

# Dong Yang

## List of Publications by Year in descending order

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188  
papers

10,909  
citations

26567

56  
h-index

35952

97  
g-index

197  
all docs

197  
docs citations

197  
times ranked

16759  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Generalized Ligand-Exchange Strategy Enabling Sequential Surface Functionalization of Colloidal Nanocrystals. <i>Journal of the American Chemical Society</i> , 2011, 133, 998-1006.	6.6	770
2	Binary nanocrystal superlattice membranes self-assembled at the liquid–air interface. <i>Nature</i> , 2010, 466, 474-477.	13.7	758
3	Well-defined graft copolymers: from controlled synthesis to multipurpose applications. <i>Chemical Society Reviews</i> , 2011, 40, 1282-1295.	18.7	376
4	Preparation of pH-Responsive Mesoporous Silica Nanoparticles and Their Application in Controlled Drug Delivery. <i>Journal of Physical Chemistry C</i> , 2011, 115, 9926-9932.	1.5	291
5	Generalized colloidal synthesis of high-quality, two-dimensional cesium lead halide perovskite nanosheets and their applications in photodetectors. <i>Nanoscale</i> , 2016, 8, 13589-13596.	2.8	252
6	Quasi-Two-Dimensional Halide Perovskite Single Crystal Photodetector. <i>ACS Nano</i> , 2018, 12, 4919-4929.	7.3	252
7	General Synthesis of Mesoporous Spheres of Metal Oxides and Phosphates. <i>Journal of the American Chemical Society</i> , 2003, 125, 4976-4977.	6.6	237
8	Yb- and Mn-Doped Lead-Free Double Perovskite Cs <sub>2</sub> AgBiX <sub>6</sub> (X = Cl, Br, I) Thin Films for Optoelectronic Applications. <i>ACS Nano</i> , 2019, 13, 1190-1198.	4.8	190
9	Simple-Cubic Carbon Frameworks with Atomically Dispersed Iron Dopants toward High-Efficiency Oxygen Reduction. <i>Nano Letters</i> , 2017, 17, 2003-2009.	4.5	168
10	Urban particulate matter triggers lung inflammation via the ROS-MAPK-NF- $\kappa$ B signaling pathway. <i>Journal of Thoracic Disease</i> , 2017, 9, 4398-4412.	0.6	161
11	Controlled Synthesis of Magnetite–Silica Nanocomposites via a Seeded Sol–Gel Approach. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7646-7651.	1.5	160
12	Two-Dimensional Binary and Ternary Nanocrystal Superlattices: The Case of Monolayers and Bilayers. <i>Nano Letters</i> , 2011, 11, 1804-1809.	4.5	159
13	Magnetic functionalised carbon nanotubes as drug vehicles for cancer lymph node metastasis treatment. <i>European Journal of Cancer</i> , 2011, 47, 1873-1882.	1.3	159
14	Solution–Liquid–Solid Synthesis, Properties, and Applications of One-Dimensional Colloidal Semiconductor Nanorods and Nanowires. <i>Chemical Reviews</i> , 2016, 116, 10888-10933.	23.0	153
15	COVID-19-associated gastrointestinal and liver injury: clinical features and potential mechanisms. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 256.	7.1	152
16	Hollow Zeolite Capsules: A Novel Approach for Fabrication and Guest Encapsulation. <i>Chemistry of Materials</i> , 2002, 14, 3217-3219.	3.2	149
17	Tailoring the Assembly of Iron Nanoparticles in Carbon Microspheres toward High-Performance Electrocatalytic Denitrification. <i>Nano Letters</i> , 2019, 19, 5423-5430.	4.5	147
18	Collective Dipolar Interactions in Self-Assembled Magnetic Binary Nanocrystal Superlattice Membranes. <i>Nano Letters</i> , 2010, 10, 5103-5108.	4.5	143

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19	Hydrophilic multi-walled carbon nanotubes decorated with magnetite nanoparticles as lymphatic targeted drug delivery vehicles. <i>Chemical Communications</i> , 2009, , 4447.	2.2	142
20	A nitrogen-doped ordered mesoporous carbon/graphene framework as bifunctional electrocatalyst for oxygen reduction and evolution reactions. <i>Nano Energy</i> , 2016, 30, 503-510.	8.2	140
21	Fabrication of three-dimensionally interconnected nanoparticle superlattices and their lithium-ion storage properties. <i>Nature Communications</i> , 2015, 6, 6420.	5.8	131
22	A One-Dimensional Organic Lead Chloride Hybrid with Excitation-Dependent Broadband Emissions. <i>ACS Energy Letters</i> , 2018, 3, 1443-1449.	8.8	124
23	Quasicrystalline nanocrystal superlattice with partial matching rules. <i>Nature Materials</i> , 2017, 16, 214-219.	13.3	114
24	Spontaneous exfoliation and tailoring of MoS <sub>2</sub> in mixed solvents. <i>Chemical Communications</i> , 2014, 50, 15936-15939.	2.2	113
25	Tubular Monolayer Superlattices of Hollow Mn <sub>3</sub> O <sub>4</sub> Nanocrystals and Their Oxygen Reduction Activity. <i>Journal of the American Chemical Society</i> , 2017, 139, 12133-12136.	6.6	113
26	Zeolitization of diatomite to prepare hierarchical porous zeolite materials through a vapor-phase transport process. <i>Journal of Materials Chemistry</i> , 2002, 12, 1812-1818.	6.7	109
27	Preparation, characterization and application of magnetic silica nanoparticle functionalized multi-walled carbon nanotubes. <i>Chemical Communications</i> , 2005, , 5548.	2.2	104
28	Nuclear-Targeted Multifunctional Magnetic Nanoparticles for Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601289.	3.9	103
29	Electronically Coupled Nanocrystal Superlattice Films by <i>in Situ</i> Ligand Exchange at the Liquid-Air Interface. <i>ACS Nano</i> , 2013, 7, 10978-10984.	7.3	101
30	A Multi-Scale Structural Engineering Strategy for High-Performance MXene Hydrogel Supercapacitor Electrode. <i>Advanced Science</i> , 2021, 8, e2101664.	5.6	98
31	Highly Ordered Mesoporous Few-Layer Graphene Frameworks Enabled by Fe <sub>3</sub> O <sub>4</sub> Nanocrystal Superlattices. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5727-5731.	7.2	95
32	PAA-g-PPO Amphiphilic Graft Copolymer: Synthesis and Diverse Micellar Morphologies. <i>Macromolecules</i> , 2010, 43, 262-270.	2.2	91
33	Self-Assembly of One-Dimensional Nanocrystal Superlattice Chains Mediated by Molecular Clusters. <i>Journal of the American Chemical Society</i> , 2016, 138, 3290-3293.	6.6	88
34	Hydrothermal treatment to prepare hydroxyl group modified multi-walled carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2008, 18, 350-354.	6.7	85
35	Nanocrystal supracrystal-derived atomically dispersed Mn-Fe catalysts with enhanced oxygen reduction activity. <i>Nano Energy</i> , 2019, 63, 103851.	8.2	85
36	Elaborately Designed Micro-Mesoporous Graphitic Carbon Spheres as Efficient Polysulfide Reservoir for Lithium-Sulfur Batteries. <i>ACS Energy Letters</i> , 2017, 2, 1105-1114.	8.8	84

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37	Convenient Synthesis of PBA- <i>g</i> -PMA Well-Defined Graft Copolymer with Tunable Grafting Density. <i>Macromolecules</i> , 2010, 43, 117-125.	2.2	83
38	Designing Champion Nanostructures of Tungsten Dichalcogenides for Electrocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2020, 32, e2002584.	11.1	82
39	Preparation of monodispersed hybrid nanospheres with high magnetite content from uniform Fe <sub>3</sub> O <sub>4</sub> clusters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 339, 232-239.	2.3	80
40	Multiscale Periodic Assembly of Striped Nanocrystal Superlattice Films on a Liquid Surface. <i>Nano Letters</i> , 2011, 11, 841-846.	4.5	79
41	Scalable Assembly of Crystalline Binary Nanocrystal Superparticles and Their Enhanced Magnetic and Electrochemical Properties. <i>Journal of the American Chemical Society</i> , 2018, 140, 15038-15047.	6.6	77
42	Synthesis of well-defined amphiphilic graft copolymer bearing poly(2-acryloyloxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td 2009, 47, 4346-4357.	2.5	75
43	Thermoresponsive graphene oxide- <i>PNIPAM</i> nanocomposites with controllable grafting polymer chains via moderate <i>in situ</i> SET-LRP. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4451-4458.	2.5	75
44	Synthesis of Platinum Nanoparticles Supported on Poly(acrylic acid) Grafted MWNTs and Their Hydrogenation of Citral. <i>Chemistry of Materials</i> , 2008, 20, 2291-2297.	3.2	74
45	Bowl-like 3C-SiC Nanoshells Encapsulated in Hollow Graphitic Carbon Spheres for High-Rate Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2016, 28, 1179-1186.	3.2	73
46	Design of Controlled Drug Delivery System Based on Disulfide Cleavage Trigger. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12311-12317.	1.2	70
47	Superhydrophobic Graphene-Based Materials: Surface Construction and Functional Applications. <i>Advanced Materials</i> , 2013, 25, 5352-5359.	11.1	68
48	Neutrophil-to-lymphocyte ratio as a prognostic marker in acute respiratory distress syndrome patients: a retrospective study. <i>Journal of Thoracic Disease</i> , 2018, 10, 273-282.	0.6	68
49	Novel Fe <sub>3</sub> O <sub>4</sub> -CNTs nanocomposite for Li-ion batteries with enhanced electrochemical performance. <i>Electrochimica Acta</i> , 2014, 144, 235-242.	2.6	64
50	An efficient electrochemical sensor based on three-dimensionally interconnected mesoporous graphene framework for simultaneous determination of Cd(II) and Pb(II). <i>Electrochimica Acta</i> , 2016, 222, 1371-1377.	2.6	60
51	“Fishing”-Polymer Brushes on Single-Walled Carbon Nanotubes by <i>in-Situ</i> Free Radical Polymerization in a Poor Solvent. <i>Macromolecules</i> , 2006, 39, 9035-9040.	2.2	59
52	PMHDO- <i>g</i> -PEG Double-Bond-Based Amphiphilic Graft Copolymer: Synthesis and Diverse Self-Assembled Nanostructures. <i>Macromolecules</i> , 2009, 42, 4249-4256.	2.2	59
53	Hierarchically structured graphene-based supercapacitor electrodes. <i>RSC Advances</i> , 2013, 3, 21183.	1.7	59
54	Molecular Ligand-Mediated Assembly of Multicomponent Nanosheet Superlattices for Compact Capacitive Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20628-20635.	7.2	59

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55	Uniformly coating ZnAl layered double oxide nanosheets with ultra-thin carbon by ligand and phase transformation for enhanced adsorption of anionic pollutants. <i>Journal of Hazardous Materials</i> , 2020, 397, 122766.	6.5	59
56	Hierarchically Porous Silica Membrane as Separator for High-Performance Lithium-Ion Batteries. <i>Advanced Materials</i> , 2022, 34, e2107957.	11.1	59
57	Deletion of peroxiredoxin 6 potentiates lipopolysaccharide-induced acute lung injury in mice*. <i>Critical Care Medicine</i> , 2011, 39, 756-764.	0.4	58
58	Pilot study of targeting magnetic carbon nanotubes to lymph nodes. <i>Nanomedicine</i> , 2009, 4, 317-330.	1.7	57
59	Immobilization of trypsin on graphene oxide for microwave-assisted on-plate proteolysis combined with MALDI-MS analysis. <i>Analyst</i> , 2012, 137, 2757.	1.7	56
60	Mental health status and related influencing factors of COVID-19 survivors in Wuhan, China. <i>Clinical and Translational Medicine</i> , 2020, 10, e52.	1.7	55
61	Enhanced Thermal Stability and Magnetic Properties in NaCl-Type FePt-MnO Binary Nanocrystal Superlattices. <i>Journal of the American Chemical Society</i> , 2011, 133, 13296-13299.	6.6	54
62	In situ synthesized rGO-Fe <sub>3</sub> O <sub>4</sub> nanocomposites as enzyme immobilization support for achieving high activity recovery and easy recycling. <i>Biochemical Engineering Journal</i> , 2016, 105, 273-280.	1.8	53
63	An affordable manufacturing method to boost the initial Coulombic efficiency of disproportionated SiO <sub>2</sub> lithium-ion battery anodes. <i>Journal of Power Sources</i> , 2019, 426, 116-123.	4.0	53
64	Thermoresponsive PEGMEA-g-PPEGEEMA well-defined double hydrophilic graft copolymer synthesized by successive SET-LRP and ATRP. <i>Journal of Polymer Science Part A</i> , 2010, 48, 647-655.	2.5	50
65	Stimuli-Responsive Polymer Covalent Functionalization of Graphene Oxide by Ce(IV)-Induced Redox Polymerization. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24636-24641.	1.5	50
66	Mechanistic Study of the Covalent Loading of Paclitaxel via Disulfide Linkers for Controlled Drug Release. <i>Langmuir</i> , 2013, 29, 734-743.	1.6	50
67	Five-year results of small incision lenticule extraction (SMILE) and femtosecond laser LASIK (FS-LASIK) for myopia. <i>Acta Ophthalmologica</i> , 2019, 97, e373-e380.	0.6	50
68	Synthesis of well-defined PNIPAM-b-(PEA-g-P2VP) double hydrophilic graft copolymer via sequential SET-LRP and ATRP and its schizoporemic micellization behavior in aqueous media. <i>Journal of Polymer Science Part A</i> , 2010, 48, 15-23.	2.5	47
69	Nitroxide radical coupling reaction: a powerful tool in polymer and material synthesis. <i>Polymer Chemistry</i> , 2013, 4, 2384.	1.9	47
70	A bioinspired high-modulus mineral hydrogel binder for improving the cycling stability of micro-sized silicon particle-based lithium-ion battery. <i>Nano Research</i> , 2019, 12, 1121-1127.	5.8	47
71	Successive SET-LRP and ATRP synthesis of ferrocene-based PEGMEA-g-PAEFC well-defined amphiphilic graft copolymer. <i>Journal of Polymer Science Part A</i> , 2012, 50, 811-820.	2.5	46
72	Pomegranate-like, carbon-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticle superparticles for high-performance lithium storage. <i>Energy Storage Materials</i> , 2018, 10, 32-39.	9.5	45

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73	Self-assembly of transition-metal-oxide nanoparticle supraparticles with designed architectures and their enhanced lithium storage properties. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16128-16135.	5.2	43
74	Body mass index of patients with chronic obstructive pulmonary disease is associated with pulmonary function and exacerbations: a retrospective real world research. <i>Journal of Thoracic Disease</i> , 2018, 10, 5086-5099.	0.6	43
75	Ultralow platinum loading proton exchange membrane fuel cells: Performance losses and solutions. <i>Journal of Power Sources</i> , 2021, 490, 229515.	4.0	43
76	Cisplatin and doxorubicin dual-loaded mesoporous silica nanoparticles for controlled drug delivery. <i>RSC Advances</i> , 2016, 6, 94160-94169.	1.7	42
77	Synthesis of ultrasmall CsPbBr <sub>3</sub> nanoclusters and their transformation to highly deep-blue-emitting nanoribbons at room temperature. <i>Nanoscale</i> , 2017, 9, 17248-17253.	2.8	42
78	Fullerene Polymer Complex Inducing Dipole Electric Field for Stable Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2019, 29, 1804419.	7.8	42
79	Ionic Liquid as the C and N Sources to Prepare Yolk-shell Fe <sub>3</sub> O <sub>4</sub> @N-doped Carbon Nanoparticles and its High Performance in Lithium-ion Battery. <i>Electrochimica Acta</i> , 2016, 190, 797-803.	2.6	41
80	Self-Assembled Nanoparticle Supertubes as Robust Platform for Revealing Long-Term, Multiscale Lithiation Evolution. <i>Matter</i> , 2019, 1, 976-987.	5.0	41
81	PPEGMEA- <i>g</i> -PDEAEMA: Double hydrophilic double-grafted copolymer stimuli-responsive to both pH and salinity. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3142-3153.	2.5	39
82	Size-controllable gold nanoparticles stabilized by PDEAEMA-based double hydrophilic graft copolymer. <i>Polymer</i> , 2009, 50, 3990-3996.	1.8	38
83	Reduction-responsive drug delivery based on mesoporous silica nanoparticle core with crosslinked poly(acrylic acid) shell. <i>Materials Science and Engineering C</i> , 2013, 33, 3426-3431.	3.8	38
84	Direct Probing of the Oxygen Evolution Reaction at Single NiFe <sub>2</sub> O <sub>4</sub> Nanocrystal Superparticles with Tunable Structures. <i>Journal of the American Chemical Society</i> , 2021, 143, 16925-16929.	6.6	38
85	Decorating multi-walled carbon nanotubes with nickel nanoparticles for selective hydrogenation of citral. <i>Journal of Solid State Chemistry</i> , 2009, 182, 2279-2284.	1.4	37
86	Star-like PAA- <i>g</i> -PPO well-defined amphiphilic graft copolymer synthesized by ATNRC and SET-ATNRC reaction. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2084-2097.	2.5	37
87	Preparation of dual layers N-doped Carbon@Mesoporous Carbon@Fe <sub>3</sub> O <sub>4</sub> nanoparticle superlattice and its application in lithium-ion battery. <i>Journal of Alloys and Compounds</i> , 2019, 775, 776-783.	2.8	36
88	Synthesis of well-defined pH-responsive PPEGMEA- <i>g</i> -P2VP double hydrophilic graft copolymer via sequential SET-LRP and ATRP. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4055-4064.	2.5	35
89	Dispersion copolymerization of styrene and other vinyl monomers in polar solvents. <i>Journal of Polymer Science Part A</i> , 2001, 39, 555-561.	2.5	34
90	Synthesis and characterization of pH-responsive single-walled carbon nanotubes with a large number of carboxy groups. <i>Carbon</i> , 2006, 44, 3161-3167.	5.4	34

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91	Covalent polymeric modification of graphene nanosheets via surface-initiated single-electron-transfer living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4977-4986.	2.5	34
92	Preparation of Copolymer Paclitaxel Covalently Linked via a Disulfide Bond and Its Application on Controlled Drug Delivery. <i>Journal of Physical Chemistry B</i> , 2012, 116, 9231-9237.	1.2	34
93	Native Ligand Carbonization Renders Common Platinum Nanoparticles Highly Durable for Electrocatalytic Oxygen Reduction: Annealing Temperature Matters. <i>Advanced Materials</i> , 2022, 34, e2202743.	11.1	34
94	Characterizing the surface properties of carbon nanotubes by inverse gas chromatography. <i>Journal of Materials Science</i> , 2007, 42, 7069-7075.	1.7	33
95	Well-defined amphiphilic graft copolymer consisting of hydrophilic poly(acrylic acid) backbone and hydrophobic poly(vinyl acetate) side chains. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6032-6043.	2.5	33
96	Convenient synthesis of thermo-responsive PBA- <i>g</i> -PEGMEMEMA well-defined amphiphilic graft copolymer without polymeric functional group transformation. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3328-3337.	2.5	33
97	Curcumin ameliorated ventilator-induced lung injury in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 754-761.	2.5	32
98	Carbon-coated MnFe <sub>2</sub> O <sub>4</sub> nanoparticle hollow microspheres as high-performance anode for lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 246, 43-50.	2.6	31
99	Ionic liquid assist to prepare Si@N-doped carbon nanoparticles and its high performance in lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2017, 691, 178-184.	2.8	31
100	Polymer-paclitaxel conjugates based on disulfide linkers for controlled drug release. <i>RSC Advances</i> , 2015, 5, 7559-7566.	1.7	30
101	Three-dimensionally ordered, ultrathin graphitic-carbon frameworks with cage-like mesoporosity for highly stable Li-S batteries. <i>Nano Research</i> , 2017, 10, 2495-2507.	5.8	30
102	Stable lithium-sulfur full cells enabled by dual functional and interconnected mesocarbon arrays. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3289-3297.	5.2	29
103	2D FeP Nanoframe Superlattices via Space-Confining Topochemical Transformation. <i>Advanced Materials</i> , 2022, 34, e2109145.	11.1	29
104	High performance lithium-sulfur batteries by facilely coating a conductive carbon nanotube or graphene layer. <i>Chinese Chemical Letters</i> , 2018, 29, 1777-1780.	4.8	28
105	PTPFCBBMA-b-PEG-b-PTPFCBBMA amphiphilic triblock copolymer: Synthesis and self-assembly behavior. <i>Polymer</i> , 2009, 50, 2341-2348.	1.8	26
106	Preparation of water-soluble multi-walled carbon nanotubes by Ce(IV)-induced redox radical polymerization. <i>Progress in Natural Science: Materials International</i> , 2009, 19, 991-996.	1.8	25
107	Designed synthesis of ordered mesoporous graphene spheres from colloidal nanocrystals and their application as a platform for high-performance lithium-ion battery composite electrodes. <i>Nano Research</i> , 2016, 9, 3757-3771.	5.8	25
108	Facile electrostatic assembly of Si@MXene superstructures for enhanced lithium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 68-76.	5.0	24

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109	Roles of CC chemokine receptors (CCRs) on lipopolysaccharide-induced acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2010, 170, 253-259.	0.7	23
110	Preparation of poly(p-styrenesulfonic acid) grafted multi-walled carbon nanotubes and their application as a solid-acid catalyst. <i>Materials Chemistry and Physics</i> , 2011, 126, 310-313.	2.0	23
111	PEG- <i>b</i> -PBA- <i>b</i> -PHEMA well-defined amphiphilic triblock copolymer: Synthesis, self-assembly, and application in drug delivery. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4579-4588.	2.5	23
112	Free-Standing, Ordered Mesoporous Few-Layer Graphene Framework Films Derived from Nanocrystal Superlattices Self-Assembled at the Solid or Liquid-Air Interface. <i>Chemistry of Materials</i> , 2016, 28, 3823-3830.	3.2	23
113	Recovery from acute lung injury can be regulated via modulation of regulatory T cells and Th17 cells. <i>Scandinavian Journal of Immunology</i> , 2018, 88, e12715.	1.3	23
114	Acute respiratory response to individual particle exposure (PM1.0, PM2.5 and PM10) in the elderly with and without chronic respiratory diseases. <i>Environmental Pollution</i> , 2021, 271, 116329.	3.7	23
115	Modular super-assembly of hierarchical superstructures from monomicelle building blocks. <i>Science Advances</i> , 2022, 8, eabo0283.	4.7	23
116	Preparation of amphiphilic copolymers for covalent loading of paclitaxel for drug delivery system. <i>Journal of Polymer Science Part A</i> , 2014, 52, 366-374.	2.5	21
117	Bone cement based on vancomycin loaded mesoporous silica nanoparticle and calcium sulfate composites. <i>Materials Science and Engineering C</i> , 2015, 49, 210-216.	3.8	21
118	Exploiting oleic acid to prepare two-dimensional assembly of Si@graphitic carbon yolk-shell nanoparticles for lithium-ion battery anodes. <i>Nano Research</i> , 2019, 12, 631-636.	5.8	21
119	An n-Type Benzobisthiadiazole-Based Covalent Organic Framework with Narrowed Bandgap and Enhanced Electroactivity. <i>Chemistry of Materials</i> , 2021, 33, 3566-3574.	3.2	21
120	Characterization and photoconductivity study of well-defined C60 terminated poly(tert-butyl) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 302	2.0	20
121	Shape-controlled synthesis of $\text{In}_2\text{S}_3$ nanocrystals and their lithium storage properties. <i>CrystEngComm</i> , 2016, 18, 250-256.	1.3	20
122	Fe, N, S-codoped carbon frameworks derived from nanocrystal superlattices towards enhanced oxygen reduction activity. <i>Nano Convergence</i> , 2019, 6, 4.	6.3	20
123	<i>In situ</i> confined-synthesis of mesoporous $\text{FeS}_2$ @C superparticles and their enhanced sodium-ion storage properties. <i>Chemical Communications</i> , 2019, 55, 1229-1232.	2.2	20
124	A novel well-defined amphiphilic diblock copolymer containing perfluorocyclobutyl aryl ether-based hydrophobic segment. <i>Polymer</i> , 2010, 51, 1752-1760.	1.8	19
125	Poly(styrene sulfonic acid)-grafted carbon nanotube as a stable protonic acid catalyst. <i>Catalysis Communications</i> , 2010, 12, 217-221.	1.6	19
126	Thermal and pH Dual Responsive Copolymer and Silver Nanoparticle Composite for Catalytic Application. <i>Chinese Journal of Chemistry</i> , 2015, 33, 467-472.	2.6	19



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127	Construction of polymer-paclitaxel conjugate linked via a disulfide bond. <i>Materials Science and Engineering C</i> , 2016, 58, 580-585.	3.8	19
128	Gelation-Assisted Assembly of Large-Area, Highly Aligned, and Environmentally Stable MXene Films with an Excellent Trade-Off between Mechanical and Electrical Properties. <i>Small</i> , 2022, 18, e2200829.	5.2	18
129	Stabilization of Battery Electrode/Electrolyte Interfaces Employing Nanocrystals with Passivating Epitaxial Shells. <i>Chemistry of Materials</i> , 2015, 27, 394-399.	3.2	17
130	Cluster-mediated assembly enables step-growth copolymerization from binary nanoparticle mixtures with rationally designed architectures. <i>Chemical Science</i> , 2018, 9, 3986-3991.	3.7	16
131	A novel perfluorocyclobutyl aryl ether-based graft copolymer via 2-methyl-1,4-bistrifluorovinylbenzene and styrene. <i>Polymer</i> , 2010, 51, 5198-5206.	1.8	15
132	A novel fluorine-containing graft copolymer bearing perfluorocyclobutyl aryl ether-based backbone and poly(methyl methacrylate) side chains. <i>Journal of Polymer Science Part A</i> , 2011, 49, 11-22.	2.5	15
133	Peroxiredoxin 6 suppresses Muc5ac overproduction in LPS-induced airway inflammation through H2O2-EGFR-MAPK signaling pathway. <i>Respiratory Physiology and Neurobiology</i> , 2017, 236, 84-90.	0.7	15
134	A molecular-based approach for the direct synthesis of highly-ordered, homogeneously-doped mesoporous carbon frameworks. <i>Carbon</i> , 2018, 140, 265-275.	5.4	15
135	Generalized assembly of sandwich-like OD/2D/OD heterostructures with highly exposed surfaces toward superior electrochemical performances. <i>Nano Research</i> , 2022, 15, 255-263.	5.8	14
136	Phase-transfer-assisted confined growth of mesoporous MoS <sub>2</sub> @graphene van der Waals supraparticles for unprecedented ultrahigh-rate sodium storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10714-10721.	5.2	14
137	An efficient way to tune grafting density of well-defined copolymers via an unusual Br-containing acrylate monomer. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2622-2630.	2.5	13
138	Polymerizable disulfide paclitaxel prodrug for controlled drug delivery. <i>Materials Science and Engineering C</i> , 2014, 44, 386-390.	3.8	13
139	Molecular Ligand-Mediated Assembly of Multicomponent Nanosheet Superlattices for Compact Capacitive Energy Storage. <i>Angewandte Chemie</i> , 2020, 132, 20809-20816.	1.6	13
140	All-Graphitic Multilaminate Mesoporous Membranes by Interlayer-Confined Molecular Assembly. <i>Small</i> , 2021, 17, e2101173.	5.2	13
141	Evolution process of polymethacrylate hydrogels investigated by rheological and dynamic light scattering techniques. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 353, 197-203.	2.3	12
142	Radical polymer grafted graphene for high-performance Li <sup>+</sup> /Na <sup>+</sup> organic cathodes. <i>Journal of Power Sources</i> , 2021, 511, 230363.	4.0	12
143	Factors leading to realignment or exchange after implantable collamer lens implantation in 10% eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2022, 48, 1190-1196.	0.7	12
144	PEG-g-poly(aspartamide-co-N,N-dimethylethylenediamino aspartamide): Synthesis, characterization and its application as a drug delivery system. <i>Progress in Natural Science: Materials International</i> , 2009, 19, 1305-1310.	1.8	11

#	ARTICLE	IF	CITATIONS
145	Impact of ablation ratio on 5-year postoperative posterior corneal stability after refractive surgery: SMILE and FS-LASIK. <i>Eye and Vision (London, England)</i> , 2020, 7, 53.	1.4	10
146	Exfoliation of large-flake, few-layer MoS <sub>2</sub> nanosheets mediated by carbon nanotubes. <i>Chemical Communications</i> , 2021, 57, 4400-4403.	2.2	10
147	Multi-chambered, carbon-coated Ni <sub>0.4</sub> Fe <sub>2.6</sub> O <sub>4</sub> nanoparticle superlattice microspheres for boosting water oxidation reaction. <i>Aggregate</i> , 2021, 2, e17.	5.2	10
148	Single Copolymer Chain-Templated Synthesis of Ultrasmall Symmetric and Asymmetric Silica-Based Nanoparticles. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	10
149	Centimeter-Scale Superlattices of Three-Dimensionally Orientated Plasmonic Dimers with Highly Tunable Collective Properties. <i>ACS Nano</i> , 2022, 16, 4609-4618.	7.3	10
150	A universal, green, and self-reliant electrolytic approach to high-entropy layered (oxy)hydroxide nanosheets for efficient electrocatalytic water oxidation. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 500-510.	5.0	10
151	Chinese expert consensus on diagnosis and management of severe asthma. <i>Journal of Thoracic Disease</i> , 2018, 10, 7020-7044.	0.6	9
152	Size-dependent ligand exchange of colloidal CdSe nanocrystals with S <sup>2-</sup> ions. <i>RSC Advances</i> , 2015, 5, 90570-90577.	1.7	8
153	Self-assembled Fe <sub>3</sub> O <sub>4</sub> nanoparticle-doped TiO <sub>2</sub> nanorod superparticles with highly enhanced lithium storage properties. <i>Sustainable Energy and Fuels</i> , 2018, 2, 616-625.	2.5	8
154	Development and validation of nomogram estimating post-surgery hospital stay of lung cancer patients: relevance for predictive, preventive, and personalized healthcare strategies. <i>EPMA Journal</i> , 2019, 10, 173-183.	3.3	7
155	Chinese expert consensus-based guideline on assessment and management of asthma exacerbation. <i>Journal of Thoracic Disease</i> , 2019, 11, 4918-4935.	0.6	7
156	Bridge time series and complex networks with a frequency-degree mapping algorithm. , 2012, , .		6
157	Chinese consensus statement on standard procedure and perioperative management of bronchial thermoplasty. <i>Journal of Thoracic Disease</i> , 2017, 9, 5507-5514.	0.6	6
158	Thirty-month results after the treatment of post-LASIK ectasia with allogenic lenticule addition and corneal cross-linking: a case report. <i>BMC Ophthalmology</i> , 2018, 18, 294.	0.6	6
159	Prevalence of and risk factors for presenting initial respiratory symptoms in patients undergoing surgery for lung cancer. <i>Journal of Cancer</i> , 2018, 9, 3515-3521.	1.2	6
160	Fine-Tuning the Wall Thickness of Ordered Mesoporous Graphene by Exploiting Ligand Exchange of Colloidal Nanocrystals. <i>Frontiers in Chemistry</i> , 2017, 5, 117.	1.8	5
161	Insulin in high concentration recede cigarette smoke extract induced cellular senescence of airway epithelial cell through autophagy pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 498-505.	1.0	5
162	Confinement Assembly in Polymeric Micelles Enables Nanoparticle Superstructures with Tunable Molecular-Like Geometries. <i>Small Methods</i> , 2022, , 2200014.	4.6	5

#	ARTICLE	IF	CITATIONS
163	Late-onset diffuse lamellar keratitis 4 years after femtosecond laser-assisted small incision lenticule extraction: a case report. <i>BMC Ophthalmology</i> , 2017, 17, 244.	0.6	4
164	Low Eosinophil Phenotype Predicts Noninvasive Mechanical Ventilation Use in Patients with Hospitalized Exacerbations of COPD. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 1259-1271.	1.6	4
165	Doped nanocrystal superlattices. <i>Science Bulletin</i> , 2015, 60, 1964-1965.	4.3	3
166	Status of coexisting chronic obstructive pulmonary disease and its clinicopathological features in patients undergoing lung cancer surgery: a cross-sectional study of 3,006 cases. <i>Journal of Thoracic Disease</i> , 2018, 10, 2403-2411.	0.6	3
167	Circular assembly of colloidal nanoparticles at the liquid-air interface mediated by block copolymers. <i>Nanoscale</i> , 2018, 10, 11196-11204.	2.8	3
168	Particulate matter exposure promotes <i>Pseudomonas aeruginosa</i> invasion into airway epithelia by upregulating PAFR via the ROS-mediated PI3K pathway. <i>Human Cell</i> , 2020, 33, 963-973.	1.2	3
169	Screening for Stereopsis Using an Eye-Tracking Glasses-Free Display in Adults: A Pilot Study. <i>Frontiers in Medicine</i> , 2021, 8, 814908.	1.2	3
170	Hard-templated engineering of versatile 2D amorphous metal oxide nanosheets. <i>Nanotechnology</i> , 2022, 33, 245602.	1.3	3
171	Al <sub>2</sub> O <sub>3</sub> Coated, Single Crystal Zr/Y co-Doped High-Ni NCM Cathode Materials for High Performance Lithium-Ion Batteries. <i>Particle and Particle Systems Characterization</i> , 0, , 2200061.	1.2	3
172	Mismatched ligand density enables ordered assembly of mixed-dimensional, cross-species materials. <i>Science Advances</i> , 2022, 8, .	4.7	3
173	PAA-g-PVAc Amphiphilic Graft Copolymer Synthesized by Atom Transfer Radical Polymerization. <i>Chinese Journal of Chemistry</i> , 2009, 27, 2273-2278.	2.6	2
174	Preparation of biocompatible multi-walled carbon nanotubes as potential tracers for sentinel lymph nodes. <i>Polymer International</i> , 2010, 59, 169-174.	1.6	2
175	Analysis of PBase Binding Profile Indicates an Insertion Target Selection Mechanism Dependent on TTA, But Not Transcriptional Activity. <i>International Journal of Biological Sciences</i> , 2016, 12, 1074-1082.	2.6	2
176	Photovoltaic Devices: Fullerene Polymer Complex Inducing Dipole Electric Field for Stable Perovskite Solar Cells ( <i>Adv. Funct. Mater.</i> 12/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970078.	7.8	2
177	A novel strategy for boosting the photoluminescence quantum efficiency of CdSe nanocrystals at room temperature. <i>Chinese Chemical Letters</i> , 2020, 31, 295-298.	4.8	2
178	Self-assembled mesostructured Co <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> nanoparticle superstructures for highly efficient oxygen evolution. <i>Journal of Colloid and Interface Science</i> , 2021, 593, 125-132.	5.0	2
179	Disulfide Cross-Linked Amphiphilic Copolymers Loading Doxorubicin for Controlled Drug Delivery. <i>Science of Advanced Materials</i> , 2015, 7, 855-860.	0.1	2
180	Preparation of Polystyrene Functionalized Graphene by Atom Transfer Nitroxide Radical Coupling Reaction. <i>Acta Chimica Sinica</i> , 2012, 70, 817.	0.5	2

#	ARTICLE	IF	CITATIONS
181	Synthesis and Self-assembly of Poly(ethylene oxide)- <i>b</i> -poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (acid)- <i>l</i> Organic Chemistry, 2012, 32, 2166.	0.6	2
182	Feasibility of lattice radiotherapy using proton and carbon-ion pencil beam for sinonasal malignancy. Annals of Translational Medicine, 2022, 10, 467-467.	0.7	2
183	Gelation-Assisted Assembly of Large-Area, Highly Aligned, and Environmentally Stable MXene Films with an Excellent Trade-Off between Mechanical and Electrical Properties (Small 21/2022). Small, 2022, 18, .	5.2	2
184	Mesoporous Carbon as Conductive Additive to Improve the High-Rate Charge/Discharge Capacity of Lithium-Ion Batteries. Energy Technology, 2022, 10, .	1.8	2
185	Assembly of CoFe <sub>2</sub> O <sub>4</sub> Nanocrystals into Superparticles with Tunable Porosities for Use as Anode Materials for Lithium-Ion Batteries. ACS Applied Nano Materials, 2022, 5, 9698-9705.	2.4	2
186	Preparation of Graphene/Poly( <i>N,N</i> -dimethylacrylamide) Nanocomposite via Cu-Catalyzed Single-Electron Transfer Living Radical Polymerization. Chinese Journal of Organic Chemistry, 2014, 34, 1382.	0.6	1
187	Highly Ordered Mesoporous Few-Layer Graphene Frameworks Enabled by Fe <sub>3</sub> O <sub>4</sub> Nanocrystal Superlattices (Angew. Chem. 19/2015). Angewandte Chemie, 2015, 127, 5888-5888.	1.6	0
188	Synthesis of silica-stabilized Ag <sub>44</sub> clusters aided by a designed mercaptosilane ligand. Chemical Communications, 0, , .	2.2	0