

Wei-Qiao Deng

List of Publications by Year in descending order

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216
papers

15,543
citations

13099

68
h-index

18647

119
g-index

226
all docs

226
docs citations

226
times ranked

17038
citing authors

#	ARTICLE	IF	CITATIONS
1	Unblocked intramolecular charge transfer for enhanced CO ₂ photoreduction enabled by an imidazolium-based ionic conjugated microporous polymer. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120719.	20.2	25
2	Ambient hydrogenation of carbon dioxide into liquid fuel by a heterogeneous synergetic dual single-atom catalyst. <i>Cell Reports Physical Science</i> , 2022, 3, 100705.	5.6	18
3	The Second Excited Triplet State Facilitates TADF and Triplet-Triplet Annihilation Photon Upconversion via a Thermally Activated Reverse Internal Conversion. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	7
4	<i>In silico</i> design of dual-doped nitrogenated graphene (C ₂ N) employed in electrocatalytic reduction of carbon monoxide to ethylene. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4703-4710.	10.3	12
5	<i>In silico</i> design of metal-free hydrophosphate catalysts for hydrogenation of CO ₂ to formate. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 2901-2908.	2.8	1
6	Excitation-Dependent Emission in All-Inorganic Lead-Free Cs ₂ ScCl ₅ ·H ₂ O Perovskite Crystals. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	26
7	Colloidal Synthesis and Tunable Multicolor Emission of Vacancy-Ordered Cs ₂ HfCl ₆ Perovskite Nanocrystals. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	38
8	In situ photodeposition of platinum clusters on a covalent organic framework for photocatalytic hydrogen production. <i>Nature Communications</i> , 2022, 13, 1355.	12.8	140
9	Iron single-atom catalysts confined in covalent organic frameworks for efficient oxygen evolution reaction. <i>Cell Reports Physical Science</i> , 2022, 3, 100804.	5.6	22
10	The mechanism of sugar produced from simple glycolaldehyde derivative at ambient conditions. <i>International Journal of Quantum Chemistry</i> , 2022, 122, .	2.0	0
11	Van der Waals Heterostructures Based on Porous Graphene for Photocatalytic Water Splitting. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7849-7858.	3.1	7
12	Homologous MXene-Derived Electrodes for Potassium-Ion Full Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	23
13	Tuning of Delicate Host-Guest Interactions in Hydrated MIL-53 and Functional Variants for Furfural Capture from Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1629-1634.	13.8	17
14	Conjugated microporous polymer foams with excellent thermal insulation performance in a humid environment. <i>RSC Advances</i> , 2021, 11, 13957-13963.	3.6	4
15	Rhodium-catalyzed asymmetric [4+1] spiroannulations of <i>O</i> -pivaloyl oximes with $\hat{\pm}$ -diazo compounds. <i>Chemical Communications</i> , 2021, 57, 8268-8271.	4.1	21
16	Digital-intellectual design of microporous organic polymers. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 22835-22853.	2.8	2
17	Theoretical design of Salen-metal-based materials for highly selective separation of C ₂ H ₂ /C ₂ H ₄ . <i>Chemical Physics Letters</i> , 2021, 771, 138523.	2.6	0
18	Theoretical studies on the catalytic hydrogenation of carbon dioxide by 3d transition metals single-atom catalyst supported on covalent triazine frameworks. <i>Molecular Catalysis</i> , 2021, 508, 111581.	2.0	10

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19	In silico design of new nitrogen-rich melamine-based porous polyamides applied to CO ₂ /N ₂ separation. <i>Chemical Physics Letters</i> , 2021, 771, 138509.	2.6	1
20	High-Capacity Amidoxime-Functionalized β -Cyclodextrin/Graphene Aerogel for Selective Uranium Capture. <i>Environmental Science & Technology</i> , 2021, 55, 9181-9188.	10.0	112
21	Rhodium-Catalyzed C-H Activation-Based Construction of Axially and Centrally Chiral Indenes through Two Discrete Insertions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16628-16633.	13.8	68
22	Edge-on-Plane-Confined Covalent Organic Frameworks Enable a Defect- and Nitrogen-Rich Carbon Matrix for High-Rate Lithium-Ion Storage. <i>ACS Applied Energy Materials</i> , 2021, 4, 5957-5962.	5.1	10
23	In Silico Design of Covalent Organic Framework-Based Electrocatalysts. <i>Jacs Au</i> , 2021, 1, 1497-1505.	7.9	28
24	Rhodium-Catalyzed and Chiral Zinc Carboxylate-Assisted Allenylation of Benzamides via Kinetic Resolution. <i>Organic Letters</i> , 2021, 23, 7038-7043.	4.6	11
25	A Porphyrin-Based Covalent Organic Framework for Metal-Free Photocatalytic Aerobic Oxidative Coupling of Amines. <i>Chemistry - A European Journal</i> , 2021, 27, 14390-14395.	3.3	15
26	Bifunctional poly(ionic liquid) catalyst with dual-active-center for CO ₂ conversion: Synergistic effect of triazine and imidazolium motifs. <i>Journal of CO₂ Utilization</i> , 2021, 54, 101778.	6.8	17
27	Isolated Single-Atom Ni ²⁺ Catalytic Site in Hollow Porous Carbon Capsules for Efficient Lithium-Sulfur Batteries. <i>Nano Letters</i> , 2021, 21, 9691-9698.	9.1	167
28	First-Principles Screening of Lead-Free Mixed-Anion Perovskites for Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1303-1308.	3.1	8
29	CO ₂ Fixation into Cyclic Carbonates by a Zn-Salen Based Conjugated Microporous Polymer. <i>ChemistrySelect</i> , 2020, 5, 10516-10520.	1.5	13
30	Hydrogen and CO ₂ storage in high surface area covalent triazine-based frameworks. <i>Materials Today Energy</i> , 2020, 18, 100506.	4.7	16
31	Enhanced carbon dioxide conversion at ambient conditions via a pore enrichment effect. <i>Nature Communications</i> , 2020, 11, 4481.	12.8	74
32	Efficient Thermally Activated Delayed Fluorescence from All-Inorganic Cesium Zirconium Halide Perovskite Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21925-21929.	13.8	126
33	Efficient Thermally Activated Delayed Fluorescence from All-Inorganic Cesium Zirconium Halide Perovskite Nanocrystals. <i>Angewandte Chemie</i> , 2020, 132, 22109-22113.	2.0	24
34	Bioinspired succinyl- β -cyclodextrin membranes for enhanced uranium extraction and reclamation. <i>Environmental Science: Nano</i> , 2020, 7, 3124-3135.	4.3	16
35	Enhancing Intersystem Crossing to Achieve Thermally Activated Delayed Fluorescence in a Water-Soluble Fluorescein Derivative with a Flexible Propenyl Group. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5692-5698.	4.6	18
36	Manganese-Doped, Lead-Free Double Perovskite Nanocrystals for Bright Orange-Red Emission. <i>ACS Central Science</i> , 2020, 6, 566-572.	11.3	102

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37	Carrier Multiplication and Hot-Carrier Cooling Dynamics in Quantum-Confined CsPb ₃ Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1921-1926.	4.6	37
38	van der Waals Function for Molecular Mechanics. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2102-2107.	2.5	2
39	Salen-Based Conjugated Microporous Polymers for Efficient Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 7720-7726.	3.3	16
40	All-Inorganic Lead-Free OD Perovskites by a Doping Strategy to Achieve a PLQY Boost from 2% to 90%. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12709-12713.	13.8	162
41	All-Inorganic Lead-Free OD Perovskites by a Doping Strategy to Achieve a PLQY Boost from 2% to 90%. <i>Angewandte Chemie</i> , 2020, 132, 12809-12813.	2.0	38
42	Oxygen defect engineering in cobalt iron oxide nanosheets for promoted overall water splitting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21704-21710.	10.3	76
43	Combination Rules and Accurate van der Waals Force Field for Gas Uptakes in Porous Materials. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7847-7854.	2.5	8
44	Size effect of lead-free halide double perovskite on luminescence property. <i>Science China Chemistry</i> , 2019, 62, 1405-1413.	8.2	95
45	Large-Scale Ligand-Free Synthesis of Homogeneous Core-Shell Quantum-Dot-Modified Cs ₄ PbBr ₆ Microcrystals. <i>Inorganic Chemistry</i> , 2019, 58, 10620-10624.	4.0	11
46	Lead-Free Sodium-Indium Double Perovskite Nanocrystals through Doping Silver Cations for Bright Yellow Emission. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17231-17235.	13.8	166
47	Colloidal Synthesis and Optical Properties of All-Inorganic Low-Dimensional Cesium Copper Halide Nanocrystals. <i>Angewandte Chemie</i> , 2019, 131, 16233-16237.	2.0	78
48	Lead-Free Sodium-Indium Double Perovskite Nanocrystals through Doping Silver Cations for Bright Yellow Emission. <i>Angewandte Chemie</i> , 2019, 131, 17391-17395.	2.0	36
49	Colloidal Synthesis and Optical Properties of All-Inorganic Low-Dimensional Cesium Copper Halide Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16087-16091.	13.8	192
50	Photo-oxidative degradation of methylammonium lead iodide perovskite: mechanism and protection. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2275-2282.	10.3	105
51	Air-Stable, Lead-Free Zero-Dimensional Mixed Bismuth-Antimony Perovskite Single Crystals with Ultra-broadband Emission. <i>Angewandte Chemie</i> , 2019, 131, 2751-2755.	2.0	41
52	Air-Stable, Lead-Free Zero-Dimensional Mixed Bismuth-Antimony Perovskite Single Crystals with Ultra-broadband Emission. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2725-2729.	13.8	199
53	Chiral Hydroxytetraphenylene-Catalyzed Asymmetric Conjugate Addition of Boronic Acids to Enones. <i>Organic Letters</i> , 2019, 21, 5040-5045.	4.6	33
54	Chemical fixation of carbon dioxide catalyzed <i>in situ</i> covalent triazine frameworks as metal free heterogeneous catalysts without a cocatalyst. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26071-26076.	10.3	39

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55	High-performance all-solution-processed quantum dot near-infrared-to-visible upconversion devices for harvesting photogenerated electrons. <i>Applied Physics Letters</i> , 2019, 115, 221103.	3.3	11
56	Colloidal Synthesis and Charge Carrier Dynamics of Cs ₂ AgSbI ₆ Bi ₂ X ₆ (X: Br, Cl; O ₂) Tj 210q 0 0 52 BT / Over	11.0	52
57	Colloidal Synthesis and Charge Carrier Dynamics of Cs ₂ AgSbI ₆ Bi ₂ X ₆ (X: Br, Cl; O ₂) Tj 110q 1 0 78 4314	11.0	78
58	Bismuth doped lead-free two-dimensional tin based halide perovskite single crystals. <i>Journal of Energy Chemistry</i> , 2019, 36, 1-6.	12.9	42
59	Methyl-Hispolon from <i>Phellinus Ionicerinus</i> (Agaricomycetes) Affects Estrogen Signals in MCF-7 Breast Cancer Cells and Premature Aging in Rats. <i>International Journal of Medicinal Mushrooms</i> , 2019, 21, 381-392.	1.5	5
60	Lead-Free Silver-Bismuth Halide Double Perovskite Nanocrystals. <i>Angewandte Chemie</i> , 2018, 130, 5457-5461.	2.0	132
61	Lead-Free Silver-Bismuth Halide Double Perovskite Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5359-5363.	13.8	281
62	Formamidinium Lead Bromide (FAPbBr ₃) Perovskite Microcrystals for Sensitive and Fast Photodetectors. <i>Nano-Micro Letters</i> , 2018, 10, 43.	27.0	77
63	Combination Rules for Morse-Based van der Waals Force Fields. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1672-1677.	2.5	11
64	Sulfur rich microporous polymer enables rapid and efficient removal of mercury(II) from water. <i>Chemosphere</i> , 2018, 196, 174-181.	8.2	55
65	Lead-Free, Two-Dimensional Mixed Germanium and Tin Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2518-2522.	4.6	92
66	Theoretical Investigation of CO ₂ Adsorption and Dissociation on Low Index Surfaces of Transition Metals. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8306-8314.	3.1	104
67	First-Principles Screening of All-Inorganic Lead-Free ABX ₃ Perovskites. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7670-7675.	3.1	98
68	Molecular docking, binding free energy analysis, and biological evaluation of bisabolonalone hydrazone carboxamides as H ⁺ ,K ⁺ -ATPase reversible inhibitors. <i>Medicinal Chemistry Research</i> , 2018, 27, 332-340.	2.4	1
69	Conductive Microporous Covalent Triazine-Based Framework for High-Performance Electrochemical Capacitive Energy Storage. <i>Angewandte Chemie</i> , 2018, 130, 8124-8128.	2.0	67
70	Conductive Microporous Covalent Triazine-Based Framework for High-Performance Electrochemical Capacitive Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7992-7996.	13.8	193
71	Lead-Free Direct Band Gap Double-Perovskite Nanocrystals with Bright Dual-Color Emission. <i>Journal of the American Chemical Society</i> , 2018, 140, 17001-17006.	13.7	399
72	Constructing Sensitive and Fast Lead-Free Single-Crystalline Perovskite Photodetectors. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3087-3092.	4.6	92

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73	Selectively nitrogen-doped carbon materials as superior metal-free catalysts for oxygen reduction. <i>Nature Communications</i> , 2018, 9, 3376.	12.8	436
74	Niobium-Doped (001)-Dominated Anatase TiO ₂ Nanosheets as Photoelectrode for Efficient Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9576-9583.	8.0	36
75	Environmentally benign and economic synthesis of covalent triazine-based frameworks. <i>Chinese Journal of Catalysis</i> , 2017, 38, 583-588.	14.0	1
76	Perovskite CH ₃ NH ₃ PbI ₃ Br _x Single Crystals with Charge-Carrier Lifetimes Exceeding 260 ns. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14827-14832.	8.0	58
77	A DFT Exploration of Efficient Catalysts Based on Metal-Salen Monomers for the Cycloaddition Reaction of CO ₂ to Propylene Oxide. <i>ChemistrySelect</i> , 2017, 2, 4533-4537.	1.5	15
78	Accurate van der Waals force field for gas adsorption in porous materials. <i>Journal of Computational Chemistry</i> , 2017, 38, 1991-1999.	3.3	26
79	Formation of Cyclic Carbonates from CO ₂ and Epoxides Catalyzed by a Cobalt-Coordinated Conjugated Microporous Polymer. <i>ChemCatChem</i> , 2017, 9, 2584-2587.	3.7	21
80	Diverse carrier mobility of monolayer BNC: a combined density functional theory and Boltzmann transport theory study. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 455305.	1.8	1
81	First-Principles Screening of Lead-Free Methylammonium Metal Iodine Perovskites for Photovoltaic Application. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24359-24364.	3.1	25
82	(C ₆ H ₅ CH ₂) ₂ NH ₃ Gel: A Layered Two-Dimensional Perovskite with Potential for Photovoltaic Applications. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4402-4406.	4.6	98
83	Ultrasensitive and Fast All-Inorganic Perovskite-Based Photodetector via Fast Carrier Diffusion. <i>Advanced Materials</i> , 2017, 29, 1703758.	21.0	255
84	Engineered Fabrication of Hierarchical Frameworks with Tuned Pore Structure and N,O-Co-Doping for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31940-31949.	8.0	53
85	Extra long electron-hole diffusion lengths in CH ₃ NH ₃ PbI ₃ Cl _x perovskite single crystals. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8431-8435.	5.5	91
86	Lead-Free, Air-Stable All-Inorganic Cesium Bismuth Halide Perovskite Nanocrystals. <i>Angewandte Chemie</i> , 2017, 129, 12645-12649.	2.0	88
87	Lead-Free, Air-Stable All-Inorganic Cesium Bismuth Halide Perovskite Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12471-12475.	13.8	487
88	Combining theory and experiment in the design of a lead-free ((CH ₃ NH ₃) ₂ AgBi ₆) double perovskite. <i>New Journal of Chemistry</i> , 2017, 41, 9598-9601.	2.8	72
89	Computational Screening of Zeolite Catalysts for MTO Reaction. <i>ChemistrySelect</i> , 2017, 2, 10290-10294.	1.5	1
90	Molecular-scale observation of YD2-o-C8 self-assembled monolayer on TiO ₂ (110). <i>Surface Science</i> , 2017, 665, 103-107.	1.9	1

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91	Lead-free and stable antimony-silver-halide double perovskite (CH ₃ NH ₃) ₂ AgSbI ₆ . RSC Advances, 2017, 7, 35175-35180.	3.6	75
92	Recent developments of first-principles force fields. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2017, 7, e1282.	14.6	18
93	Innovative nanoporous carbons with ultrahigh uptakes for capture and reversible storage of CO ₂ and volatile iodine. Journal of Hazardous Materials, 2017, 321, 210-217.	12.4	125
94	Phonon-electron coupling and tunneling effect on charge transport in organic semi-conductor crystals of Cn-BTBT. Journal of Chemical Physics, 2016, 145, 104108.	3.0	9
95	Carrier mobility in double-helix DNA and RNA: A quantum chemistry study with Marcus-Hush theory. Journal of Chemical Physics, 2016, 145, 235101.	3.0	2
96	Limiting Perovskite Solar Cell Performance by Heterogeneous Carrier Extraction. Angewandte Chemie - International Edition, 2016, 55, 13067-13071.	13.8	47
97	Low Threshold Two-Photon-Pumped Amplified Spontaneous Emission in CH ₃ NH ₃ PbBr ₃ Microdisks. ACS Applied Materials & Interfaces, 2016, 8, 19587-19592.	8.0	54
98	Effect of Araloside A on Acute Gastric Ulcer Induced by Alcohol and Aspirin in Mice. , 2016, , .		0
99	Methylithium-Doped Naphthyl-Containing Conjugated Microporous Polymer with Enhanced Hydrogen Storage Performance. Chemistry - A European Journal, 2016, 22, 7944-7949.	3.3	11
100	Computational insights into the interaction mechanism of triazolyl substituted tetrahydrobenzofuran derivatives with H ⁺ ,K ⁺ -ATPase at different pH. Journal of Computer-Aided Molecular Design, 2016, 30, 27-37.	2.9	2
101	Design, synthesis and biological evaluation of bisabolangelone oxime derivatives as potassium-competitive acid blockers (P-CABs). Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2268-2272.	2.2	5
102	Extraordinary Capability for Water Treatment Achieved by a Perfluorous Conjugated Microporous Polymer. Scientific Reports, 2015, 5, 10155.	3.3	90
103	Versatile Nickel-Lanthanum(III) Catalyst for Direct Conversion of Cellulose to Glycols. ACS Catalysis, 2015, 5, 874-883.	11.2	92
104	Synthesis of conjugated microporous polymers for gas storage and selective adsorption. Journal of Materials Science, 2015, 50, 6388-6394.	3.7	22
105	A green and facile method toward synthesis of waste paper-derived 3D functional porous graphene via in situ activation of cobalt. Journal of Materials Chemistry A, 2015, 3, 16072-16078.	10.3	28
106	Synthesis and cytotoxic activities of 2-substituted (25R)-spirostan-1,4,6-triene-3-ones via ring-opening/elimination and "click" strategy. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3726-3729.	2.2	7
107	A Dye-sensitized solar cells. RSC Advances, 2015, 5, 37574-37580.	3.6	13
108	Quantitative prediction of charge mobilities of π -stacked systems by first-principles simulation. Nature Protocols, 2015, 10, 632-642.	12.0	187

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109	Neuroprotective effect of bisabolangelone on hydrogen peroxide-induced neurotoxicity in SH-SY5Y cells. <i>Medicinal Chemistry Research</i> , 2015, 24, 3813-3820.	2.4	2
110	Synthesis of conjugated microporous polymer nanotubes with large surface areas as absorbents for iodine and CO ₂ uptake. <i>Journal of Materials Chemistry A</i> , 2015, 3, 87-91.	10.3	212
111	Protective Effect of Eburicoic Acid of the Chicken of the Woods Mushroom, <i>Laetiporus sulphureus</i> (Higher Basidiomycetes), Against Gastric Ulcers in Mice. <i>International Journal of Medicinal Mushrooms</i> , 2015, 17, 619-626.	1.5	8
112	Progress and Prospect of Theoretical Simulation of Microporous Materials. <i>Acta Chimica Sinica</i> , 2015, 73, 579.	1.4	1
113	Protonated Form: The Potent Form of Potassium-Competitive Acid Blockers. <i>PLoS ONE</i> , 2014, 9, e97688.	2.5	15
114	Structure-Based Virtual Screening of Compound Library for Anti-Estrogen Breast Cancer Candidates. <i>Advanced Materials Research</i> , 2014, 884-885, 531-534.	0.3	0
115	Estrogenic and anti-estrogenic activities of hispolon from <i>Phellinus lonicerinus</i> (Bond.) Bond. et al. <i>Journal of Medicinal Food</i> , 2014, 95, 93-101.	2.2	18
116	Carbonization of self-assembled nanoporous hemin with a significantly enhanced activity for the oxygen reduction reaction. <i>Faraday Discussions</i> , 2014, 176, 393-408.	3.2	30
117	Robust and all-inorganic absorbent based on natural clay nanocrystals with tunable surface wettability for separation and selective absorption. <i>RSC Advances</i> , 2014, 4, 12590.	3.6	34
118	Reaction Mechanism of Epoxide Cycloaddition to CO ₂ Catalyzed by Salen-M (M = Co, Al). <i>Journal of Organometallic Chemistry</i> , 2014, 913, 1-10.	2.5	64
119	Controllable synthesis of ultrasmall CuInSe ₂ quantum dots for photovoltaic application. <i>RSC Advances</i> , 2014, 4, 33855-33860.	3.6	21
120	Efficient fixation of CO ₂ at mild conditions by a Cr-conjugated microporous polymer. <i>Journal of Energy Chemistry</i> , 2014, 23, 22-28.	12.9	37
121	Efficient Fixation of CO ₂ by a Zinc-Coordinated Conjugated Microporous Polymer. <i>ChemSusChem</i> , 2014, 7, 2110-2114.	6.8	101
122	Induced-fit docking and binding free energy calculation on furostanol saponins from <i>Tupistra chinensis</i> as epidermal growth factor receptor inhibitors. <i>Medicinal Chemistry Research</i> , 2013, 22, 4970-4979.	2.4	16
123	3D-QSAR and pharmacophore model study on aryl diphenolic azoles as estrogen receptor- β ligands. <i>Medicinal Chemistry Research</i> , 2013, 22, 4468-4480.	2.4	0
124	Three-Dimensional Superwetting Mesh Film Based On Graphene Assembly for Liquid Transportation and Selective Absorption. <i>ChemSusChem</i> , 2013, 6, 2377-2381.	6.8	55
125	Conjugated Microporous Polymer-Derived Porous Hard Carbon as High-Rate Long-Life Anode Materials for Lithium Ion Batteries. <i>Energy Technology</i> , 2013, 1, 721-725.	3.8	25
126	3-Acyl-5-hydroxybenzofuran derivatives as potential anti-estrogen breast cancer agents: A combined experimental and theoretical investigation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4617-4621.	2.2	27

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127	Quantitative Structure-Activity Relationship Model of Lenalidomide Analogues as TNF-Inhibitors. , 2013, , .		0
128	Enhanced photovoltaic performance of a quantum dot-sensitized solar cell using a Nb-doped TiO ₂ electrode. Nanotechnology, 2013, 24, 415401.	2.6	16
129	The H ⁺ /K ⁺ -ATPase inhibitory activities of Trametenolic acid B from Trametes lactinea (Berk.) Pat, and its effects on gastric cancer cells. FÃ-toterapÃ-Ãc, 2013, 89, 210-217.	2.2	32
130	Superhydrophobic Activated Carbonâ€Coated Sponges for Separation and Absorption. ChemSusChem, 2013, 6, 1057-1062.	6.8	190
131	A 3Nrule for the electronic properties of doped graphene. Nanotechnology, 2013, 24, 225705.	2.6	53
132	Improving the performance of quantum dot-sensitized solar cells by using TiO ₂ nanosheets with exposed highly reactive facets. Nanotechnology, 2013, 24, 245401.	2.6	23
133	Capture and conversion of CO ₂ at ambient conditions by a conjugated microporous polymer. Nature Communications, 2013, 4, 1960.	12.8	661
134	Superhydrophobic Mesoporous Graphene for Separation and Absorption. ChemPlusChem, 2013, 78, 1282-1287.	2.8	39
135	Microwave-Assisted Synthesis and Anti-Breast Cancer Activity of 3-Acyl-5-hydroxybenzofurans. Advanced Materials Research, 2013, 803, 99-102.	0.3	0
136	Prominently Improved Hydrogen Purification and Dispersive Metal Binding for Hydrogen Storage by Substitutional Doping in Porous Graphene. Journal of Physical Chemistry C, 2012, 116, 21291-21296.	3.1	76
137	Bisabolangelone, a gastric H ⁺ /K ⁺ -ATPase inhibitor: homology modeling and docking study. Medicinal Chemistry Research, 2012, 21, 2476-2479.	2.4	3
138	Preparation of poly(acrylic acid)â€graphite oxide superabsorbent nanocomposites. Journal of Materials Chemistry, 2012, 22, 4811.	6.7	66
139	Study on the Morphologies of Covalent Organic Microporous Polymers: the Role of Reaction Solvents. Macromolecular Chemistry and Physics, 2012, 213, 1435-1440.	2.2	60
140	Aceneâ€Modified Triphenylamine Dyes for Dyeâ€Sensitized Solar Cells: A Computational Study. ChemPhysChem, 2012, 13, 2051-2060.	2.1	114
141	Inside Cover: Acene-Modified Triphenylamine Dyes for Dye-Sensitized Solar Cells: A Computational Study (ChemPhysChem 8/2012). ChemPhysChem, 2012, 13, 1966-1966.	2.1	1
142	Study on adsorption performance of conjugated microporous polymers for hydrogen and organic solvents: The role of pore volume. European Polymer Journal, 2012, 48, 705-711.	5.4	47
143	Reduced charge recombination in a co-sensitized quantum dot solar cell with two different sizes of CdSequantum dot. Nanoscale, 2011, 3, 674-677.	5.6	56
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