

# Dong Yang

## List of Publications by Year in Descending Order

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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	Confinement Assembly in Polymeric Micelles Enables Nanoparticle Superstructures with Tunable Molecular-Like Geometries.. <i>Small Methods</i> , <b>2022</b> , e2200014	12.8	1
181	Two-dimensional FeP Nanoframe Superlattices via Space-Confined Topochemical Transformation.. <i>Advanced Materials</i> , <b>2022</b> , e2109145	24	4
180	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
179	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
178	Hard-templated engineering of versatile 2D amorphous metal oxide nanosheets.. <i>Nanotechnology</i> , <b>2022</b> ,	3.4	1
177	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
176	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
175	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
174	Feasibility of lattice radiotherapy using proton and carbon-ion pencil beam for sinonasal malignancy.. <i>Annals of Translational Medicine</i> , <b>2022</b> , 10, 467	3.2	
173	Modular super-assembly of hierarchical superstructures from monomicelle building blocks.. <i>Science Advances</i> , <b>2022</b> , 8, eabo0283	14.3	5
172	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). <i>Small</i> , <b>2022</b> , 18, 2270107	11	0
171	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
170	Hierarchically Porous Silica Membrane as Separator for High-Performance Lithium-Ion Batteries. <i>Advanced Materials</i> , <b>2021</b> , e2107957	24	8
169	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
168	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
167	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
166	All-Graphitic Multilaminar Mesoporous Membranes by Interlayer-Confined Molecular Assembly. <i>Small</i> , <b>2021</b> , 17, e2101173	11	4

165	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
164	Exfoliation of large-flake, few-layer MoS nanosheets mediated by carbon nanotubes. <i>Chemical Communications</i> , <b>2021</b> , 57, 4400-4403	5.8	5
163	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
162	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
161	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
160	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
159	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
158	Designing Champion Nanostructures of Tungsten Dichalcogenides for Electrocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002584	24	48
157	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
156	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
155	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
154	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
153	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
152	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
151	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
150	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
149	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
148	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

147	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
146	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
145	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
144	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
143	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
142	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
141	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
140	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
139	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
138	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
137	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
136	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
135	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
134	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
133	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
132	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
131	Quasi-Two-Dimensional Halide Perovskite Single Crystal Photodetector. <i>ACS Nano</i> , <b>2018</b> , 12, 4919-4929	16.7	178
130	Curcumin ameliorated ventilator-induced lung injury in rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 98, 754-761	7.5	20

129	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
128	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
127	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
126	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
125	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
124	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
123	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
122	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
121	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
120	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
119	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
118	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
117	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
116	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
115	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
114	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
113	Nuclear-Targeted Multifunctional Magnetic Nanoparticles for Photothermal Therapy. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1601289	10.1	82
112	Elaborately Designed MicroMesoporous Graphitic Carbon Spheres as Efficient Polysulfide Reservoir for LithiumSulfur Batteries. <i>ACS Energy Letters</i> , <b>2017</b> , 2, 1105-1114	20.1	65

111	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
110	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
109	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
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	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
106	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
105	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
104	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
103	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
102	Quasicrystalline nanocrystal superlattice with partial matching rules. <i>Nature Materials</i> , <b>2017</b> , 16, 214-219	27	96
101	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
100	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
99	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
98	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
97	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
96	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
95	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
94	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

93	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
92	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
91	Shape-controlled synthesis of In <sub>2</sub> S <sub>3</sub> nanocrystals and their lithium storage properties. <i>CrystEngComm</i> , <b>2016</b> , 18, 250-256	3.3	16
90	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
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	Polymer-paclitaxel conjugates based on disulfide linkers for controlled drug release. <i>RSC Advances</i> , <b>2015</b> , 5, 7559-7566	3.7	24
79	Rücktitelbild: Highly Ordered Mesoporous Few-Layer Graphene Frameworks Enabled by Fe <sub>3</sub> O <sub>4</sub> Nanocrystal Superlattices (Angew. Chem. 19/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5888-5888	3.6	
78	Doped nanocrystal superlattices. <i>Science Bulletin</i> , <b>2015</b> , 60, 1964-1965	10.6	3
77	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
76	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

75	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
74	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
73	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
72	Polymerizable disulfide paclitaxel prodrug for controlled drug delivery. <i>Materials Science and Engineering C</i> , <b>2014</b> , 44, 386-90	8.3	12
71	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
70	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
69	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
68	Superhydrophobic graphene-based materials: surface construction and functional applications. <i>Advanced Materials</i> , <b>2013</b> , 25, 5352-9	24	56
67	Hierarchically structured graphene-based supercapacitor electrodes. <i>RSC Advances</i> , <b>2013</b> , 3, 21183	3.7	51
66	Nitroxide radical coupling reaction: a powerful tool in polymer and material synthesis. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2384	4.9	40
65	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
64	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
63	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
62	Bridge time series and complex networks with a frequency-degree mapping algorithm <b>2012</b> ,		2
61	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
60	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
59	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
58	Thermoresponsive graphene oxide-PNIPAM nanocomposites with controllable grafting polymer chains via moderate in situ SETLRP. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 4451-4458	2.5	69



57	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
56	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
55	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
54	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
53	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
52	Well-defined graft copolymers: from controlled synthesis to multipurpose applications. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 1282-95	58.5	309
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	Binary nanocrystal superlattice membranes self-assembled at the liquid-air interface. <i>Nature</i> , <b>2010</b> , 466, 474-7	50.4	661
40	Collective dipolar interactions in self-assembled magnetic binary nanocrystal superlattice membranes. <i>Nano Letters</i> , <b>2010</b> , 10, 5103-8	11.5	125

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38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	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
25	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
24	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
23	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
22	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

21	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
20	Size-controllable gold nanoparticles stabilized by PDEAEMA-based double hydrophilic graft copolymer. <i>Polymer</i> , <b>2009</b> , 50, 3990-3996	3.9	35
19	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
18	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
17	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
16	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
15	Pilot study of targeting magnetic carbon nanotubes to lymph nodes. <i>Nanomedicine</i> , <b>2009</b> , 4, 317-30	5.6	48
14	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
13	Hydrothermal treatment to prepare hydroxyl group modified multi-walled carbon nanotubes. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 350-354		82
12	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
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10	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
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4	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

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1	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