

Ning Zhao

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.

324 papers	10,621 citations	58 h-index	86 g-index
335 ext. papers	12,334 ext. citations	6.1 avg, IF	6.42 L-index

#	Paper	IF	Citations
324	Plasmonic Metal Nanoparticle Loading to Enhance the Photothermal Conversion of Carbon Fibers. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 2454-2462	3.8	3
323	Digital Light Processing 3D Printing of Enhanced Polymers via Interlayer Welding.. <i>Macromolecular Rapid Communications</i> , 2022 , e2200053	4.8	1
322	Efficient Antibacterial Agent Delivery by Mesoporous Silica Aerogel.. <i>ACS Omega</i> , 2022 , 7, 7638-7647	3.9	1
321	AIE-active macromolecules: designs, performances, and applications. <i>Polymer Chemistry</i> , 2021 , 13, 8-43	4.9	1
320	A polyaniline-modified electrode surface for boosting the electrocatalysis towards the hydrogen evolution reaction and ethanol oxidation reaction. <i>Chemical Communications</i> , 2021 ,	5.8	3
319	Biomimetic Porous Nanofiber-Based Oil Pump for Spontaneous Oil Directional Transport and Collection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 16887-16894	9.5	1
318	Skin-Inspired Double-Hydrophobic-Coating Encapsulated Hydrogels with Enhanced Water Retention Capacity. <i>Advanced Functional Materials</i> , 2021 , 31, 2102433	15.6	23
317	Heat-Resistant and High-Performance Solid-State Supercapacitors Based on Poly(-phenylene terephthalamide) Fibers via Polymer-Assisted Metal Deposition. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18100-18109	9.5	2
316	Co/Co9S8@carbon nanotubes on a carbon sheet: facile controlled synthesis, and application to electrocatalysis in oxygen reduction/oxygen evolution reactions, and to a rechargeable Zn-air battery. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 368-375	6.8	5
315	Reprintable Polymers for Digital Light Processing 3D Printing. <i>Advanced Functional Materials</i> , 2021 , 31, 2007173	15.6	9
314	AIE-active polyelectrolyte based photosensitizers: the effects of structure on antibiotic-resistant bacterial sensing and killing and pollutant decomposition. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5309-5317	7.3	1
313	Regulating dielectric performances of Poly(vinylidene fluoride) nanocomposites by individually controlling shell thickness of Core@Double-Shells structured nanowires. <i>IET Nanodielectrics</i> , 2021 , 4, 11-20	2.8	3
312	Photoinduced Spontaneous Formation of a Reduced Graphene Oxide-Enwrapped Cu-CuO Nanocomposite for Solar Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 9838-9845	9.5	9
311	Transparent Super-Repellent Surfaces with Low Haze and High Jet Impact Resistance. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 13813-13821	9.5	5
310	Digital Light Processing 3D Printing of Healable and Recyclable Polymers with Tailorable Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 34954-34961	9.5	7
309	Vertical growth of nickel sulfide nanosheets on graphene oxide for advanced sodium-ion storage. <i>Carbon</i> , 2021 , 182, 194-202	10.4	5
308	Lithium-Conducting Branched Polymers: New Paradigm of Solid-State Electrolytes for Batteries. <i>Nano Letters</i> , 2021 , 21, 7435-7447	11.5	9

307	Role of Interfaces in the Thermal Reduction Process of the FeO/Cu ₂ O/Cu(100) Surface. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 20863-20869	3.8	1
306	Surface modification of cuprous oxide nanoparticles with improved chemical stability and antibacterial activity. <i>Applied Surface Science</i> , 2021 , 565, 150566	6.7	2
305	Feasibility of Predicting Static Dielectric Constants of Polymer Materials: A Density Functional Theory Method. <i>Polymers</i> , 2021 , 13,	4.5	2
304	Highly Hierarchical Porous Ultrathin Co ₃ O ₄ [email[protected]] Foam for High-Performance Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021 , 4, 1619-1627	6.1	10
303	An Extremely Stretchable and Self-Healable Supramolecular Polymer Network. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 4499-4507	9.5	9
302	Superior Hard but Quickly Reversible Si-O-Si Network Enables Scalable Fabrication of Transparent, Self-Healing, Robust, and Programmable Multifunctional Nanocomposite Coatings.. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	5
301	Investigation of the Cyclization Mechanism of Poly(acrylonitrile-co-ethylenesulfonic acid) Copolymer during Thermal Oxidative Stabilization by In Situ Infrared Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 9519-9531	3.9	4
300	Bioinspired "Skin" with Cooperative Thermo-Optical Effect for Daytime Radiative Cooling. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 25286-25293	9.5	37
299	Engineering 3D electron and ion transport channels by constructing sandwiched holey quaternary metal oxide nanosheets for high-performance flexible energy storage. <i>Science China Materials</i> , 2020 , 63, 1719-1730	7.1	3
298	Long-term Thermo-oxidative Degradation Modeling of a Carbon Fiber Reinforced Polyimide Composite: Multistep Degradation Behaviors and Kinetics. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020 , 38, 1202-1213	3.5	3
297	Nano-structured Hollow Carbon Materials from a Non-isothermal Chemical Vapor Deposition of Polyphenols. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 590-594	4.9	2
296	Carbon Vesicles: A Symmetry-Breaking Strategy for Wide-Band and Solvent-Processable Ultrablack Coating Materials. <i>Advanced Functional Materials</i> , 2020 , 30, 1909877	15.6	8
295	Dual-Tunable Structural Colors from Liquid-Infused Aerogels. <i>Advanced Optical Materials</i> , 2020 , 8, 1901825	8.5	3
294	Controlled Synthesis of Co@N-Doped Carbon by Pyrolysis of ZIF with 2-Aminobenzimidazole Ligand for Enhancing Oxygen Reduction Reaction and the Application in Zn-Air Battery. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 11693-11701	9.5	36
293	Aerobic Oxidation of Fluorene to Fluorenone over Copper-Doped Co ₃ O ₄ with a High Specific Surface Area. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 2568-2576	8.3	7
292	Recyclable, Self-Healing, Thermadapt Triple-Shape Memory Polymers Based on Dual Dynamic Bonds. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9833-9841	9.5	52
291	Kinetic study of the multistep thermo-oxidative degradation of thermosetting siloxane-containing polyimide and unmodified polyimide. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49021	2.9	1
290	Highly sensitive qualitative and quantitative detection of saturated fatty aldehydes in edible vegetable oils using a "turn-on" fluorescent probe by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2020 , 1621, 461063	4.5	6

- 289 Combining Zn_{0.76}Co_{0.24}S with S-doped graphene as high-performance anode materials for lithium- and sodium-ion batteries. *Nanotechnology Reviews*, **2020**, 9, 1227-1236 6.3 4
- 288 One-pot synthesis of hierarchical Co_{1-x}S/NC@MoS₂/C hollow nanofibers based on one-dimensional metal coordination polymers for enhanced lithium and sodium-ion storage. *Science Bulletin*, **2020**, 65, 1460-1469 10.6 16
- 287 Molecular weight switchable polyurethanes enable melt processing. *Chemical Engineering Journal*, **2020**, 384, 123287 14.7 5
- 286 Influence of NaBH₄ Liquid Reduction Over LaCuZn Perovskite for CO₂ Hydrogenation to Methanol. *Catalysis Letters*, **2020**, 150, 922-929 2.8 1
- 285 Synthesis of Fe₃C@porous carbon nanorods via carbonizing Fe complexes for oxygen reduction reaction and Zn||air battery. *Inorganic Chemistry Frontiers*, **2020**, 7, 889-896 6.8 3
- 284 Porous Co₃O₄ nanoplates as an efficient electromaterial for non-enzymatic glucose sensing. *CrystEngComm*, **2020**, 22, 35-43 3.3 16
- 283 A mitochondria-targeting nitroreductase fluorescent probe with large Stokes shift and long-wavelength emission for imaging hypoxic status in tumor cells. *Analytica Chimica Acta*, **2020**, 1103, 202-211 6.6 27
- 282 Ultrathin Nanosheet-Assembled, Phosphate Ion-Functionalized NiO Microspheres as Efficient Supercapacitor Materials. *ACS Applied Energy Materials*, **2020**, 3, 9980-9988 6.1 11
- 281 An HBT-based fluorescent probe for nitroreductase determination and its application in Escherichia coli cell imaging. *New Journal of Chemistry*, **2020**, 44, 16265-16268 3.6 8
- 280 Phase transformation of PiMoCo and their electrocatalytic activity for oxygen evolution reaction. *CrystEngComm*, **2020**, 22, 6003-6009 3.3 1
- 279 Thermoresponsive self-healable and recyclable polymer networks based on a dynamic quinone methide-thiol chemistry. *Polymer Chemistry*, **2020**, 11, 6157-6162 4.9 4
- 278 Zn/Al/Pb Mixed Oxides as Efficient Heterogeneous Catalysts for the Synthesis of Methyl -Phenyl Carbamate. *ACS Omega*, **2020**, 5, 22529-22535 3.9 3
- 277 A one-step aqueous route to prepare polyacrylonitrile-based hydrogels with excellent ionic conductivity and extreme low temperature tolerance. *Journal of Materials Chemistry A*, **2020**, 8, 22090-22099 13.9 16
- 276 3D carbon-coated stannous sulfide-molybdenum disulfide anodes for advanced lithium-ion batteries. *Materials Advances*, **2020**, 1, 2323-2331 3.3 2
- 275 The effects of calcination temperature of support on Au/CuO-ZrO catalysts for oxidation of glycerol to dihydroxyacetone. *Journal of Colloid and Interface Science*, **2020**, 560, 130-137 9.3 7
- 274 An HBT-based fluorescent dye with enhanced quantum yield in water system and its application for constructing NQO1 fluorescent probe. *Talanta*, **2020**, 216, 120982 6.2 13
- 273 Superstretchable Dynamic Polymer Networks. *Advanced Materials*, **2019**, 31, e1904029 24 41
- 272 Manipulating the surface wettability of polysaccharide based complex membrane for oil/water separation. *Carbohydrate Polymers*, **2019**, 225, 115231 10.3 15

271	Blue Laser Projection Printing of Conductive Complex 2D and 3D Metallic Structures from Photosensitive Precursors. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21668-21674	9.5	11
270	In-Situ Growth of Au on KTaO Sub-Micron Cubes via Wet Chemical Approach for Enhanced Photodegradation of p-Nitrophenol. <i>Materials</i> , 2019 , 12,	3.5	4
269	Biophotonic Films: Biomimetic Polymer Film with Brilliant Brightness Using a One-Step Water Vapor-Induced Phase Separation Method (Adv. Funct. Mater. 23/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970158	15.6	
268	Amphiphilic Graphene Aerogel with High Oil and Water Adsorption Capacity and High Contact Area for Interface Reaction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 22794-22800	9.5	30
267	General Surface Modification Method for Nanospheres via Tannic Acid-Fe Layer-by-Layer Deposition: Preparation of a Magnetic Nanocatalyst. <i>ACS Applied Nano Materials</i> , 2019 , 2, 3510-3517	5.6	11
266	Liquid marble-derived solid-liquid hybrid superparticles for CO capture. <i>Nature Communications</i> , 2019 , 10, 1854	17.4	27
265	Aerobic oxidation of fluorene to fluorenone over Co/Cu bimetal oxides. <i>New Journal of Chemistry</i> , 2019 , 43, 8428-8438	3.6	6
264	Biomimetic Polymer Film with Brilliant Brightness Using a One-Step Water Vapor-Induced Phase Separation Method. <i>Advanced Functional Materials</i> , 2019 , 29, 1808885	15.6	24
263	Cast-and-Use Super Black Coating Based on Polymer-Derived Hierarchical Porous Carbon Spheres. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15945-15951	9.5	19
262	Self-assembly of homopolymer of PAA-NH ₄ . <i>Chinese Chemical Letters</i> , 2019 , 30, 477-480	8.1	0
261	Preparation, Stabilization and Carbonization of a Novel Polyacrylonitrile-Based Carbon Fiber Precursor. <i>Polymers</i> , 2019 , 11,	4.5	36
260	Triboelectric nanogenerators made of polybenzazole aerogels as fire-resistant negative tribo-materials. <i>Nano Energy</i> , 2019 , 64, 103900	17.1	17
259	Functional bacterial cellulose membranes with 3D porous architectures: Conventional drying, tunable wettability and water/oil separation. <i>Journal of Membrane Science</i> , 2019 , 591, 117312	9.6	26
258	Complex membrane of cellulose and chitin nanocrystals with cationic guar gum for oil/water separation. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47947	2.9	14
257	Solvent-Free Production of Isosorbide from Sorbitol Catalyzed by a Polymeric Solid Acid. <i>ChemSusChem</i> , 2019 , 12, 4986-4995	8.3	13
256	Dynamic multiphase semi-crystalline polymers based on thermally reversible pyrazole-urea bonds. <i>Nature Communications</i> , 2019 , 10, 4753	17.4	44
255	Competitive self-assembly driven as a route to control the morphology of poly(tannic acid) assemblies. <i>Nanoscale</i> , 2019 , 11, 4751-4758	7.7	11
254	Antimonene Engineered Highly Deformable Freestanding Electrode with Extraordinarily Improved Energy Storage Performance. <i>Advanced Energy Materials</i> , 2019 , 9, 1902462	21.8	27

253	Selective Oxidation of Glycerol to Dihydroxyacetone over Au/CuZrO Catalysts in Base-Free Conditions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 44058-44068	9.5	7
252	Synthesis of CeO ₂ -ZrO ₂ Solid Solutions for Thermochemical CO ₂ Splitting. <i>Energy Technology</i> , 2019 , 7, 1800890	3.5	3
251	Cu ₂ O-clay composites with sub-micrometer-sized Cu ₂ O particles for marine antifouling paints 2019 , 16, 25-30		7
250	Coaxial electrospinning core-shell fibers for self-healing scratch on coatings. <i>Chinese Chemical Letters</i> , 2019 , 30, 157-159	8.1	14
249	Aerogels Derived from Polymer Nanofibers and Their Applications. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1700724	4.8	45
248	Facile preparation and characterization of soluble aramid. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 4634159	2.9	3
247	Cocatalyst designing: a binary noble-metal-free cocatalyst system consisting of ZnInS and In(OH) for efficient visible-light photocatalytic water splitting.. <i>RSC Advances</i> , 2018 , 8, 4979-4986	3.7	24
246	Dimethyl carbonate synthesis over solid base catalysts derived from CaAl layered double hydroxides. <i>Chemical Papers</i> , 2018 , 72, 1963-1971	1.9	5
245	Multiple stimuli-responsive selenium-functionalized biodegradable starch-based hydrogels. <i>Soft Matter</i> , 2018 , 14, 921-926	3.6	36
244	Superhydrophobic/Superhydrophilic Janus Fabrics Reducing Blood Loss. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701086	10.1	60
243	Conformal Nanocoatings with Uniform and Controllable Thickness on Microstructured Surfaces: A General Assembly Route. <i>Advanced Materials</i> , 2018 , 30, 1704131	24	7
242	Ultrahigh-Strength Ultrahigh Molecular Weight Polyethylene (UHMWPE)-Based Fiber Electrode for High Performance Flexible Supercapacitors. <i>Advanced Functional Materials</i> , 2018 , 28, 1707351	15.6	29
241	Fabrication of RGO-NiCoO nanorods composite from deep eutectic solvents for nonenzymatic amperometric sensing of glucose. <i>Talanta</i> , 2018 , 185, 335-343	6.2	29
240	Responsive complex capsules prepared with polymerization of dopamine, hydrogen-bonding assembly, and catechol dismutation. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 470-479	9.3	16
239	1D to 3D hierarchical iron selenide hollow nanocubes assembled from FeSe ₂ @C core-shell nanorods for advanced sodium ion batteries. <i>Energy Storage Materials</i> , 2018 , 10, 48-55	19.4	150
238	Chromogenic, Fluorescent, and Redox Sensors for Multichannel Imaging and Detection of Hydrogen Peroxide in Living Cell Systems. <i>Analytical Chemistry</i> , 2018 , 90, 10152-10158	7.8	39
237	TiO ₂ nanoscale ionic materials using mussel adhesive proteins inspired ligand. <i>Applied Surface Science</i> , 2018 , 459, 606-611	6.7	2
236	Solvent free nanoscale ionic materials based on FeO nanoparticles modified with mussel inspired ligands. <i>Journal of Colloid and Interface Science</i> , 2018 , 531, 404-409	9.3	1

235	Cu nanocrystal enhancement of C ₃ N ₄ /Cu hetero-structures and new applications in photo-electronic catalysis: hydrazine oxidation and redox reactions of organic molecules. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2420-2424	6.8	8
234	Microgel-Enhanced Double Network Hydrogel Electrode with High Conductivity and Stability for Intrinsically Stretchable and Flexible All-Gel-State Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 19323-19330	9.5	46
233	Phase change materials of paraffin in h-BN porous scaffolds with enhanced thermal conductivity and form stability. <i>Energy and Buildings</i> , 2018 , 158, 1184-1188	7	75
232	Superelastic and ultralight polyimide aerogels as thermal insulators and particulate air filters. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 828-832	13	80
231	Facile fabrication of flexible layered GO/BNNS composite films with high thermal conductivity. <i>Journal of Materials Science</i> , 2018 , 53, 4189-4198	4.3	18
230	Fire-resistant, ultralight, superelastic and thermally insulated polybenzazole aerogels. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 20769-20777	13	27
229	A Conductive and Highly Deformable All-Pseudocapacitive Composite Paper as Supercapacitor Electrode with Improved Areal and Volumetric Capacitance. <i>Small</i> , 2018 , 14, e1803786	11	104
228	Sodium-Ion Batteries: SnS ₂ Nanosheets Coating on Nanohollow Cubic CoS ₂ /C for Ultralong Life and High Rate Capability Half/Full Sodium-Ion Batteries (Small 41/2018). <i>Small</i> , 2018 , 14, 1870187	11	1
227	Polyester Nanofilms with Enhanced Polyhydroxyl Architectures for the Separation of Metal Ions from Aqueous Solutions. <i>ACS Applied Nano Materials</i> , 2018 , 1, 6176-6186	5.6	5
226	SnS Nanosheets Coating on Nanohollow Cubic CoS /C for Ultralong Life and High Rate Capability Half/Full Sodium-Ion Batteries. <i>Small</i> , 2018 , 14, e1802716	11	77
225	Molecular Glass Photoresists with High Resolution, Low LER, and High Sensitivity for EUV Lithography. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700654	3.9	6
224	Synthesis from Molecule into 3D Polyamide 6 Microspheres Stacked Polyhedrons via Self-Assembly. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700546	3.9	2
223	A hydrophilicity-based fluorescent strategy to differentiate cysteine/homocysteine over glutathione both in vivo and in vitro. <i>RSC Advances</i> , 2017 , 7, 5549-5553	3.7	6
222	From zinc-cyanide hybrid coordination polymers to hierarchical yolk-shell structures for high-performance and ultra-stable lithium-ion batteries. <i>Nano Energy</i> , 2017 , 33, 168-176	17.1	40
221	Dual-functional fluorescent probe responds to hypochlorous acid and SO derivatives with different fluorescence signals. <i>Talanta</i> , 2017 , 165, 625-631	6.2	33
220	Fabrication of oriented wrinkles on polydopamine/polystyrene bilayer films. <i>Journal of Colloid and Interface Science</i> , 2017 , 498, 123-127	9.3	8
219	Spherically aggregated Cu ₂ O@A hybrid sub-microparticles with modulated size and improved chemical stability. <i>CrystEngComm</i> , 2017 , 19, 1888-1895	3.3	9
218	Nitrogen-functionalized reduced graphene oxide as carbocatalysts with enhanced activity for polyaromatic hydrocarbon hydrogenation. <i>Catalysis Science and Technology</i> , 2017 , 7, 1217-1226	5.5	24

217	Ultra Water Repellent Polypropylene Surfaces with Tunable Water Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 10224-10232	9.5	25
216	Effects of ultra-high temperature treatment on the microstructure of carbon fibers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017 , 35, 764-772	3.5	7
215	A gold nanocluster-based ratiometric fluorescent probe for cysteine and homocysteine detection in living cells. <i>New Journal of Chemistry</i> , 2017 , 41, 4416-4423	3.6	21
214	Fabrication of Conductive Silver Microtubes Using Natural Catkin as a Template. <i>ACS Omega</i> , 2017 , 2, 1738-1745	3.9	17
213	Preparation of recyclable polybutadiene rubber based on acidBase complexation. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45280	2.9	5
212	Oxime-Based and Catalyst-Free Dynamic Covalent Polyurethanes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8678-8684	16.4	192
211	A Study on the Order of Calcination and Liquid Reduction over Cu-Based Catalyst for Synthesis of Methanol from CO ₂ /H ₂ . <i>Catalysis Letters</i> , 2017 , 147, 1235-1242	2.8	6
210	Cellulose derivative-lanthanide complex film by hierarchical assembly process. <i>Carbohydrate Polymers</i> , 2017 , 168, 240-246	10.3	7
209	Recyclable polybutadiene elastomer based on dynamic imine bond. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 2011-2018	2.5	67
208	Synthesis and characterization of new aramids based on o-(m-triphenyl)-terephthaloyl chloride and m-(m-triphenyl)-isophthaloyl chloride. <i>Polymer</i> , 2017 , 109, 49-57	3.9	21
207	Construction of a selective electrochemical sensing solidLiquid interface for the selective detection of fluoride ion in water with bis(indolyl)methane-functionalized multi-walled carbon nanotubes. <i>New Journal of Chemistry</i> , 2017 , 41, 14246-14252	3.6	10
206	Recyclable Polydimethylsiloxane Network Crosslinked by Dynamic Transesterification Reaction. <i>Scientific Reports</i> , 2017 , 7, 11833	4.9	43
205	Improving the stability of LiNi _{0.80} Co _{0.15} Al _{0.05} O ₂ by AlPO ₄ nanocoating for lithium-ion batteries. <i>Science China Chemistry</i> , 2017 , 60, 1230-1235	7.9	37
204	Rationally Turning the Interface Activity of Mesoporous Silicas for Preparing Pickering Foam and "Dry Water". <i>Langmuir</i> , 2017 , 33, 9025-9033	4	12
203	High-Thermal- and Air-Stability Cathode Material with Concentration-Gradient Buffer for Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 42829-42835	9.5	59
202	Blue laser diode-initiated photosensitive resins for 3D printing. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12035-12038	7.1	9
201	Highly stable mesoporous NiO _x /ZnO _x catalysts for CO ₂ reforming of methane: effect of Ni embedding and Y ₂ O ₃ promotion. <i>Catalysis Science and Technology</i> , 2016 , 6, 449-459	5.5	54
200	Cu ₂ O/IER (Ion-exchange Resin) Composites: A Novel Strategy for Cu ₂ O Synthesis. <i>Chemistry Letters</i> , 2016 , 45, 238-240	1.7	1

199	Cellular graphene aerogel combines ultralow weight and high mechanical strength: A highly efficient reactor for catalytic hydrogenation. <i>Scientific Reports</i> , 2016 , 6, 25830	4.9	40
198	Highly Elastic Fibers Made from Hydrogen-Bonded Polymer Complex. <i>ACS Macro Letters</i> , 2016 , 5, 814-816	4.6	37
197	Facile preparation of bridged silsesquioxane microspheres with interconnected multi-cavities and open holes. <i>RSC Advances</i> , 2016 , 6, 21571-21576	3.7	3
196	Dynamic cross-links to facilitate recyclable polybutadiene elastomer with excellent toughness and stretchability. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 1357-1366	2.5	28
195	Air-expansion induced hierarchically porous carbonaceous aerogels from biomass materials with superior lithium storage properties. <i>RSC Advances</i> , 2016 , 6, 7591-7598	3.7	17
194	Low-cost mussel inspired poly(catechol/polyamine) coating with superior anti-corrosion capability on copper. <i>Journal of Colloid and Interface Science</i> , 2016 , 463, 214-21	9.3	34
193	Bio-inspired hollow activated carbon microtubes derived from willow catkins for supercapacitors with high volumetric performance. <i>Materials Letters</i> , 2016 , 174, 249-252	3.3	43
192	Enhanced CO ₂ Adsorption Capacity and Hydrothermal Stability of HKUST-1 via Introduction of Siliceous Mesocellular Foams (MCFs). <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 7950-7957	3.9	21
191	Hydrothermal treatment of polyamide 6 with presence of lanthanum chloride. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016 , 34, 399-406	3.5	4
190	Electrically conductive, mechanically robust, pH-sensitive graphene/polymer composite hydrogels. <i>Composites Science and Technology</i> , 2016 , 127, 119-126	8.6	80
189	Mitochondria-Targeted Fluorescent Probe for Imaging Hydrogen Peroxide in Living Cells. <i>Analytical Chemistry</i> , 2016 , 88, 1455-61	7.8	130
188	Pentaethylenhexamine-Loaded Hierarchically Porous Silica for CO ₂ Adsorption. <i>Materials</i> , 2016 , 9,	3.5	19
187	Biomimetic Gradient Polymers with Enhanced Damping Capacities. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 655-61	4.8	22
186	Stretchable supramolecular hydrogels with triple shape memory effect. <i>Chemical Science</i> , 2016 , 7, 6715-6720	7.4	107
185	Methoxycarbonylation of 1,6-hexanediamine with dimethyl carbonate to dimethylhexane-1,6-dicarbamate over Zn/SiO ₂ catalyst. <i>RSC Advances</i> , 2016 , 6, 51446-51455	3.7	6
184	Fabrication of oriented hBN scaffolds for thermal interface materials. <i>RSC Advances</i> , 2016 , 6, 16489-16494	3.7	79
183	Numerical Simulation of CO ₂ Adsorption on K-Based Sorbent. <i>Energy & Fuels</i> , 2016 , 30, 4283-4291	4.1	10
182	A self-assembly strategy for fabricating highly stable silicon/reduced graphene oxide anodes for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2016 , 40, 8961-8968	3.6	14

181	A versatile coating approach to fabricate superwetting membranes for separation of water-in-oil emulsions. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016 , 34, 1234-1239	3.5	8
180	Mussel-inspired multifunctional supramolecular hydrogels with self-healing, shape memory and adhesive properties. <i>Polymer Chemistry</i> , 2016 , 7, 5343-5346	4.9	76
179	Effect of pore geometries on the catalytic properties of NiO/Al ₂ O ₃ catalysts in CO ₂ reforming of methane. <i>RSC Advances</i> , 2015 , 5, 21090-21098	3.7	17
178	Bioinspired modification of h-BN for high thermal conductive composite films with aligned structure. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5701-8	9.5	294
177	Effect of microgel content on the shear and extensional rheology of polyacrylonitrile solution. <i>Colloid and Polymer Science</i> , 2015 , 293, 587-596	2.4	8
176	Effect of water content on the size and membrane thickness of polystyrene-block-poly(ethylene oxide) vesicles. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015 , 33, 661-668	3.5	9
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23	ABA Type Triblock Copolymer Based on Mesogen-Jacketed Liquid Crystalline Polymer: Design, Synthesis, and Potential as Thermoplastic Elastomer. <i>Macromolecules</i> , 2004 , 37, 7610-7618	5.5	44
22	Novel transmittance change of polyelectrolyte hydrogel in DC electric field. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 2290-2295	2.6	4
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16	Characterization of refractive index distribution of polymer optical fiber. <i>Science Bulletin</i> , 2002 , 47, 982-985		1
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8	XPS investigation of water-soluble copolymer surfactants on interface. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999 , 37, 2297-2302	2.6	4
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6	A new theoretical formula for the determination of the copolymer composition distribution measured by gel permeation chromatography. <i>Macromolecular Rapid Communications</i> , 1997 , 18, 601-607	4.8	2
5	Conformation of amphiphilic branch chain in copolymer surfactants on interface. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997 , 35, 827-830	2.6	7
4	Diesel from Syngas		123-139
3	Highly dispersed rhodium atoms supported on defect-rich Co(OH) ₂ for the chemoselective hydrogenation of nitroarenes. <i>New Journal of Chemistry</i> ,	3.6	2
2	Au/Ni/Ni(OH) ₂ /C Nanocatalyst with High Catalytic Activity and Selectivity for m-dinitrobenzene Hydrogenation. <i>Catalysis Letters</i> ,	2.8	0

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