

Qin Li

List of Publications by Year in descending order

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136
papers

15,540
citations

23500

58
h-index

16605

123
g-index

137
all docs

137
docs citations

137
times ranked

19667
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Visible-Light-Driven Photocatalytic Hydrogen Production of CdS-Cluster-Decorated Graphene Nanosheets. <i>Journal of the American Chemical Society</i> , 2011, 133, 10878-10884.	6.6	2,260
2	Sulfur-doped g-C ₃ N ₄ with enhanced photocatalytic CO ₂ -reduction performance. <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 44-52.	10.8	919
3	Nitrogen-containing microporous carbon nanospheres with improved capacitive properties. <i>Energy and Environmental Science</i> , 2011, 4, 717-724.	15.6	852
4	Visible Light Photocatalytic H ₂ -Production Activity of CuS/ZnS Porous Nanosheets Based on Photoinduced Interfacial Charge Transfer. <i>Nano Letters</i> , 2011, 11, 4774-4779.	4.5	846
5	An Aqueous Route to Multicolor Photoluminescent Carbon Dots Using Silica Spheres as Carriers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4598-4601.	7.2	771
6	CdS/Graphene Nanocomposite Photocatalysts. <i>Advanced Energy Materials</i> , 2015, 5, 1500010.	10.2	694
7	Zn _{1-x} Cd _x S Solid Solutions with Controlled Bandgap and Enhanced Visible-Light Photocatalytic H ₂ -Production Activity. <i>ACS Catalysis</i> , 2013, 3, 882-889.	5.5	565
8	One-Step Synthesis of Highly Luminescent Carbon Dots in Noncoordinating Solvents. <i>Chemistry of Materials</i> , 2010, 22, 4528-4530.	3.2	367
9	Effect of carbon-dots modification on the structure and photocatalytic activity of g-C ₃ N ₄ . <i>Applied Catalysis B: Environmental</i> , 2016, 185, 225-232.	10.8	331
10	Photoluminescent Carbon Dots as Biocompatible Nanoprobes for Targeting Cancer Cells <i>in Vitro</i> . <i>Journal of Physical Chemistry C</i> , 2010, 114, 12062-12068.	1.5	318
11	Adsorption of mercury ions from synthetic and real wastewater aqueous solution by functionalized multi-walled carbon nanotube with both amino and thiolated groups. <i>Chemical Engineering Journal</i> , 2014, 237, 217-228.	6.6	278
12	Enhanced visible-light photocatalytic activity of plasmonic Ag and graphene co-modified Bi ₂ WO ₆ nanosheets. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1111-1120.	1.3	256
13	All-Cold Evaporation under One Sun with Zero Energy Loss by Using a Heatsink Inspired Solar Evaporator. <i>Advanced Science</i> , 2021, 8, 2002501.	5.6	225
14	Interparticle van der Waals force in powder flowability and compactibility. <i>International Journal of Pharmaceutics</i> , 2004, 280, 77-93.	2.6	207
15	Carbon dots as a trackable drug delivery carrier for localized cancer therapy <i>in vivo</i> . <i>Journal of Materials Chemistry B</i> , 2016, 4, 5119-5126.	2.9	204
16	Athermally photoreduced graphene oxides for three-dimensional holographic images. <i>Nature Communications</i> , 2015, 6, 6984.	5.8	198
17	Synergistic and competitive adsorption of organic dyes on multiwalled carbon nanotubes. <i>Chemical Engineering Journal</i> , 2012, 197, 34-40.	6.6	196
18	One-pot synthesis of highly ordered nitrogen-containing mesoporous carbon with resorcinol-urea-formaldehyde resin for CO ₂ capture. <i>Carbon</i> , 2014, 69, 502-514.	5.4	188

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19	Structural evolution of graphene quantum dots during thermal decomposition of citric acid and the corresponding photoluminescence. <i>Carbon</i> , 2015, 82, 304-313.	5.4	183
20	Fabrication of Large-Area, Transferable Colloidal Monolayers Utilizing Self-Assembly at the Air/Water Interface. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 230-241.	1.1	175
21	Superiority of graphene over carbon analogs for enhanced photocatalytic H ₂ -production activity of ZnIn ₂ S ₄ . <i>Applied Catalysis B: Environmental</i> , 2017, 206, 344-352.	10.8	156
22	Halogen element modified titanium dioxide for visible light photocatalysis. <i>Chemical Engineering Journal</i> , 2010, 162, 437-447.	6.6	153
23	London-van der Waals adhesiveness of rough particles. <i>Powder Technology</i> , 2006, 161, 248-255.	2.1	149
24	Enhanced Photocatalytic Hydrogen-Production Performance of Graphene-ZnCdS Composites by Using an Organic S Source. <i>Chemistry - A European Journal</i> , 2014, 20, 1176-1185.	1.7	149
25	Ionic-Liquid-Assisted Synthesis of Uniform Fluorinated B/C-Codoped TiO ₂ Nanocrystals and Their Enhanced Visible-Light Photocatalytic Activity. <i>Chemistry - A European Journal</i> , 2013, 19, 2433-2441.	1.7	147
26	Graphene oxide membranes with tunable permeability due to embedded carbon dots. <i>Chemical Communications</i> , 2014, 50, 13089-13092.	2.2	145
27	Adhesion and cohesion of epoxy-based industrial composite coatings. <i>Composites Part B: Engineering</i> , 2020, 193, 108035.	5.9	134
28	One-pot calcination synthesis of Cd _{0.5} Zn _{0.5} S/g-C ₃ N ₄ photocatalyst with a step-scheme heterojunction structure. <i>Journal of Materials Science and Technology</i> , 2020, 56, 206-215.	5.6	126
29	The dual roles of functional groups in the photoluminescence of graphene quantum dots. <i>Nanoscale</i> , 2016, 8, 7449-7458.	2.8	125
30	The toxicity of graphene quantum dots. <i>RSC Advances</i> , 2016, 6, 89867-89878.	1.7	124
31	Heterojunction construction between TiO ₂ hollowsphere and ZnIn ₂ S ₄ flower for photocatalysis application. <i>Applied Surface Science</i> , 2017, 398, 81-88.	3.1	123
32	More from less: improving solar steam generation by selectively removing a portion of evaporation surface. <i>Science Bulletin</i> , 2022, 67, 1572-1580.	4.3	122
33	Laser induced self-N-doped porous graphene as an electrochemical biosensor for femtomolar miRNA detection. <i>Carbon</i> , 2020, 163, 385-394.	5.4	118
34	Laser-Reduced Graphene: Synthesis, Properties, and Applications. <i>Advanced Materials Technologies</i> , 2018, 3, 1700315.	3.0	116
35	Preparation of Multilayered Trimodal Colloid Crystals and Binary Inverse Opals. <i>Journal of the American Chemical Society</i> , 2006, 128, 15606-15607.	6.6	111
36	Technologies for reducing sludge production in wastewater treatment plants: State of the art. <i>Science of the Total Environment</i> , 2017, 587-588, 510-521.	3.9	111

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37	Near-Infrared Triggered Decomposition of Nanocapsules with High Tumor Accumulation and Stimuli Responsive Fast Elimination. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2611-2615.	7.2	111
38	Upconversion fluorescent carbon nanodots enriched with nitrogen for light harvesting. <i>Journal of Materials Chemistry</i> , 2012, 22, 15522.	6.7	110
39	Visible-Light Photocatalytic Hydrogen Production Activity of ZnIn ₂ S ₄ Microspheres Using Carbon Quantum Dots and Platinum as Dual Co-catalysts. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1766-1770.	1.7	107
40	A Comparative Study on the Adsorption of Acid and Reactive Dyes on Multiwall Carbon Nanotubes in Single and Binary Dye Systems. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 1563-1569.	1.0	103
41	Photocatalytic selective oxidation of phenol to produce dihydroxybenzenes in a TiO ₂ /UV system: Hydroxyl radical versus hole. <i>Applied Catalysis B: Environmental</i> , 2016, 199, 405-411.	10.8	95
42	Effect of acid on the photocatalytic degradation of rhodamine B over g-C ₃ N ₄ . <i>Applied Surface Science</i> , 2015, 358, 336-342.	3.1	87
43	Emerging technologies for PFOS/PFOA degradation and removal: A review. <i>Science of the Total Environment</i> , 2022, 827, 153669.	3.9	83
44	The forces at work in colloidal self-assembly: a review on fundamental interactions between colloidal particles. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2008, 3, 255-268.	0.8	77
45	Structural and optical characterization of 3D binary colloidal crystal and inverse opal films prepared by direct co-deposition. <i>Journal of Materials Chemistry</i> , 2008, 18, 981.	6.7	77
46	Dendritic Cell-Inspired Designed Architectures toward Highly Efficient Electrocatalysts for Nitrate Reduction Reaction. <i>Small</i> , 2020, 16, e2001775.	5.2	74
47	Fabrication of TiO ₂ Binary Inverse Opals without Overlayers via the Sandwich-Vacuum Infiltration of Precursor. <i>Langmuir</i> , 2011, 27, 5157-5164.	1.6	72
48	Green inhibitors for steel corrosion in acidic environment: state of art. <i>Materials Today Sustainability</i> , 2020, 10, 100044.	1.9	72
49	CdS-modified one-dimensional g-C ₃ N ₄ porous nanotubes for efficient visible-light photocatalytic conversion. <i>Chinese Journal of Catalysis</i> , 2019, 40, 959-968.	6.9	70
50	Techniques to enhance magnetic permeability in microwave absorbing materials. <i>Applied Materials Today</i> , 2020, 19, 100596.	2.3	70
51	Tuning the sub-processes in laser reduction of graphene oxide by adjusting the power and scanning speed of laser. <i>Carbon</i> , 2019, 141, 83-91.	5.4	68
52	Carbon dots functionalized by organosilane with double-sided anchoring for nanomolar Hg ²⁺ detection. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 28-34.	5.0	67
53	Size and charge dual-transformable mesoporous nanoassemblies for enhanced drug delivery and tumor penetration. <i>Chemical Science</i> , 2020, 11, 2819-2827.	3.7	66
54	Removal of mercury(II) and cadmium(II) ions from synthetic wastewater by a newly synthesized amino and thiolated multi-walled carbon nanotubes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 67, 397-405.	2.7	65

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55	Quantum-confined bandgap narrowing of TiO ₂ nanoparticles by graphene quantum dots for visible-light-driven applications. <i>Chemical Communications</i> , 2016, 52, 9208-9211.	2.2	64
56	Binary Colloidal Crystals Fabricated with a Horizontal Deposition Method. <i>Langmuir</i> , 2009, 25, 6753-6759.	1.6	63
57	Effect of mesoporous g-C ₃ N ₄ substrate on catalytic oxidation of CO over Co ₃ O ₄ . <i>Applied Surface Science</i> , 2017, 401, 333-340.	3.1	63
58	Direct Cr (VI) bio-reduction with organics as electron donor by anaerobic sludge. <i>Chemical Engineering Journal</i> , 2017, 309, 330-338.	6.6	63
59	Synthesis and characterization of Pd/ZSM-5/MCM-48 biporous catalysts with superior activity for benzene oxidation. <i>Applied Catalysis A: General</i> , 2010, 382, 167-175.	2.2	59
60	Salt-embedded carbon nanodots as a UV and thermal stable fluorophore for light-emitting diodes. <i>Journal of Luminescence</i> , 2014, 154, 1-7.	1.5	59
61	Laser induced graphene for biosensors. <i>Sustainable Materials and Technologies</i> , 2020, 25, e00205.	1.7	59
62	Near-infrared light triggered drug release from mesoporous silica nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7112-7121.	2.9	57
63	Self-assembled, aligned TiC nanoplatelet-reinforced titanium composites with outstanding compressive properties. <i>Scripta Materialia</i> , 2013, 69, 29-32.	2.6	56
64	Detection of regional DNA methylation using DNA-graphene affinity interactions. <i>Biosensors and Bioelectronics</i> , 2017, 87, 615-621.	5.3	56
65	Fabrication of Binary Colloidal Crystals and Non-Close-Packed Structures by a Sequential Self-Assembly Method. <i>Langmuir</i> , 2007, 23, 1473-1477.	1.6	48
66	Facile synthesis of CNTs/CaIn ₂ S ₄ composites with enhanced visible-light photocatalytic performance. <i>Applied Surface Science</i> , 2017, 391, 565-571.	3.1	48
67	Evolution of Interparticle Capillary Forces during Drying of Colloidal Crystals. <i>Langmuir</i> , 2006, 22, 3692-3697.	1.6	45
68	Laser irradiated vortex fluidic mediated synthesis of luminescent carbon nanodots under continuous flow. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 164-170.	1.9	44
69	Yellow-Emitting Carbon Nanodots and Their Flexible and Transparent Films for White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33102-33111.	4.0	43
70	Simulation and fabrication of binary colloidal photonic crystals and their inverse structures. <i>Materials Letters</i> , 2009, 63, 2078-2081.	1.3	41
71	Picomolar reversible Hg(II) solid-state sensor based on carbon dots in double heterostructure colloidal photonic crystals. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 204-211.	4.0	40
72	Syntheses, structures and luminescence properties of three metal-organic frameworks based on 5-(4-(2H-tetrazol-5-yl)phenoxy)isophthalic acid. <i>CrystEngComm</i> , 2014, 16, 339-343.	1.3	39

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73	Visible-light-driven Ag-decorated g-C ₃ N ₄ /Bi ₂ WO ₆ Z-scheme composite for high photocatalytic activity. <i>Materials Letters</i> , 2017, 204, 149-153.	1.3	39
74	Sandwich-structured TiO ₂ inverse opal circulates slow photons for tremendous improvement in solar energy conversion efficiency. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12803-12810.	5.2	39
75	A novel bottom-up solvothermal synthesis of carbon nanosheets. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2390.	5.2	38
76	A study of growth mechanism of KDP and ADP crystals by means of quantum chemistry. <i>Applied Surface Science</i> , 2008, 254, 4524-4530.	3.1	35
77	Anomalous Fluorescence Enhancement from Double Heterostructure 3D Colloidal Photonic Crystals—A Multifunctional Fluorescence-Based Sensor Platform. <i>Scientific Reports</i> , 2015, 5, 14439.	1.6	35
78	Kinetics-mediate fabrication of multi-model bioimaging lanthanide nanoplates with controllable surface roughness for blood brain barrier transportation. <i>Biomaterials</i> , 2017, 141, 223-232.	5.7	32
79	Colouring mechanism of dyed KDP crystal by quantum chemistry. <i>Computational and Theoretical Chemistry</i> , 2007, 810, 7-13.	1.5	31
80	New morphological Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O _{3-δ} hollow fibre membranes with high oxygen permeation fluxes. <i>Ceramics International</i> , 2013, 39, 431-437.	2.3	31
81	Application of integrated ozone and granular activated carbon for decolorization and chemical oxygen demand reduction of vinasse from alcohol distilleries. <i>Journal of Environmental Management</i> , 2016, 170, 28-36.	3.8	30
82	Photocatalytic H ₂ generation from aqueous ammonia solution using TiO ₂ nanowires-intercalated reduced graphene oxide composite membrane under low power UV light. <i>Emergent Materials</i> , 2019, 2, 303-311.	3.2	30
83	Templated Silica with Increased Surface Area and Expanded Microporosity: Synthesis, Characterization, and Catalytic Application. <i>Chemical Engineering Journal</i> , 2010, 162, 901-909.	6.6	28
84	Advancement in materials for energy-saving lighting devices. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 13-26.	2.3	27
85	Biowaste-Derived, Self-Organized Arrays of High-Performance 2D Carbon Emitters for Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2020, 32, e1906176.	11.1	27
86	Porous Networks Through Colloidal Templates. <i>Topics in Current Chemistry</i> , 2008, 287, 135-180.	4.0	25
87	Amine-rich carbon nanodots as a fluorescence probe for methamphetamine precursors. <i>Analytical Methods</i> , 2015, 7, 6869-6876.	1.3	25
88	Inorganic Nanocrystals Functionalized Mesoporous Silica Nanoparticles: Fabrication and Enhanced Bio-applications. <i>Frontiers in Chemistry</i> , 2017, 5, 118.	1.8	25
89	Past and present of functionally graded coatings: Advancements and future challenges. <i>Applied Materials Today</i> , 2022, 26, 101373.	2.3	25
90	Selective toxicity of hydroxyl-rich carbon nanodots for cancer research. <i>Nano Research</i> , 2018, 11, 2204-2216.	5.8	24

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91	The effect of fluorophore incorporation on fluorescence enhancement in colloidal photonic crystals. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1743-1749.	1.3	23
92	High performance heterojunction photocatalytic membranes formed by embedding Cu ₂ O and TiO ₂ nanowires in reduced graphene oxide. <i>Catalysis Science and Technology</i> , 2018, 8, 1704-1711.	2.1	23
93	Synthesis of Oxidant Prone Nanosilver To Develop H ₂ O ₂ Responsive Drug Delivery System. <i>Langmuir</i> , 2015, 31, 514-521.	1.6	22
94	Carbon dots derived from human hair for ppb level chloroform sensing in water. <i>Sustainable Materials and Technologies</i> , 2020, 25, e00159.	1.7	21
95	Tailoring the edges of graphene quantum dots to establish localized π - π interactions with aromatic molecules. <i>RSC Advances</i> , 2015, 5, 41248-41254.	1.7	19
96	Deprotonation-Triggered Stokes Shift Fluorescence of an Unexpected Basic-Stable Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2015, 54, 65-68.	1.9	19
97	Tannic Acid-Assisted Fabrication of N/B-Codoped Hierarchical Carbon Nanofibers from Electrospun Zeolitic Imidazolate Frameworks as Free-Standing Electrodes for High-Performance Supercapacitors. <i>Journal of Electronic Materials</i> , 2019, 48, 3050-3058.	1.0	17
98	The Effect of Fluid Flow on Selective Protein Adsorption on Polystyrene-block-Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	1.6	16
99	Synthesis of pyramidal, cubical and truncated octahedral magnetite nanocrystals by controlling reaction heating rate. <i>Advanced Powder Technology</i> , 2011, 22, 532-536.	2.0	16
100	Ensembles of Photonic Beads: Optical Properties and Enhanced Light-Matter Interactions. <i>Advanced Optical Materials</i> , 2020, 8, 1901537.	3.6	16
101	Localized Surface Plasmon Enhanced Laser Reduction of Graphene Oxide for Wearable Strain Sensor. <i>Advanced Materials Technologies</i> , 2021, 6, 2001191.	3.0	16
102	Monochromatic Blue and Switchable Blue-Green Carbon Quantum Dots by Room-Temperature Air Plasma Processing. <i>Advanced Materials Technologies</i> , 2022, 7, 2100586.	3.0	16
103	Lethal drug combination: Arsenic loaded multiple drug mesoporous silica for theranostic applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 506-514.	2.5	15
104	Thin Film Mechano-Energy Induced Slicing of Carbon Nanotubes under Flow. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16044-16051.	3.2	13
105	3D Hierarchically Ordered Composite Block Copolymer Hollow Sphere Arrays by Solution Wetting. <i>Langmuir</i> , 2010, 26, 12336-12341.	1.6	12
106	Parallel Lattice Boltzmann Computing and Applications in Core Sample Feature Evaluation. <i>Transport in Porous Media</i> , 2015, 107, 65-77.	1.2	12
107	Highly Sensitive Homogeneous Immunoassays Based on Construction of Silver Triangular Nanoplates-Quantum Dots FRET System. <i>Scientific Reports</i> , 2016, 6, 26534.	1.6	12
108	Molecular Simulation of RMM: Ordered Mesoporous SBA-15 Type Material Having Microporous ZSM-5 Walls. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17993-17997.	1.2	11

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109	Tunable Two-Dimensional Array Patterning of Antibody Annuli through Microsphere Templating. <i>Langmuir</i> , 2010, 26, 12068-12074.	1.6	10
110	Application of Multivariate Curve Resolution Method in the Quantitative Monitoring Transformation of Salvianolic Acid A Using Online UV Spectroscopy and Mass Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 3238-3245.	1.8	10
111	Free sulfurous acid (FSA) inhibition of biological thiosulfate reduction (BTR) in the sulfur cycle-driven wastewater treatment process. <i>Chemosphere</i> , 2017, 176, 212-220.	4.2	10
112	Tuning Enhancement Efficiency of Multiple Emissive Centers in Graphene Quantum Dots by Core-Shell Plasmonic Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5673-5679.	2.1	10
113	Modification of Bi ₂ WO ₆ composites with rGO for enhanced visible light driven NO removal. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2017, 12, 121-127.	0.8	9
114	Structure and Transport Properties of Nanostructured Materials. <i>Journal of Physical Chemistry B</i> , 2005, 109, 5691-5699.	1.2	8
115	Syntheses and pharmacokinetics properties of an iloperidone pharmaceutical cocrystal. <i>Inorganic Chemistry Communication</i> , 2014, 39, 144-146.	1.8	8
116	Composition and concentration-dependent photoluminescence of nitrogen-doped carbon dots. <i>Advanced Powder Technology</i> , 2022, 33, 103560.	2.0	7
117	Continuous flow fabrication of green graphene oxide in aqueous hydrogen peroxide. <i>Nanoscale Advances</i> , 2022, 4, 3121-3130.	2.2	7
118	Feasibility of Recharging Reclaimed Wastewater to the Coastal Aquifers of Perth, Western Australia. <i>Chemical Engineering Research and Design</i> , 2006, 84, 237-246.	2.7	6
119	Quasi-solid-state self-assembly of 1D-branched ZnSe/ZnS quantum rods into parallel monorail-like continuous films for solar devices. <i>Nano Energy</i> , 2021, 89, 106348.	8.2	6
120	Characterization of adhesion of copper to poly(tetrafluoroethylene). <i>Journal of Materials Science Letters</i> , 1999, 18, 1205-1208.	0.5	5
121	Simulation and fabrication of THz waveguides with silicon wafer by using eye-shaped pillars as building blocks. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 102, 373-377.	1.1	5
122	Removal of iodides and bromides at parts per million concentrations using a novel bismuth composite material. <i>Materials Today Sustainability</i> , 2020, 10, 100054.	1.9	5
123	A numerical study on the role of geometry confinement and fluid flow in colloidal self-assembly. <i>Powder Technology</i> , 2011, 214, 283-291.	2.1	4
124	Apparent thermal conductivity of photoluminescent C-dot nanofluid. <i>Journal of Molecular Liquids</i> , 2019, 286, 110948.	2.3	4
125	Fluorescent Carbon Dots Functionalized with Self-Assembled Glycan Monolayers for Probing Interactions across the Glyco-Interactome. <i>ACS Applied Nano Materials</i> , 2020, 3, 7804-7817.	2.4	4
126	Band Alignment with Self-Assembled 2D Layer of Carbon Derived from Waste to Balance Charge Injection in Perovskite Crystals Based Rigid and Flexible Light Emitting Diodes. <i>Advanced Materials Technologies</i> , 2022, 7, 2100583.	3.0	4

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127	A Study of Particle Packing Compression under Fluid Drag Force by DEM Simulations. Asia-Pacific Journal of Chemical Engineering, 2005, 13, 693-708.	0.0	3
128	Simultaneous model of chlorine dosing and decay in drinking water distribution system and model predictive control application. Asia-Pacific Journal of Chemical Engineering, 2008, 3, 613-621.	0.8	2
129	Quasi-Continuously Tuning the Size of Graphene Quantum Dots via an Edge-Etching Mechanism. MRS Advances, 2016, 1, 1459-1467.	0.5	2
130	Guest-host encapsulation of microporous zeolites in ordered mesoporous materials by molecular simulations. Physical Chemistry Chemical Physics, 2005, 7, 3501.	1.3	1
131	The Effects of Surfactants on the Morphology of Colloidal Crystals in Self-assembly. Materials Research Society Symposia Proceedings, 2006, 942, 1.	0.1	1
132	Biopatterns Created Using Colloidal Templates. , 2015, , 325-346.		1
133	Guest editorial: particles and porous materials. Asia-Pacific Journal of Chemical Engineering, 2008, 3, 237-238.	0.8	0
134	A Study on the UV- and Thermo- Stability of Organosilane-Functionalized Carbon Dots Films. Advanced Materials Research, 0, 557-559, 739-742.	0.3	0
135	Laser induced carbon nano-structures for planar antenna fabrication at microwave frequencies. , 2014, , .		0
136	Mercuric Ion: Chemistry Aspect of Optical Detection and Sensing. , 2014, , 1-20.		0