

Peng Yang

List of Publications by Year in descending order

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158
papers

5,932
citations

71061

41
h-index

95218

68
g-index

165
all docs

165
docs citations

165
times ranked

6589
citing authors

#	ARTICLE	IF	CITATIONS
1	H ₂ Activable MOF Nanoparticle Photosensitizer for Effective Photodynamic Therapy against Cancer with Controllable Singlet Oxygen Release. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13752-13756.	7.2	283
2	2D Protein Supramolecular Nanofilm with Exceptionally Large Area and Emergent Functions. <i>Advanced Materials</i> , 2016, 28, 7414-7423.	11.1	191
3	An Environmentally Benign Antimicrobial Coating Based on a Protein Supramolecular Assembly. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 198-210.	4.0	167
4	Phishing Website Detection Based on Multidimensional Features Driven by Deep Learning. <i>IEEE Access</i> , 2019, 7, 15196-15209.	2.6	166
5	Engineering Bisquinolinium/Thiazole Orange Conjugates for Fluorescent Sensing of G-Quadruplex DNA. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2188-2191.	7.2	158
6	Nickel-Catalyzed Asymmetric Transfer Hydrogenation of Hydrazones and Other Ketimines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5112-5116.	7.2	138
7	A Superhydrophobic Surface Templated by Protein Self-Assembly and Emerging Application toward Protein Crystallization. <i>Advanced Materials</i> , 2016, 28, 579-587.	11.1	136
8	Information-centric mobile ad hoc networks and content routing: A survey. <i>Ad Hoc Networks</i> , 2017, 58, 255-268.	3.4	125
9	A Metal-Mediated Conformational Switch Controls G-Quadruplex Binding Affinity. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4858-4861.	7.2	124
10	Nickel-Catalyzed N-Alkylation of Acylhydrazines and Arylamines Using Alcohols and Enantioselective Examples. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14702-14706.	7.2	121
11	Environmentally Benign, Rapid, and Selective Extraction of Gold from Ores and Waste Electronic Materials. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9331-9335.	7.2	119
12	Nickel-Catalyzed Asymmetric Transfer Hydrogenation of Olefins for the Synthesis of α - and β -Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12210-12213.	7.2	115
13	Nickel-Catalyzed Enantioselective Reductive Amination of Ketones with Both Arylamines and Benzhydrazide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12083-12087.	7.2	110
14	One-Step Assembly of a Biomimetic Biopolymer Coating for Particle Surface Engineering. <i>Advanced Materials</i> , 2018, 30, e1802851.	11.1	108
15	Amyloid-Like Protein Aggregates: A New Class of Bioinspired Materials Merging an Interfacial Anchor with Antifouling. <i>Advanced Materials</i> , 2020, 32, e2000128.	11.1	105
16	Phase-Transited Lysozyme as a Universal Route to Bioactive Hydroxyapatite Crystalline Film. <i>Advanced Functional Materials</i> , 2018, 28, 1704476.	7.8	102
17	Surface Chemoselective Phototransformation of C-H Bonds on Organic Polymeric Materials and Related High-Tech Applications. <i>Chemical Reviews</i> , 2013, 113, 5547-5594.	23.0	100
18	Cationic peptidopolysaccharides synthesized by click chemistry with enhanced broad-spectrum antimicrobial activities. <i>Polymer Chemistry</i> , 2017, 8, 3788-3800.	1.9	88

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19	Amyloid-Like Rapid Surface Modification for Antifouling and In-Depth Remineralization of Dentine Tubules to Treat Dental Hypersensitivity. <i>Advanced Materials</i> , 2019, 31, e1903973.	11.1	85
20	Self-assembled membrane composed of amyloid-like proteins for efficient size-selective molecular separation and dialysis. <i>Nature Communications</i> , 2018, 9, 5443.	5.8	84
21	Linker-Eliminated Nano Metal-Organic Framework Fluorescent Probe for Highly Selective and Sensitive Phosphate Ratiometric Detection in Water and Body Fluids. <i>Analytical Chemistry</i> , 2020, 92, 3722-3727.	3.2	84
22	Enhanced gene expression in epithelial cells transfected with amino acid-substituted gemini nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 311-320.	2.0	77
23	Nickel-catalyzed asymmetric transfer hydrogenation of conjugated olefins. <i>Chemical Communications</i> , 2015, 51, 12115-12117.	2.2	77
24	Neuronal mitochondria-targeted micelles relieving oxidative stress for delayed progression of Alzheimer's disease. <i>Biomaterials</i> , 2020, 238, 119844.	5.7	75
25	A Janus 3D DNA nanomachine for simultaneous and sensitive fluorescence detection and imaging of dual microRNAs in cancer cells. <i>Chemical Science</i> , 2020, 11, 8482-8488.	3.7	68
26	Rapid capture of trace precious metals by amyloid-like protein membrane with high adsorption capacity and selectivity. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3438-3449.	5.2	67
27	Controlling Enamel Remineralization by Amyloid-Like Amelogenin Mimics. <i>Advanced Materials</i> , 2020, 32, e2002080.	11.1	66
28	Titanium Surface Priming with Phase-Transited Lysozyme to Establish a Silver Nanoparticle-Loaded Chitosan/Hyaluronic Acid Antibacterial Multilayer via Layer-by-Layer Self-Assembly. <i>PLoS ONE</i> , 2016, 11, e0146957.	1.1	65
29	Tuning Crystallization Pathways through the Mesoscale Assembly of Biomacromolecular Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13440-13444.	7.2	63
30	Simple Multipurpose Surface Functionalization by Phase Transited Protein Adhesion. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400401.	1.9	59
31	H ₂ -Activable MOF Nanoparticle Photosensitizer for Effective Photodynamic Therapy against Cancer with Controllable Singlet-Oxygen Release. <i>Angewandte Chemie</i> , 2017, 129, 13940-13944.	1.6	59
32	Protein-Bound Freestanding 2D Metal Film for Stealth Information Transmission. <i>Advanced Materials</i> , 2019, 31, e1803377.	11.1	57
33	Nickel-catalyzed borrowing hydrogen annulations: access to diversified N-heterocycles. <i>Chemical Communications</i> , 2019, 55, 7844-7847.	2.2	53
34	Naphthalimide intercalators with chiral amino side chains: Effects of chirality on DNA binding, photodamage and antitumor cytotoxicity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6210-6213.	1.0	48
35	Regulation of biphasic drug release behavior by graphene oxide in polyvinyl pyrrolidone/poly(μ -caprolactone) core/sheath nanofiber mats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 63-69.	2.5	48
36	Calix[3]carbazole: One-Step Synthesis and Host-Guest Binding. <i>Journal of Organic Chemistry</i> , 2016, 81, 2974-2980.	1.7	47

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37	A dual-ligand fusion peptide improves the brain-neuron targeting of nanocarriers in Alzheimer's disease mice. <i>Journal of Controlled Release</i> , 2020, 320, 347-362.	4.8	45
38	Amino Acid-Substituted Gemini Surfactant-Based Nanoparticles as Safe and Versatile Gene Delivery Agents. <i>Current Drug Delivery</i> , 2011, 8, 299-306.	0.8	45
39	Metal ion-assisted carboxyl-containing covalent organic frameworks for the efficient removal of Congo red. <i>Dalton Transactions</i> , 2019, 48, 17763-17769.	1.6	44
40	Biomimetic 3D DNA Nanomachine via Free DNA Walker Movement on Lipid Bilayers Supported by Hard SiO ₂ @CdTe Nanoparticles for Ultrasensitive MicroRNA Detection. <i>Analytical Chemistry</i> , 2019, 91, 14920-14926.	3.2	43
41	The Synthesis of a 2D Ultra-Large Protein Supramolecular Nanofilm by Chemoselective Thiol-Disulfide Exchange and its Emergent Functions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2850-2859.	7.2	43
42	Design and evaluation of cyclodextrin-based delivery systems to incorporate poorly soluble curcumin analogs for the treatment of melanoma. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 548-556.	2.0	42
43	Hydroxylation of Organic Polymer Surface: Method and Application. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3759-3770.	4.0	42
44	Aggregation-induced emission and reversible mechanochromic luminescence of carbazole-based triphenylacrylonitrile derivatives. <i>RSC Advances</i> , 2016, 6, 32697-32704.	1.7	42
45	A hybrid siRNA delivery complex for enhanced brain penetration and precise amyloid plaque targeting in Alzheimer's disease mice. <i>Acta Biomaterialia</i> , 2017, 49, 388-401.	4.1	41
46	Accurate <i>In Situ</i> Monitoring of Mitochondrial H ₂ O ₂ by Robust SERS Nanoprobes with a Au-Se Interface. <i>Analytical Chemistry</i> , 2021, 93, 4059-4065.	3.2	39
47	Novel DNA bis-intercalators of isoquinolino[4,5-bc]acridines: design, synthesis and evaluation of cytotoxic activity. <i>Tetrahedron</i> , 2005, 61, 11895-11901.	1.0	38
48	Lysine-functionalized nanodiamonds: synthesis, physicochemical characterization, and nucleic acid binding studies. <i>International Journal of Nanomedicine</i> , 2012, 7, 3851.	3.3	37
49	Multi-stimuli responsive fluorescent behaviors of a donor-acceptor phenothiazine modified benzothiazole derivative. <i>RSC Advances</i> , 2016, 6, 92144-92151.	1.7	36
50	Nickel-Catalyzed N-Alkylation of Acylhydrazines and Arylamines Using Alcohols and Enantioselective Examples. <i>Angewandte Chemie</i> , 2017, 129, 14894-14898.	1.6	35
51	Green Brønsted acid ionic liquids as novel corrosion inhibitors for carbon steel in acidic medium. <i>Scientific Reports</i> , 2017, 7, 8773.	1.6	34
52	Two-dimensional porphyrin covalent organic frameworks with tunable catalytic active sites for the oxygen reduction reaction. <i>Chemical Communications</i> , 2021, 57, 12619-12622.	2.2	34
53	Synthesis of 4-Sulphenyl Isoxazoles through AlCl ₃ -Mediated Electrophilic Cyclization and Sulfenylation of 2-Alkyn-1-one <i>O</i> -Methyloximes. <i>Journal of Organic Chemistry</i> , 2019, 84, 4312-4317.	1.7	33
54	Controlling the Structure and Function of Protein Thin Films through Amyloid-like Aggregation. <i>Accounts of Chemical Research</i> , 2021, 54, 3016-3027.	7.6	33

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55	Novel enzyme-functionalized covalent organic frameworks for the colorimetric sensing of glucose in body fluids and drinks. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3859-3866.	3.2	33
56	Phenothiazine substituted phenanthroimidazole derivatives: Synthesis, photophysical properties and efficient piezochromic luminescence. <i>Dyes and Pigments</i> , 2017, 140, 452-459.	2.0	31
57	Lysozyme Membranes Promoted by Hydrophobic Substrates for Ultrafast and Precise Organic Solvent Nanofiltration. <i>Nano Letters</i> , 2020, 20, 8760-8767.	4.5	31
58	Thickness Measurement of Nanoscale Polymer Layer on Polymer Substrates by Attenuated Total Reflection Infrared Spectroscopy. <i>Analytical Chemistry</i> , 2005, 77, 1068-1074.	3.2	30
59	Nickel-Catalyzed Enantioselective Reductive Amination of Ketones with Both Arylamines and Benzhydrazide. <i>Angewandte Chemie</i> , 2016, 128, 12262-12266.	1.6	30
60	Reversible piezofluorochromism of a triphenylamine-based benzothiazole derivative with a strong fluorescence response to volatile acid vapors. <i>New Journal of Chemistry</i> , 2017, 41, 263-270.	1.4	30
61	Application of Solubility Parameter Theory in Evaluating the Aging Resistance of Paving Asphalts. <i>Petroleum Science and Technology</i> , 2003, 21, 1843-1850.	0.7	29
62	Environmentally Benign, Rapid, and Selective Extraction of Gold from Ores and Waste Electronic Materials. <i>Angewandte Chemie</i> , 2017, 129, 9459-9463.	1.6	29
63	Dual functional sp ² carbon-conjugated covalent organic frameworks for fluorescence sensing and effective removal and recovery of Pd ²⁺ ions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26861-26866.	5.2	29
64	Small interfering RNA delivery to the neurons near the amyloid plaques for improved treatment of Alzheimer's disease. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 590-603.	5.7	28
65	Crack Suppression in Conductive Film by Amyloid-Like Protein Aggregation toward Flexible Device. <i>Advanced Materials</i> , 2021, 33, e2104187.	11.1	27
66	Carbazole-based salicylaldimine difluoroboron complex with crystallization-induced emission enhancement and reversible piezofluorochromism characteristics. <i>Tetrahedron Letters</i> , 2016, 57, 5385-5389.	0.7	26
67	Sn-Triggered Two-Dimensional Fast Protein Assembly with Emergent Functions. <i>ACS Nano</i> , 2019, 13, 7736-7749.	7.3	26
68	Amyloid-Mediated Fabrication of Organic-Inorganic Hybrid Materials and Their Biomedical Applications. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001060.	1.9	26
69	Wavelet transform-based feature extraction for ultrasonic flaw signal classification. <i>Neural Computing and Applications</i> , 2014, 24, 817-826.	3.2	25
70	Supramolecular Recognition of Three Way Junction DNA by a Cationic Calix[3]carbazole. <i>Chemistry - A European Journal</i> , 2018, 24, 6087-6093.	1.7	25
71	Explaining steam-enhanced carbonation of CaO based on first principles. , 2018, 8, 1110-1123.		25
72	Amyloid-Like Protein Aggregation Toward Pesticide Reduction. <i>Advanced Science</i> , 2022, 9, e2105106.	5.6	25

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73	Cholinergic Neuron Targeting Nanosystem Delivering Hybrid Peptide for Combinatorial Mitochondrial Therapy in Alzheimer's Disease. <i>ACS Nano</i> , 2022, 16, 11455-11472.	7.3	25
74	Advance on friction of stamping forming. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 21-38.	1.5	24
75	Isoquino[4,5-bc]acridines: Design, synthesis and evaluation of DNA binding, anti-tumor and DNA photo-damaging ability. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 84, 221-226.	1.7	23
76	Water-Based Photo- and Electron-Beam Lithography Using Egg White as a Resist. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601223.	1.9	23
77	In situ growth of triazine/heptazine based carbon nitride film for efficient (photo)electrochemical performance. <i>Catalysis Science and Technology</i> , 2019, 9, 425-435.	2.1	23
78	Adhesion and release nanoparticle-mediated efficient inhibition of platelet activation disrupts endothelial barriers for enhanced drug delivery in tumors. <i>Biomaterials</i> , 2021, 269, 120620.	5.7	23
79	Mechanism of steam-declined sulfation and steam-enhanced carbonation by DFT calculations. , 2020, 10, 472-483.		22
80	Enantioselective Synthesis of Chiral Carboxylic Acids from Alkynes and Formic Acid by Nickel-Catalyzed Cascade Reactions: Facile Synthesis of Profens. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	22
81	Novel synthetic isoquinolino[5,4-ab]phenazines: Inhibition toward topoisomerase I, antitumor and DNA photo-cleaving activities. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 5909-5914.	1.4	21
82	Target Detection and Ranging through Lossy Media using Chaotic Radar. <i>Entropy</i> , 2015, 17, 2082-2093.	1.1	21
83	Disturbance Observer-Based Terminal Sliding Mode Control of a 5-DOF Upper-Limb Exoskeleton Robot. <i>IEEE Access</i> , 2019, 7, 62833-62839.	2.6	21
84	Aggregation-induced emission of a 2D protein supramolecular nanofilm with emergent functions. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1256-1267.	3.2	21
85	Metal-Protein Hybrid Materials with Desired Functions and Potential Applications. <i>ACS Applied Bio Materials</i> , 2021, 4, 1156-1177.	2.3	21
86	Adenosine triphosphate-selective fluorescent turn-on response of a novel thiazole orange derivative via their cooperative co-assembly. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 735-743.	4.0	19
87	Engineering 1,3-Alternate Calixcarbazole for Recognition and Sensing of Bisphenol F in Water. <i>Analytical Chemistry</i> , 2016, 88, 10751-10756.	3.2	19
88	Nickel-Catalyzed Asymmetric Transfer Hydrogenation and β -Selective Deuteration of <i>N</i> -Sulfonyl Imines with Alcohols: Access to β -Deuterated Chiral Amines. <i>Organic Letters</i> , 2020, 22, 8278-8284.	2.4	19
89	Precise gene delivery systems with detachable albumin shell remodeling dysfunctional microglia by TREM2 for treatment of Alzheimer's disease. <i>Biomaterials</i> , 2022, 281, 121360.	5.7	19
90	An amyloid-like proteinaceous adsorbent for uranium extraction from aqueous medium. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14906-14916.	5.2	19

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91	Synthesis of a novel methylene-bridged biscarbazole derivative and evaluation of its DNA and nucleotide binding properties. <i>Tetrahedron Letters</i> , 2014, 55, 7054-7059.	0.7	18
92	Azopyridine: a smart photo- and chemo-responsive substituent for polymers and supramolecular assemblies. <i>Polymer Chemistry</i> , 2020, 11, 5955-5961.	1.9	18
93	Biopolymer-Based Membrane Adsorber for Removing Contaminants from Aqueous Solution: Progress and Prospects. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100669.	2.0	18
94	Surface Photografting Polymerization of Methyl Methacrylate in N,N-dimethylformamide on Low Density Polyethylene Film. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1096-1102.	1.1	17
95	Ca-Mediated Electroformation of Cell-Sized Lipid Vesicles. <i>Scientific Reports</i> , 2015, 5, 9839.	1.6	17
96	A switching sensor of C-H bond breakage/formation regulated by mediating copper (II) ions' complexation. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 56-62.	4.0	17
97	pH-Dependent Morphology and Photoresponse of Azopyridine-Terminated Poly(N-isopropylacrylamide) Nanoparticles in Water. <i>Macromolecules</i> , 2019, 52, 2939-2948.	2.2	17
98	Controlling Long-Distance Photoactuation with Protein Additives. <i>Small</i> , 2020, 16, e2000043.	5.2	17
99	Biomimetic Amyloid-like Protein/Laponite Nanocomposite Thin Film through Regulating Protein Conformation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35435-35444.	4.0	16
100	Modulating autophagic flux via ROS-responsive targeted micelles to restore neuronal proteostasis in Alzheimer's disease. <i>Bioactive Materials</i> , 2022, 11, 300-316.	8.6	16
101	A Simple Method to Fabricate a Conductive Polymer Micropattern on an Organic Polymer Substrate. <i>Macromolecular Rapid Communications</i> , 2006, 27, 418-423.	2.0	15
102	Silver Exposure Causes Transferable Defects of Phenotypes and Behaviors in Nematode <i>Caenorhabditis elegans</i> . <i>Environmental Bioindicators</i> , 2007, 2, 89-98.	0.4	15
103	Hydrophobic-Driven Electrochemiluminescence Enhancement via Target-Induced Self-Enrichment for Ultrasensitive Bioassay. <i>Analytical Chemistry</i> , 2020, 92, 15120-15128.	3.2	15
104	Photografting of unreactive surfaces. I. Batch vapor-phase process by one-step method. <i>Journal of Applied Polymer Science</i> , 2006, 101, 2269-2276.	1.3	14
105	Light, temperature, and pH control of aqueous azopyridine-terminated poly(N-isopropylacrylamide) solutions. <i>Polymer Chemistry</i> , 2019, 10, 5080-5086.	1.9	14
106	Enantioselective Synthesis of Chiral Carboxylic Acids from Alkynes and Formic Acid by Nickel-Catalyzed Cascade Reactions: Facile Synthesis of Profens. <i>Angewandte Chemie</i> , 0, , .	1.6	14
107	Supramolecular recognition of A-tracts DNA by calix[4]carbazole. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 177-182.	4.0	13
108	The Synthesis of Protein-Encapsulated Ceria Nanorods for Visible-Light Driven Hydrogen Production and Carbon Dioxide Reduction. <i>Small</i> , 2021, 17, e2103422.	5.2	13

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109	2D bio-nanostructures fabricated by supramolecular self-assembly of protein, peptide, or peptoid. <i>Advanced Composites and Hybrid Materials</i> , 2019, 2, 201-213.	9.9	12
110	Nickel-catalyzed <i>C</i> -alkylation of thioamide, amides and esters by primary alcohols through a hydrogen autotransfer strategy. <i>Chemical Communications</i> , 2020, 56, 14083-14086.	2.2	12
111	Tuning Chain Relaxation from an Amorphous Biopolymer Film to Crystals by Removing Air/Water Interface Limitations. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20192-20200.	7.2	12
112	The Two Phase Transitions of Hydrophobically End-Capped Poly(<i>N</i> -isopropylacrylamide)s in Water. <i>Macromolecules</i> , 2020, 53, 5105-5115.	2.2	12
113	Leveraging Global and Local Topic Popularities for LDA-Based Document Clustering. <i>IEEE Access</i> , 2020, 8, 24734-24745.	2.6	12
114	Instant Adhesion of Amyloid-like Nanofilms with Wet Surfaces. <i>ACS Central Science</i> , 2022, 8, 705-717.	5.3	12
115	Developing Biopolymer Mesocrystals by Crystallization of Secondary Structures. <i>Langmuir</i> , 2019, 35, 183-193.	1.6	11
116	Spectral study on conformation switchable cationic calix[4]carbazole serving as curcumin container, stabilizer and sustained-delivery carrier. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 276-282.	2.0	10
117	APPLICATION OF THE COMPATIBILITY THEORY AND THE SOLUBILITY PARAMETER THEORY IN SBS MODIFICATION ASPHALT. <i>Petroleum Science and Technology</i> , 2002, 20, 367-376.	0.7	9
118	A model-free control method for estimating the joint angles of the knee exoskeleton. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401880776.	0.8	9
119	Effective Separation of Enantiomers Based on Novel Chiral Hierarchical Porous Metal-Organic Gels. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800862.	2.0	9
120	Synthesis and inhibition performance of a polymer-supported inhibitor. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4074-4083.	2.5	8
121	Green-amber emission from high indium content InGaN quantum wells improved by interface modification of semipolar (11 $\bar{2}$,2) GaN templates. <i>CrystEngComm</i> , 2019, 21, 244-250.	1.3	8
122	Intelligent design and group assembly of male and female dies for hole piercing of automotive stamping dies. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 665-687.	1.5	8
123	Host-guest co-assembly triggered turn-on and ratiometric sensing of berberine and its detoxicating. <i>Chinese Chemical Letters</i> , 2021, 32, 1385-1389.	4.8	8
124	Influence of the environmental conditions on the fractionation of heavy metals in the Fenhe reservoir sediment. <i>Geochemical Journal</i> , 2010, 44, 399-410.	0.5	7
125	Supramolecular catalytic synthesis of a novel bis(salicylaldehyde hydrazone) ligand for ratiometric recognition of AT-DNA. <i>Chemical Communications</i> , 2019, 55, 5491-5494.	2.2	7
126	The facile synthesis of an amphiphilic macrocycle and its turn-on -dual targets sensing of both Zn^{2+} and lysosome triggered by supramolecular disassembly. <i>Sensors and Actuators B: Chemical</i> , 2021, 340, 129905.	4.0	7

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127	Over-the-Air Federated Learning via Second-Order Optimization. IEEE Transactions on Wireless Communications, 2022, 21, 10560-10575.	6.1	7
128	Nanofilms: 2D Protein Supramolecular Nanofilm with Exceptionally Large Area and Emergent Functions (Adv. Mater. 34/2016). Advanced Materials, 2016, 28, 7413-7413.	11.1	6
129	Piezofluorochromism of triphenylamine-based triphenylacrylonitrile derivative with intramolecular charge transfer and aggregation-induced emission characteristics. Tetrahedron Letters, 2018, 59, 2057-2061.	0.7	6
130	Protein-Based Separation Membranes: State of the Art and Future Trends. Advanced Energy and Sustainability Research, 2021, 2, 2100008.	2.8	6
131	Suppression of Sunscreen Leakage in Water by Amyloid-like Protein Aggregates. ACS Applied Materials & Interfaces, 2021, 13, 42451-42460.	4.0	6
132	Hierarchical Sliding Inference Generator for Question-driven Abstractive Answer Summarization. ACM Transactions on Information Systems, 2023, 41, 1-27.	3.8	6
133	APPLICATION OF GREY SYSTEM THEORY IN STUDYING ASPHALT AGING. Petroleum Science and Technology, 2002, 20, 939-949.	0.7	5
134	An dynamic-weighted collaborative filtering approach to address sparsity and adaptivity issues. , 2014, , .		5
135	Tuning Crystallization Pathways through the Mesoscale Assembly of Biomacromolecular Nanocrystals. Angewandte Chemie, 2017, 129, 13625-13629.	1.6	5
136	A target-initiated autocatalytic 3D DNA nanomachine for high-efficiency amplified detection of MicroRNA. Talanta, 2022, 240, 123219.	2.9	5
137	Calix[3]carbazole: A C3-symmetrical receptor for barium ion. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 174, 32-36.	2.0	4
138	A Study of Impact Response and Its Numerical Study of Hybrid Polypropylene Fiber-Reinforced Concrete with Different Sizes. Advances in Materials Science and Engineering, 2020, 2020, 1-15.	1.0	4
139	Tuning Chain Relaxation from an Amorphous Biopolymer Film to Crystals by Removing Air/Water Interface Limitations. Angewandte Chemie, 2020, 132, 20367-20375.	1.6	4
140	A novel sensitive NMOF fluorescent probe for two photon imaging of glutathione in chemo-resistant cancer cells. Sensors and Actuators B: Chemical, 2021, 348, 130680.	4.0	4
141	Ketocalix[3]carbazole: facile synthesis, rigid conformation and baicalin-selective sensing. Organic Chemistry Frontiers, 2020, 7, 2291-2297.	2.3	4
142	A STUDY ON AGING KINETICS OF ANSHAN PAVING ASPHALT. Petroleum Science and Technology, 2002, 20, 951-960.	0.7	3
143	A High-Throughput Screening Method for Determining the Optimized Synthesis Conditions of Quinoxaline Derivatives Using Microdroplet Reaction. Frontiers in Chemistry, 2020, 8, 789.	1.8	3
144	No-nonspecific recognition-based amplification strategy for endonuclease activity screening with dual-color DNA nano-clew. Biosensors and Bioelectronics, 2021, 190, 113446.	5.3	3

#	ARTICLE	IF	CITATIONS
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