

# Dong Yang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/730633/dong-yang-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

182  
papers

8,581  
citations

50  
h-index

87  
g-index

197  
ext. papers

9,766  
ext. citations

8.7  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
182	Binary nanocrystal superlattice membranes self-assembled at the liquid-air interface. <i>Nature</i> , <b>2010</b> , 466, 474-7	50.4	661
181	A generalized ligand-exchange strategy enabling sequential surface functionalization of colloidal nanocrystals. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 998-1006	16.4	631
180	Well-defined graft copolymers: from controlled synthesis to multipurpose applications. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 1282-95	58.5	309
179	Preparation of pH-Responsive Mesoporous Silica Nanoparticles and Their Application in Controlled Drug Delivery. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 9926-9932	3.8	258
178	General synthesis of mesoporous spheres of metal oxides and phosphates. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 4976-7	16.4	225
177	Generalized colloidal synthesis of high-quality, two-dimensional cesium lead halide perovskite nanosheets and their applications in photodetectors. <i>Nanoscale</i> , <b>2016</b> , 8, 13589-96	7.7	215
176	Quasi-Two-Dimensional Halide Perovskite Single Crystal Photodetector. <i>ACS Nano</i> , <b>2018</b> , 12, 4919-4929	16.7	178
175	Two-dimensional binary and ternary nanocrystal superlattices: the case of monolayers and bilayers. <i>Nano Letters</i> , <b>2011</b> , 11, 1804-9	11.5	144
174	Controlled Synthesis of Magnetite/Silica Nanocomposites via a Seeded Sol-Gel Approach. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 7646-7651	3.8	141
173	Hollow Zeolite Capsules: A Novel Approach for Fabrication and Guest Encapsulation. <i>Chemistry of Materials</i> , <b>2002</b> , 14, 3217-3219	9.6	136
172	Simple-Cubic Carbon Frameworks with Atomically Dispersed Iron Dopants toward High-Efficiency Oxygen Reduction. <i>Nano Letters</i> , <b>2017</b> , 17, 2003-2009	11.5	134
171	Magnetic functionalised carbon nanotubes as drug vehicles for cancer lymph node metastasis treatment. <i>European Journal of Cancer</i> , <b>2011</b> , 47, 1873-82	7.5	131
170	Yb- and Mn-Doped Lead-Free Double Perovskite CsAgBiX (X = Cl, Br) Nanocrystals. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 16855-16863	9.5	125
169	Collective dipolar interactions in self-assembled magnetic binary nanocrystal superlattice membranes. <i>Nano Letters</i> , <b>2010</b> , 10, 5103-8	11.5	125
168	Hydrophilic multi-walled carbon nanotubes decorated with magnetite nanoparticles as lymphatic targeted drug delivery vehicles. <i>Chemical Communications</i> , <b>2009</b> , 4447-9	5.8	125
167	A nitrogen-doped ordered mesoporous carbon/graphene framework as bifunctional electrocatalyst for oxygen reduction and evolution reactions. <i>Nano Energy</i> , <b>2016</b> , 30, 503-510	17.1	119
166	Solution-Liquid-Solid Synthesis, Properties, and Applications of One-Dimensional Colloidal Semiconductor Nanorods and Nanowires. <i>Chemical Reviews</i> , <b>2016</b> , 116, 10888-933	68.1	119

165	Fabrication of three-dimensionally interconnected nanoparticle superlattices and their lithium-ion storage properties. <i>Nature Communications</i> , <b>2015</b> , 6, 6420	17.4	115
164	Preparation, characterization and application of magnetic silica nanoparticle functionalized multi-walled carbon nanotubes. <i>Chemical Communications</i> , <b>2005</b> , 5548-50	5.8	98
163	Zeolitization of diatomite to prepare hierarchical porous zeolite materials through a vapor-phase transport process. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 1812-1818		98
162	Quasicrystalline nanocrystal superlattice with partial matching rules. <i>Nature Materials</i> , <b>2017</b> , 16, 214-219	27	96
161	A One-Dimensional Organic Lead Chloride Hybrid with Excitation-Dependent Broadband Emissions. <i>ACS Energy Letters</i> , <b>2018</b> , 3, 1443-1449	20.1	92
160	Urban particulate matter triggers lung inflammation via the ROS-MAPK-NF- $\kappa$ B signaling pathway. <i>Journal of Thoracic Disease</i> , <b>2017</b> , 9, 4398-4412	2.6	91
159	Spontaneous exfoliation and tailoring of MoS <sub>2</sub> in mixed solvents. <i>Chemical Communications</i> , <b>2014</b> , 50, 15936-9	5.8	91
158	PAA-g-PPO Amphiphilic Graft Copolymer: Synthesis and Diverse Micellar Morphologies. <i>Macromolecules</i> , <b>2010</b> , 43, 262-270	5.5	90
157	Electronically coupled nanocrystal superlattice films by in situ ligand exchange at the liquid-air interface. <i>ACS Nano</i> , <b>2013</b> , 7, 10978-84	16.7	89
156	COVID-19-associated gastrointestinal and liver injury: clinical features and potential mechanisms. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 256	21	88
155	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> , <b>2015</b> , 54, 5727-31	16.4	86
154	Tubular Monolayer Superlattices of Hollow MnO Nanocrystals and Their Oxygen Reduction Activity. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12133-12136	16.4	86
153	Nuclear-Targeted Multifunctional Magnetic Nanoparticles for Photothermal Therapy. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1601289	10.1	82
152	Convenient Synthesis of PtBA-g-PMA Well-Defined Graft Copolymer with Tunable Grafting Density. <i>Macromolecules</i> , <b>2010</b> , 43, 117-125	5.5	82
151	Hydrothermal treatment to prepare hydroxyl group modified multi-walled carbon nanotubes. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 350-354		82
150	Synthesis of well-defined amphiphilic graft copolymer bearing poly(2-acryloyloxyethyl ferrocenecarboxylate) side chains via successive SET-LRP and ATRP. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 4346-4357	2.5	75
149	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> , <b>2009</b> , 339, 232-239	5.1	75
148	Multiscale periodic assembly of striped nanocrystal superlattice films on a liquid surface. <i>Nano Letters</i> , <b>2011</b> , 11, 841-6	11.5	73

147	Self-Assembly of One-Dimensional Nanocrystal Superlattice Chains Mediated by Molecular Clusters. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 3290-3	16.4	73
146	Tailoring the Assembly of Iron Nanoparticles in Carbon Microspheres toward High-Performance Electrocatalytic Denitrification. <i>Nano Letters</i> , <b>2019</b> , 19, 5423-5430	11.5	72
145	Thermoresponsive graphene oxide-PNIPAM nanocomposites with controllable grafting polymer chains via moderate in situ SET-IRP. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 4451-4458	2.5	69
144	Synthesis of Platinum Nanoparticles Supported on Poly(acrylic acid) Grafted MWNTs and Their Hydrogenation of Citral. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 2291-2297	9.6	67
143	Elaborately Designed Micro/Mesoporous Graphitic Carbon Spheres as Efficient Polysulfide Reservoir for Lithium-Sulfur Batteries. <i>ACS Energy Letters</i> , <b>2017</b> , 2, 1105-1114	20.1	65
142	Bowl-like 3C-SiC Nanoshells Encapsulated in Hollow Graphitic Carbon Spheres for High-Rate Lithium-Ion Batteries. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 1179-1186	9.6	62
141	Design of controlled drug delivery system based on disulfide cleavage trigger. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 12311-7	3.4	62
140	Novel Fe <sub>3</sub> O <sub>4</sub> -CNTs nanocomposite for Li-ion batteries with enhanced electrochemical performance. <i>Electrochimica Acta</i> , <b>2014</b> , 144, 235-242	6.7	59
139	PMHDO-g-PEG Double-Bond-Based Amphiphilic Graft Copolymer: Synthesis and Diverse Self-Assembled Nanostructures. <i>Macromolecules</i> , <b>2009</b> , 42, 4249-4256	5.5	57
138	Grafting Polymer Brushes on Single-Walled Carbon Nanotubes by in-Situ Free Radical Polymerization in a Poor Solvent. <i>Macromolecules</i> , <b>2006</b> , 39, 9035-9040	5.5	57
137	Superhydrophobic graphene-based materials: surface construction and functional applications. <i>Advanced Materials</i> , <b>2013</b> , 25, 5352-9	24	56
136	Nanocrystal supracrystal-derived atomically dispersed Mn-Fe catalysts with enhanced oxygen reduction activity. <i>Nano Energy</i> , <b>2019</b> , 63, 103851	17.1	55
135	Scalable Assembly of Crystalline Binary Nanocrystal Superparticles and Their Enhanced Magnetic and Electrochemical Properties. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 15038-15047	16.4	55
134	Hierarchically structured graphene-based supercapacitor electrodes. <i>RSC Advances</i> , <b>2013</b> , 3, 21183	3.7	51
133	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> , <b>2016</b> , 105, 273-280	4.2	50
132	Immobilization of trypsin on graphene oxide for microwave-assisted on-plate proteolysis combined with MALDI-MS analysis. <i>Analyst</i> , <b>2012</b> , 137, 2757-61	5	50
131	Thermoresponsive PPEGMEA-g-PPEGEEMA well-defined double hydrophilic graft copolymer synthesized by successive SET-LRP and ATRP. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 647-655	2.5	50
130	Designing Champion Nanostructures of Tungsten Dichalcogenides for Electrocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002584	24	48

129	Deletion of peroxiredoxin 6 potentiates lipopolysaccharide-induced acute lung injury in mice. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 756-64	1.4	48
128	Pilot study of targeting magnetic carbon nanotubes to lymph nodes. <i>Nanomedicine</i> , <b>2009</b> , 4, 317-30	5.6	48
127	Mechanistic study of the covalent loading of paclitaxel via disulfide linkers for controlled drug release. <i>Langmuir</i> , <b>2013</b> , 29, 734-43	4	46
126	Synthesis of well-defined PNIPAM-b-(PEA-g-P2VP) double hydrophilic graft copolymer via sequential SET-LRP and ATRP and its [Schizophrenic]Micellization behavior in aqueous media. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 15-23	2.5	46
125	Successive SET-LRP and ATRP synthesis of ferrocene-based PPEGMEA-g-PAEFC well-defined amphiphilic graft copolymer. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 811-820	2.5	45
124	Enhanced thermal stability and magnetic properties in NaCl-type FePt-MnO binary nanocrystal superlattices. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 13296-9	16.4	45
123	Stimuli-Responsive Polymer Covalent Functionalization of Graphene Oxide by Ce(IV)-Induced Redox Polymerization. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 24636-24641	3.8	44
122	Neutrophil-to-lymphocyte ratio as a prognostic marker in acute respiratory distress syndrome patients: a retrospective study. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, 273-282	2.6	43
121	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> , <b>2016</b> , 222, 1371-1377	6.7	41
120	Nitroxide radical coupling reaction: a powerful tool in polymer and material synthesis. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2384	4.9	40
119	PPEGMEA-g-PDEAEMA: Double hydrophilic double-grafted copolymer stimuli-responsive to both pH and salinity. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 3142-3153	2.5	38
118	An affordable manufacturing method to boost the initial Coulombic efficiency of disproportionated SiO lithium-ion battery anodes. <i>Journal of Power Sources</i> , <b>2019</b> , 426, 116-123	8.9	36
117	Mental health status and related influencing factors of COVID-19 survivors in Wuhan, China. <i>Clinical and Translational Medicine</i> , <b>2020</b> , 10, e52	5.7	36
116	Star-like PAA-g-PPO well-defined amphiphilic graft copolymer synthesized by ATNRC and SET-NRC reaction. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 2084-2097	2.5	36
115	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> , <b>2016</b> , 190, 797-803	6.7	35
114	Size-controllable gold nanoparticles stabilized by PDEAEMA-based double hydrophilic graft copolymer. <i>Polymer</i> , <b>2009</b> , 50, 3990-3996	3.9	35
113	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> , <b>2020</b> , 397, 122766	12.8	35
112	Synthesis of well-defined pH-responsive PPEGMEA-g-P2VP double hydrophilic graft copolymer via sequential SET-LRP and ATRP. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 4055-4064	2.5	33

111	Covalent polymeric modification of graphene nanosheets via surface-initiated single-electron-transfer living radical polymerization. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 4977-4986	3.5	33
110	Synthesis and characterization of pH-responsive single-walled carbon nanotubes with a large number of carboxy groups. <i>Carbon</i> , <b>2006</b> , 44, 3161-3167	10.4	33
109	Cisplatin and doxorubicin dual-loaded mesoporous silica nanoparticles for controlled drug delivery. <i>RSC Advances</i> , <b>2016</b> , 6, 94160-94169	3.7	33
108	Synthesis of ultrasmall CsPbBr nanoclusters and their transformation to highly deep-blue-emitting nanoribbons at room temperature. <i>Nanoscale</i> , <b>2017</b> , 9, 17248-17253	7.7	32
107	Reduction-responsive drug delivery based on mesoporous silica nanoparticle core with crosslinked poly(acrylic acid) shell. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 3426-31	8.3	32
106	Convenient synthesis of thermo-responsive PtBA-g-PPEGMEMA well-defined amphiphilic graft copolymer without polymeric functional group transformation. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 3328-3337	2.5	32
105	Dispersion copolymerization of styrene and other vinyl monomers in polar solvents. <i>Journal of Polymer Science Part A</i> , <b>2001</b> , 39, 555-561	2.5	32
104	Preparation of copolymer paclitaxel covalently linked via a disulfide bond and its application on controlled drug delivery. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 9231-7	3.4	31
103	Decorating multi-walled carbon nanotubes with nickel nanoparticles for selective hydrogenation of citral. <i>Journal of Solid State Chemistry</i> , <b>2009</b> , 182, 2279-2284	3.3	31
102	Self-assembly of transition-metal-oxide nanoparticle supraparticles with designed architectures and their enhanced lithium storage properties. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 16128-16135	13	31
101	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> , <b>2019</b> , 12, 1121-1127	10	30
100	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> , <b>2009</b> , 47, 6032-6043	2.5	30
99	Pomegranate-like, carbon-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticle superparticles for high-performance lithium storage. <i>Energy Storage Materials</i> , <b>2018</b> , 10, 32-39	19.4	30
98	Characterizing the surface properties of carbon nanotubes by inverse gas chromatography. <i>Journal of Materials Science</i> , <b>2007</b> , 42, 7069-7075	4.3	29
97	Five-year results of small incision lenticule extraction (SMILE) and femtosecond laser LASIK (FS-LASIK) for myopia. <i>Acta Ophthalmologica</i> , <b>2019</b> , 97, e373-e380	3.7	29
96	Fullerene Polymer Complex Inducing Dipole Electric Field for Stable Perovskite Solar Cells. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1804419	15.6	28
95	Three-dimensionally ordered, ultrathin graphitic-carbon frameworks with cage-like mesoporosity for highly stable Li-S batteries. <i>Nano Research</i> , <b>2017</b> , 10, 2495-2507	10	27
94	Self-Assembled Nanoparticle Supertubes as Robust Platform for Revealing Long-Term, Multiscale Lithiation Evolution. <i>Matter</i> , <b>2019</b> , 1, 976-987	12.7	26

93	Highly Ordered Mesoporous Few-Layer Graphene Frameworks Enabled by Fe <sub>3</sub> O <sub>4</sub> Nanocrystal Superlattices. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5819-5823	3.6	26
92	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> , <b>2019</b> , 775, 776-783	5.7	26
91	Preparation of water-soluble multi-walled carbon nanotubes by Ce(IV)-induced redox radical polymerization. <i>Progress in Natural Science: Materials International</i> , <b>2009</b> , 19, 991-996	3.6	25
90	Polymer-paclitaxel conjugates based on disulfide linkers for controlled drug release. <i>RSC Advances</i> , <b>2015</b> , 5, 7559-7566	3.7	24
89	PTPFCBBMA-b-PEG-b-PTPFCBBMA amphiphilic triblock copolymer: Synthesis and self-assembly behavior. <i>Polymer</i> , <b>2009</b> , 50, 2341-2348	3.9	24
88	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> , <b>2018</b> , 10, 5086-5099	2.6	24
87	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> , <b>2017</b> , 691, 178-184	5.7	23
86	Molecular Ligand-Mediated Assembly of Multicomponent Nanosheet Superlattices for Compact Capacitive Energy Storage. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 20628-20635	16.4	23
85	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> , <b>2017</b> , 246, 43-50	6.7	22
84	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> , <b>2016</b> , 9, 3757-3771	10	22
83	PEG-b-PtBA-b-PHEMA well-defined amphiphilic triblock copolymer: Synthesis, self-assembly, and application in drug delivery. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 4579-4588	2.5	22
82	Stable lithium-sulfur full cells enabled by dual functional and interconnected mesocarbon arrays. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 3289-3297	13	20
81	Curcumin ameliorated ventilator-induced lung injury in rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 98, 754-761	7.5	20
80	Roles of CC chemokine receptors (CCRs) on lipopolysaccharide-induced acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , <b>2010</b> , 170, 253-9	2.8	20
79	A Multi-Scale Structural Engineering Strategy for High-Performance MXene Hydrogel Supercapacitor Electrode. <i>Advanced Science</i> , <b>2021</b> , 8, e2101664	13.6	20
78	A novel well-defined amphiphilic diblock copolymer containing perfluorocyclobutyl aryl ether-based hydrophobic segment. <i>Polymer</i> , <b>2010</b> , 51, 1752-1760	3.9	19
77	Bone cement based on vancomycin loaded mesoporous silica nanoparticle and calcium sulfate composites. <i>Materials Science and Engineering C</i> , <b>2015</b> , 49, 210-216	8.3	18
76	Free-Standing, Ordered Mesoporous Few-Layer Graphene Framework Films Derived from Nanocrystal Superlattices Self-Assembled at the Solid-Liquid-Air Interface. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 3823-3830	9.6	18

75	Construction of polymer-paclitaxel conjugate linked via a disulfide bond. <i>Materials Science and Engineering C</i> , <b>2016</b> , 58, 580-5	8.3	17
74	Thermal and pH Dual Responsive Copolymer and Silver Nanoparticle Composite for Catalytic Application. <i>Chinese Journal of Chemistry</i> , <b>2015</b> , 33, 467-472	4.9	17
73	Preparation of amphiphilic copolymers for covalent loading of paclitaxel for drug delivery system. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 366-374	2.5	17
72	Characterization and photoconductivity study of well-defined C60 terminated poly(tert-butyl acrylate-b-styrene). <i>Materials Chemistry and Physics</i> , <b>2004</b> , 87, 114-119	4.4	17
71	Shape-controlled synthesis of $\text{Fe}_2\text{S}_3$ nanocrystals and their lithium storage properties. <i>CrystEngComm</i> , <b>2016</b> , 18, 250-256	3.3	16
70	Stabilization of Battery Electrode/Electrolyte Interfaces Employing Nanocrystals with Passivating Epitaxial Shells. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 394-399	9.6	16
69	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> , <b>2011</b> , 126, 310-313	4.4	16
68	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> , <b>2011</b> , 49, 11-22	2.5	15
67	A novel perfluorocyclobutyl aryl ether-based graft copolymer via 2-methyl-1,4-bistrifluorovinylbenzene and styrene. <i>Polymer</i> , <b>2010</b> , 51, 5198-5206	3.9	15
66	Ultralow platinum loading proton exchange membrane fuel cells: Performance losses and solutions. <i>Journal of Power Sources</i> , <b>2021</b> , 490, 229515	8.9	14
65	Exploiting oleic acid to prepare two-dimensional assembly of Si@graphitic carbon yolk-shell nanoparticles for lithium-ion battery anodes. <i>Nano Research</i> , <b>2019</b> , 12, 631-636	10	14
64	Recovery from acute lung injury can be regulated via modulation of regulatory T cells and Th17 cells. <i>Scandinavian Journal of Immunology</i> , <b>2018</b> , 88, e12715	3.4	14
63	High performance lithium-sulfur batteries by facilely coating a conductive carbon nanotube or graphene layer. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 1777-1780	8.1	14
62	Fe, N, S-codoped carbon frameworks derived from nanocrystal superlattices towards enhanced oxygen reduction activity. <i>Nano Convergence</i> , <b>2019</b> , 6, 4	9.2	13
61	Poly(styrene sulfonic acid) grafted carbon nanotube as a stable protonic acid catalyst. <i>Catalysis Communications</i> , <b>2010</b> , 12, 217-221	3.2	13
60	In situ confined-synthesis of mesoporous FeS@C superparticles and their enhanced sodium-ion storage properties. <i>Chemical Communications</i> , <b>2019</b> , 55, 1229-1232	5.8	12
59	Facile electrostatic assembly of Si@MXene superstructures for enhanced lithium-ion storage. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 580, 68-76	9.3	12
58	Polymerizable disulfide paclitaxel prodrug for controlled drug delivery. <i>Materials Science and Engineering C</i> , <b>2014</b> , 44, 386-90	8.3	12



57	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> , <b>2010</b> , 48, 2622-2630	2.5	12
56	Cluster-mediated assembly enables step-growth copolymerization from binary nanoparticle mixtures with rationally designed architectures. <i>Chemical Science</i> , <b>2018</b> , 9, 3986-3991	9.4	11
55	A molecular-based approach for the direct synthesis of highly-ordered, homogeneously-doped mesoporous carbon frameworks. <i>Carbon</i> , <b>2018</b> , 140, 265-275	10.4	11
54	Peroxiredoxin 6 suppresses Muc5ac overproduction in LPS-induced airway inflammation through HO-EGFR-MAPK signaling pathway. <i>Respiratory Physiology and Neurobiology</i> , <b>2017</b> , 236, 84-90	2.8	10
53	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> , <b>2009</b> , 19, 1305-1310	3.6	9
52	Evolution process of polymethacrylate hydrogels investigated by rheological and dynamic light scattering techniques. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 353, 197-203	5.1	9
51	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> , <b>2018</b> , 2, 616-625	5.8	8
50	Hierarchically Porous Silica Membrane as Separator for High-Performance Lithium-Ion Batteries. <i>Advanced Materials</i> , <b>2021</b> , e2107957	24	8
49	Acute respiratory response to individual particle exposure (PM <sub>10</sub> , PM <sub>2.5</sub> and PM <sub>1</sub> ) in the elderly with and without chronic respiratory diseases. <i>Environmental Pollution</i> , <b>2021</b> , 271, 116329	9.3	7
48	Size-dependent ligand exchange of colloidal CdSe nanocrystals with S <sup>2-</sup> ions. <i>RSC Advances</i> , <b>2015</b> , 5, 90570-90577	3.7	6
47	Direct Probing of the Oxygen Evolution Reaction at Single NiFeO Nanocrystal Superparticles with Tunable Structures. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 16925-16929	16.4	6
46	An n-Type Benzobisthiadiazole-Based Covalent Organic Framework with Narrowed Bandgap and Enhanced Electroactivity. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 3566-3574	9.6	6
45	Chinese consensus statement on standard procedure and perioperative management of bronchial thermoplasty. <i>Journal of Thoracic Disease</i> , <b>2017</b> , 9, 5507-5514	2.6	5
44	Molecular Ligand-Mediated Assembly of Multicomponent Nanosheet Superlattices for Compact Capacitive Energy Storage. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 20809-20816	3.6	5
43	Chinese expert consensus-based guideline on assessment and management of asthma exacerbation. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, 4918-4935	2.6	5
42	Exfoliation of large-flake, few-layer MoS <sub>2</sub> nanosheets mediated by carbon nanotubes. <i>Chemical Communications</i> , <b>2021</b> , 57, 4400-4403	5.8	5
41	Chinese expert consensus on diagnosis and management of severe asthma. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, 7020-7044	2.6	5
40	Prevalence of and risk factors for presenting initial respiratory symptoms in patients undergoing surgery for lung cancer. <i>Journal of Cancer</i> , <b>2018</b> , 9, 3515-3521	4.5	5

39	Native ligand carbonization renders common platinum nanoparticles highly durable for electrocatalytic oxygen reduction: annealing temperature matters.. <i>Advanced Materials</i> , <b>2022</b> , e2202743 <sup>24</sup>		5
38	Modular super-assembly of hierarchical superstructures from monomicelle building blocks.. <i>Science Advances</i> , <b>2022</b> , 8, eabo0283	14.3	5
37	Late-onset diffuse lamellar keratitis 4 years after femtosecond laser-assisted small incision lenticule extraction: a case report. <i>BMC Ophthalmology</i> , <b>2017</b> , 17, 244	2.3	4
36	Fine-Tuning the Wall Thickness of Ordered Mesoporous Graphene by Exploiting Ligand Exchange of Colloidal Nanocrystals. <i>Frontiers in Chemistry</i> , <b>2017</b> , 5, 117	5	4
35	Two-dimensional FeP Nanoframe Superlattices via Space-Confined Topochemical Transformation.. <i>Advanced Materials</i> , <b>2022</b> , e2109145	24	4
34	All-Graphitic Multilaminate Mesoporous Membranes by Interlayer-Confined Molecular Assembly. <i>Small</i> , <b>2021</b> , 17, e2101173	11	4
33	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> , <b>2021</b> , 9, 10714-10721	13	4
32	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> , <b>2019</b> , 10, 173-183	8.8	3
31	Doped nanocrystal superlattices. <i>Science Bulletin</i> , <b>2015</b> , 60, 1964-1965	10.6	3
30	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> , <b>2021</b> , 2, e17	22.9	3
29	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> , <b>2018</b> , 10, 2403-2411	2.6	3
28	Radical polymer grafted graphene for high-performance Li <sup>+</sup> /Na <sup>+</sup> organic cathodes. <i>Journal of Power Sources</i> , <b>2021</b> , 511, 230363	8.9	3
27	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> , <b>2022</b> , e2200829	11	3
26	Bridge time series and complex networks with a frequency-degree mapping algorithm <b>2012</b> ,		2
25	PAA-g-PVAc Amphiphilic Graft Copolymer Synthesized by Atom Transfer Radical Polymerization. <i>Chinese Journal of Chemistry</i> , <b>2009</b> , 27, 2273-2278	4.9	2
24	Screening for Stereopsis Using an Eye-Tracking Glasses-Free Display in Adults: A Pilot Study.. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 814908	4.9	2
23	Single Copolymer Chain-Templated Synthesis of Ultrasmall Symmetric and Asymmetric Silica-Based Nanoparticles. <i>Advanced Functional Materials</i> , 2112742	15.6	2
22	Disulfide Cross-Linked Amphiphilic Copolymers Loading Doxorubicin for Controlled Drug Delivery. <i>Science of Advanced Materials</i> , <b>2015</b> , 7, 855-860	2.3	2

21	Preparation of Polystyrene Functionalized Graphene by Atom Transfer Nitroxide Radical Coupling Reaction. <i>Acta Chimica Sinica</i> , <b>2012</b> , 70, 817	3.3	2
20	Synthesis and Self-assembly of Poly(ethylene oxide)-b- poly(lactic acid)-b-poly(2-hydroxyethyl methacrylate) Amphiphilic Triblock Copolymer. <i>Chinese Journal of Organic Chemistry</i> , <b>2012</b> , 32, 2166	3	2
19	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> , <b>2020</b> , 33, 963-973	4.5	2
18	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> , <b>2019</b> , 509, 498-505	3.4	2
17	A novel strategy for boosting the photoluminescence quantum efficiency of CdSe nanocrystals at room temperature. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 295-298	8.1	2
16	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> , <b>2018</b> , 18, 294	2.3	2
15	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> , 2200061	3.1	2
14	Photovoltaic Devices: Fullerene Polymer Complex Inducing Dipole Electric Field for Stable Perovskite Solar Cells (Adv. Funct. Mater. 12/2019). <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1970078	15.6	1
13	Circular assembly of colloidal nanoparticles at the liquid-air interface mediated by block copolymers. <i>Nanoscale</i> , <b>2018</b> , 10, 11196-11204	7.7	1
12	Preparation of biocompatible multi-walled carbon nanotubes as potential tracers for sentinel lymph nodes. <i>Polymer International</i> , <b>2009</b> , 59, n/a-n/a	3.3	1
11	Confinement Assembly in Polymeric Micelles Enables Nanoparticle Superstructures with Tunable Molecular-Like Geometries.. <i>Small Methods</i> , <b>2022</b> , e2200014	12.8	1
10	Generalized assembly of sandwich-like 0D/2D/0D heterostructures with highly exposed surfaces toward superior electrochemical performances. <i>Nano Research</i> , <b>2022</b> , 15, 255	10	1
9	Analysis of PBase Binding Profile Indicates an Insertion Target Selection Mechanism Dependent on TTAA, But Not Transcriptional Activity. <i>International Journal of Biological Sciences</i> , <b>2016</b> , 12, 1074-82	11.2	1
8	Low Eosinophil Phenotype Predicts Noninvasive Mechanical Ventilation Use in Patients with Hospitalized Exacerbations of COPD.. <i>Journal of Inflammation Research</i> , <b>2022</b> , 15, 1259-1271	4.8	1
7	Hard-templated engineering of versatile 2D amorphous metal oxide nanosheets.. <i>Nanotechnology</i> , <b>2022</b> ,	3.4	1
6	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> , <b>2020</b> , 7, 53	4.9	0
5	Self-assembled mesostructured CoFeO nanoparticle superstructures for highly efficient oxygen evolution. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 593, 125-132	9.3	0
4	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> , <b>2022</b> , 617, 500-510	9.3	0

- 3 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, 2270107 11 0
- 2 Röntgenbild: 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 3.6
- 1 Feasibility of lattice radiotherapy using proton and carbon-ion pencil beam for sinonasal malignancy.. *Annals of Translational Medicine*, **2022**, 10, 467 3.2