	3.3	63
52	Expression of Chirality and Visualization of Stereogenic Centers by Scanning Tunneling Microscopy. <i>Langmuir</i> , 1999, 15, 2817-2822.	3.5	62
53	Strongly co-ordinated MOF-PSF matrix for selective adsorption, separation and photodegradation of dyes. <i>Chemical Engineering Journal</i> , 2022, 428, 132561.	12.7	61
54	Synthesis of a Novel Optically Tunable Amphiphilic Poly(p-phenylene): Influence of Hydrogen Bonding and Metal Complexation on Optical Properties. <i>Macromolecules</i> , 2001, 34, 6255-6260.	4.8	59

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55	Surface functionalized cellulose fibers – A renewable adsorbent for removal of plastic nanoparticles from water. <i>Journal of Hazardous Materials</i> , 2021, 413, 125301.	12.4	59
56	Functionalized Carbon Spheres for Extraction of Nanoparticles and Catalyst Support in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2675-2682.	6.7	58
57	Impact of Multi-Walled Carbon Nanotubes on Aquatic Species. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 3603-3609.	0.9	57
58	Purification, Characterization, and in Vitro Mineralization Studies of a Novel Goose Eggshell Matrix Protein, Ansocalcin. <i>Journal of Biological Chemistry</i> , 2003, 278, 2928-2936.	3.4	56
59	In situ preparation of silver nanoparticles on biocompatible methacrylated poly(vinyl alcohol) and cellulose based polymeric nanofibers. <i>RSC Advances</i> , 2012, 2, 11389.	3.6	56
60	Inclusion Complexes of Multiarm Poly(ethylene glycol) with Cyclodextrins. <i>Macromolecules</i> , 2002, 35, 1980-1983.	4.8	55
61	Functionalized poly(vinyl alcohol) based nanofibers for the removal of arsenic from water. <i>RSC Advances</i> , 2013, 3, 2776.	3.6	55
62	Isolation and characterization of cellulose-based nanofibers for nanoparticle extraction from an aqueous environment. <i>Journal of Materials Chemistry</i> , 2012, 22, 1985-1993.	6.7	54
63	On-site polymer-coated hollow fiber membrane microextraction and gas chromatography–mass spectrometry of polychlorinated biphenyls and polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , 2007, 1139, 157-164.	3.7	53
64	Biomimetic metal oxides for the extraction of nanoparticles from water. <i>Nanoscale</i> , 2013, 5, 3395.	5.6	53
65	Perylene derivatives as a fluorescent probe for sensing of amines in solution. <i>Dyes and Pigments</i> , 2016, 134, 306-314.	3.7	53
66	Eggshell Membrane-Supported Recyclable Catalytic Noble Metal Nanoparticles for Organic Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 855-859.	6.7	52
67	Application of tomato peel as an efficient adsorbent for water purification – alternative biotechnology?. <i>RSC Advances</i> , 2012, 2, 9914.	3.6	51
68	Direct Electrochemical Nanopatterning of Polycarbazole Monomer and Precursor Polymer Films: Ambient Formation of Thermally Stable Conducting Nanopatterns. <i>Langmuir</i> , 2006, 22, 780-786.	3.5	50
69	Inclusion Complexes of Poly(4-vinylpyridine)–Dodecylbenzenesulfonic Acid Complex and Cyclodextrins. <i>Macromolecules</i> , 2002, 35, 3997-4002.	4.8	48
70	Comparison of three chosen vegetables with others from South East Asia for their lutein and zeaxanthin content. <i>Food Chemistry</i> , 2007, 101, 1533-1539.	8.2	47
71	Intramolecular Hydrogen-Bond-Assisted Planarization of Asymmetrically Functionalized Alternating Phenylene-Pyridinylene Copolymers. <i>Chemistry - A European Journal</i> , 2005, 11, 5889-5898.	3.3	46
72	Amphiphilic Poly(p-phenylene)s for Self-Organized Porous Blue-Light-Emitting Thin Films. <i>Advanced Functional Materials</i> , 2006, 16, 2340-2345.	14.9	46

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73	Chemical transformation of soya waste into stable adsorbent for enhanced removal of methylene blue and neutral red from water. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104902.	6.7	46
74	Solâ€“gel-coated oligomers as novel stationary phases for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2005, 1087, 252-258.	3.7	45
75	Synthesis and characterization of ferrite nanocomposite spheres from hydroxylated polymers. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 296, 104-113.	2.3	45
76	Structural Characterization of Myotoxic Ecarpholin S From <i>Echis carinatus</i> Venom. <i>Biophysical Journal</i> , 2008, 95, 3366-3380.	0.5	45
77	Inclusion Complexes of Poly(neopentyl glycol sebacate) with Cyclodextrins. <i>Macromolecules</i> , 2001, 34, 8138-8142.	4.8	44
78	Eggshell Matrix Protein Mimics:â€‰ Designer Peptides to Induce the Nucleation of Calcite Crystal Aggregates in Solution. <i>Biomacromolecules</i> , 2003, 4, 1321-1326.	5.4	44
79	Nanolithographic Electropolymerization of a Precursor Polymer Film to Form Conducting Nanopatterns. <i>Advanced Materials</i> , 2005, 17, 1282-1285.	21.0	44
80	Low Band Gap Thiopheneâ€“Perylene Diimide Systems with Tunable Charge Transport Properties. <i>Organic Letters</i> , 2011, 13, 18-21.	4.6	44
81	Design of a capillary-microreactor for efficient Suzuki coupling reactions. <i>Tetrahedron Letters</i> , 2004, 45, 7297-7300.	1.4	43
82	Structureâ€“Function Relationship of Avian Eggshell Matrix Proteins:Â A Comparative Study of Two Major Eggshell Matrix Proteins, Ansoalcin and OC-17. <i>Biomacromolecules</i> , 2005, 6, 741-751.	5.4	43
83	Understanding the interactions of poly(methyl methacrylate) and poly(vinyl chloride) nanoparticles with BHK-21 cell line. <i>Scientific Reports</i> , 2021, 11, 2089.	3.3	43
84	Polymer-Templated Self-Assembly of a 2-Dimensional Gold Nanoparticle Network. <i>Langmuir</i> , 2008, 24, 3905-3910.	3.5	42
85	Regioisomers of Perylenediimide: Synthesis, Photophysical, and Electrochemical Properties. <i>Journal of Physical Chemistry B</i> , 2012, 116, 4603-4614.	2.6	42
86	Concentration effects on emission of bay-substituted perylene diimide derivatives in a polymer matrix. <i>Dyes and Pigments</i> , 2012, 92, 1285-1291.	3.7	42
87	Structure, Self-Assembly, and Dual Role of a Î²-Defensin-like Peptide from the Chinese Soft-Shelled Turtle Eggshell Matrix. <i>Journal of the American Chemical Society</i> , 2008, 130, 4660-4668.	13.7	41
88	Synthesis of Perylene Dyes with Multiple Triphenylamine Substituents. <i>Chemistry - A European Journal</i> , 2012, 18, 11669-11676.	3.3	41
89	Supramolecular structures formed from hydrogen-bonded networks of 5-alkoxyisophthalic acid. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2097-2098.	2.0	40
90	Solid-state self-assembly of a complex from 1,3,5-benzenetricarboxylic acid and 1,3,5-trihydroxybenzene: influence of strong Oâ€“Hâ€“O and Câ€“Hâ€“O hydrogen bonds. <i>New Journal of Chemistry</i> , 2001, 25, 890-892. ⁸		40

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91	Synthesis and Properties of Symmetric and Unsymmetric Dibenzothienopyrroles. <i>Organic Letters</i> , 2009, 11, 3358-3361.	4.6	40
92	Biomimetic Synthesis of Calcium Carbonate Thin Films Using Hydroxylated Poly(methyl methacrylate) (PMMA) Template. <i>Crystal Growth and Design</i> , 2007, 7, 142-146.	3.0	39
93	Coprecipitation—An Efficient Method for Removal of Polymer Nanoparticles from Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13481-13487.	6.7	39
94	Effect of TiO ₂ Nanoparticles on Properties of Silica Refractory. <i>Journal of the American Ceramic Society</i> , 2010, 93, 2236-2243.	3.8	38
95	Inclusion Complexes of Perfluorinated Oligomers with Cyclodextrins. <i>Macromolecules</i> , 2003, 36, 4241-4243.	4.8	37
96	Synthesis and Photophysical Properties of Glass-Forming Bay-Substituted Perylenediimide Derivatives. <i>Journal of Physical Chemistry B</i> , 2010, 114, 1782-1789.	2.6	37
97	Utilization of corn fibers and luffa peels for extraction of pollutants from water. <i>International Biodeterioration and Biodegradation</i> , 2015, 103, 8-15.	3.9	37
98	Successive extraction of As(V), Cu(II) and P(V) ions from water using spent coffee powder as renewable bioadsorbents. <i>Scientific Reports</i> , 2017, 7, 42881.	3.3	37
99	Intramolecular hydrogen bond assisted planarization and self-assembly of simple disc-shaped molecules in mesophases Electronic supplementary information (ESI) available: synthetic procedures for compounds 1 and 3 and crystallographic details for 3. See http://www.rsc.org/suppdata/cc/b2/b201742c/ . <i>Chemical Communications</i> , 2002, 1350-1351.	4.1	36
100	Viscoelastic hydrogels from poly(vinyl alcohol)-Fe(III) complex. <i>Biomaterials Science</i> , 2013, 1, 519.	5.4	36
101	Development and application of a simple capillary-microreactor for oxidation of glucose with a porous gold catalyst. <i>Chemical Communications</i> , 2005, , 409.	4.1	34
102	Ultrathin Conjugated Polymer Network Films of Carbazole Functionalized Poly(p-Phenylenes) via Electropolymerization. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6336-6343.	2.6	34
103	Mimicking the Function of Eggshell Matrix Proteins: The Role of Multiplets of Charged Amino Acid Residues and Self-Assembly of Peptides in Biomineralization. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5476-5479.	13.8	33
104	Thiadiazole Fused Indolo[2,3- <i>a</i>]carbazole Based Oligomers and Polymer. <i>Organic Letters</i> , 2009, 11, 4450-4453.	4.6	33
105	BODIPY based hyperbranched conjugated polymers for detecting organic vapors. <i>Polymer Chemistry</i> , 2016, 7, 4213-4225.	3.9	33
106	An ecofriendly route to enhance the antibacterial and textural properties of cotton fabrics using herbal nanoparticles from <i>Azadirachta indica</i> (neem). <i>Journal of Alloys and Compounds</i> , 2017, 723, 698-707.	5.5	31
107	Hierarchical Self-Organization of Nanomaterials into Two-Dimensional Arrays Using Functional Polymer Scaffold. <i>Advanced Functional Materials</i> , 2008, 18, 3213-3218.	14.9	30
108	Evaluation and removal of emerging nanoparticle contaminants in water treatment: a review. <i>Desalination and Water Treatment</i> , 2016, 57, 11221-11232.	1.0	30

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109	Larvicidal, super hydrophobic and antibacterial properties of herbal nanoparticles from <i>Acalypha indica</i> for biomedical applications. <i>RSC Advances</i> , 2017, 7, 41763-41770.	3.6	30
110	Inclusion Complexes of Single-C60-End-Capped Poly(ethylene oxide) with Cyclodextrins. <i>Macromolecules</i> , 2002, 35, 1399-1402.	4.8	29
111	Synthesis and Characterization of Luminescent Conjugated Polymer-Silica Composite Spheres. <i>Chemistry of Materials</i> , 2006, 18, 1213-1218.	6.7	29
112	Synthesis and Characterization of Unsymmetric Indolodithienopyrrole and Extended Diindolodithienopyrrole. <i>Organic Letters</i> , 2010, 12, 232-235.	4.6	29
113	Role of soluble polymers on the preparation of functional thin films of calcium carbonate. <i>Surface and Coatings Technology</i> , 2005, 198, 227-230.	4.8	28
114	Electrochemically Nanopatterned Conducting Coronas of a Conjugated Polymer Precursor: SPM Parameters and Polymer Composition. <i>Langmuir</i> , 2006, 22, 3807-3811.	3.5	28
115	Self-Assembly of Pentaphenol Adducts: Formation of 3D Network and Ladder-type Supramolecular Structures in the Solid State. <i>Crystal Growth and Design</i> , 2006, 6, 636-642.	3.0	28
116	Amphiphilic Poly(<i>p</i> -phenylene)-Driven Multiscale Assembly of Fullerenes to Nanowhiskers. <i>ACS Nano</i> , 2008, 2, 1429-1436.	14.6	28
117	Low-Bandgap BODIPY Conjugated Copolymers for Sensing Volatile Organic Compounds. <i>Chemistry - A European Journal</i> , 2015, 21, 17344-17354.	3.3	28
118	Volatility and Chain Length Interplay of Primary Amines: Mechanistic Investigation on the Stability and Reversibility of Ammonia-Responsive Hybrid Perovskites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6711-6718.	8.0	28
119	Correlation of biocapping agents with cytotoxic effects of silver nanoparticles on human tumor cells. <i>RSC Advances</i> , 2013, 3, 14329.	3.6	27
120	Synthesis and Solid-State Self-Assembly of Polyphenols. <i>Crystal Growth and Design</i> , 2004, 4, 553-561.	3.0	26
121	Direct Patterning of Zinc Sulfide on a Sub-10 Nanometer Scale via Electron Beam Lithography. <i>ACS Nano</i> , 2017, 11, 9920-9929.	14.6	26
122	Selbstorganisation eines Zweikomponentensystems über Wasserstoffbrückenbindung in zwei und drei Dimensionen: Vergleich von rastertunnelmikroskopischen Aufnahmen und Röntgenstrukturanalysen. <i>Angewandte Chemie</i> , 1996, 108, 1599-1602.	2.0	25
123	Multiphase self-assembly of 5-alkoxyisophthalic acid and its applications. <i>New Journal of Chemistry</i> , 1998, 22, 89-95.	2.8	25
124	Polymer-coated hollow fiber microextraction combined with on-column stacking in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2006, 1128, 267-272.	3.7	25
125	Synthesis and Self-Assembly of Copolymers with Pendant Electroactive Units. <i>Macromolecules</i> , 2008, 41, 6376-6386.	4.8	25
126	New banana shaped A-A type organic dyes containing two anchoring groups for high performance dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2016, 134, 375-381.	3.7	25

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127	Functional Catechol-Metal Polymers via Interfacial Polymerization for Applications in Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19044-19053.	8.0	25
128	Photophysical and Nonlinear-Optical Properties of a New Polymer: π -Hydroxylated Pyridyl Para-phenylene. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11043-11047.	2.6	24
129	Allelopathic effects of macroalgae on <i>Pocillopora acuta</i> coral larvae. <i>Marine Environmental Research</i> , 2019, 151, 104745.	2.5	24
130	Molecular order and dynamics of liquid crystals formed from hydrogen-bonded networks of 5-octadecyloxyisophthalic acid. <i>Journal of Materials Chemistry</i> , 1995, 5, 2265-2274.	6.7	23
131	Controlled Dye Aggregation in Sodium Dodecylsulfate-Stabilized Poly(methylmethacrylate) Nanoparticles as Fluorescent Imaging Probes. <i>ACS Omega</i> , 2018, 3, 7663-7672.	3.5	22
132	Molecular organization of azobenzene derivatives at the liquid/graphite interface observed with scanning tunneling microscopy. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1997, 15, 1419.	1.6	21
133	Self-assembly of methacrylamides assisted by an interplay of N-H \cdots O, C=O \cdots O, C=O \cdots H and π - π interactions. <i>CrystEngComm</i> , 2004, 6, 284-289.	2.6	21
134	Synthesis and Hole-Transporting Properties of Highly Fluorescent <i>N</i> -Aryl Dithieno[3,2- <i>b</i> :6,5- <i>b'</i>]pyrrole-Based Oligomers. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4628-4635.	3.1	21
135	Fruit and Vegetable Peels as Efficient Renewable Adsorbents for Removal of Pollutants from Water: A Research Experience for General Chemistry Students. <i>Journal of Chemical Education</i> , 2018, 95, 1354-1358.	2.3	21
136	Mechanics of prestressed polydimethylsiloxane-carbon nanotube composite. <i>Applied Physics Letters</i> , 2006, 89, 184101.	3.3	20
137	Fabrication and Characterization of Multilayer Films from Amphiphilic Poly(<i>p</i> -phenylene)s. <i>Langmuir</i> , 2006, 22, 9002-9008.	3.5	20
138	Water-Soluble Multifunctional Cross-Conjugated Poly(<i>p</i> -phenylenes) as Stimuli-Responsive Materials: Design, Synthesis, and Characterization. <i>Macromolecules</i> , 2007, 40, 6057-6066.	4.8	20
139	Biophysical Characterization of Anticoagulant Hemexin AB Complex from the Venom of Snake <i>Hemachatus haemachatus</i> . <i>Biophysical Journal</i> , 2007, 93, 3963-3976.	0.5	20
140	Novel on-site sample preparation approach with a portable agitator using functional polymer-coated multi-fibers for the microextraction of organophosphorus pesticides in seawater. <i>Journal of Chromatography A</i> , 2011, 1218, 654-661.	3.7	20
141	Architectural influence of carbazole push-pull dyes on dye sensitized solar cells. <i>Dyes and Pigments</i> , 2013, 99, 787-797.	3.7	20
142	The Formation of Two-Dimensional Supramolecular Chiral Lamellae by Diamide Molecules at the Solution/Graphite Interface: A Scanning Tunneling Microscopy Study. <i>Langmuir</i> , 2000, 16, 7023-7030.	3.5	19
143	A Urea-Incorporated Receptor for Aromatic Carboxylate Anion Recognition. <i>Journal of Supramolecular Chemistry</i> , 2002, 2, 247-254.	0.4	19
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