Wei Jiang

List of Publications by Year in descending order

466 papers	15,697 citations	18482 62 h-index	31849 101 g-index
473 all docs	473 docs citations	473 times ranked	16723 citing authors

#	Article	IF	Citations
1	Highly efficient differentiation of human ES cells and iPS cells into mature pancreatic insulin-producing cells. Cell Research, 2009, 19, 429-438.	12.0	525
2	Generation of Induced Pluripotent Stem Cells from Adult Rhesus Monkey Fibroblasts. Cell Stem Cell, 2008, 3, 587-590.	11.1	439
3	Integrative self-sorting: a versatile strategy for the construction of complex supramolecular architecture. Chemical Society Reviews, 2015, 44, 779-789.	38.1	350
4	In vitro derivation of functional insulin-producing cells from human embryonic stem cells. Cell Research, 2007, 17, 333-344.	12.0	304
5	Short-term BMP-4 treatment initiates mesoderm induction in human embryonic stem cells. Blood, 2008, 111, 1933-1941.	1.4	270
6	Near-Infrared II Phototherapy Induces Deep Tissue Immunogenic Cell Death and Potentiates Cancer Immunotherapy. ACS Nano, 2019, 13, 11967-11980.	14.6	251
7	Integrative Self-Sorting: Construction of a Cascade-Stoppered Hetero[3]rotaxane. Journal of the American Chemical Society, 2008, 130, 13852-13853.	13.7	238
8	Control of carbon nanotubes at the interface of a co-continuous immiscible polymer blend to fabricate conductive composites with ultralow percolation thresholds. Carbon, 2014, 73, 267-274.	10.3	225
9	Design of Electrical Conductive Composites: Tuning the Morphology to Improve the Electrical Properties of Graphene Filled Immiscible Polymer Blends. ACS Applied Materials & Interfaces, 2012, 4, 5281-5286.	8.0	207
10	Monitoring Self-Sorting by Electrospray Ionization Mass Spectrometry: Formation Intermediates and Error-Correction during the Self-Assembly of Multiply Threaded Pseudorotaxanes. Journal of the American Chemical Society, 2010, 132, 2309-2320.	13.7	197
11	80-micron interaction length silicon photonic crystal waveguide modulator. Applied Physics Letters, 2005, 87, 221105.	3.3	185
12	Inducing Embryonic Stem Cells to Differentiate into Pancreatic Î² Cells by a Novel Threeâ€Step Approach with Activin A and Allâ€•Trans Retinoic Acid. Stem Cells, 2005, 23, 656-662.	3.2	184
13	Design of superior conductive polymer composite with precisely controlling carbon nanotubes at the interface of a co-continuous polymer blend via a balance of Ï€-Ï€ interactions and dipole-dipole interactions. Carbon, 2017, 114, 441-448.	10.3	179
14	Integrative self-sorting is a programming language for high level self-assembly. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10425-10429.	7.1	169
15	Shear-induced assembly of a transient yet highly stretchable hydrogel based on pseudopolyrotaxanes. Nature Chemistry, 2019, 11, 470-477.	13.6	161
16	Histone Demethylase Expression Enhances Human Somatic Cell Nuclear Transfer Efficiency and Promotes Derivation of Pluripotent Stem Cells. Cell Stem Cell, 2015, 17, 758-766.	11.1	158
17	Naphthotubes: Macrocyclic Hosts with a Biomimetic Cavity Feature. Accounts of Chemical Research, 2020, 53, 198-208.	15.6	148
18	Histone H3K27me3 demethylases KDM6A and KDM6B modulate definitive endoderm differentiation from human ESCs by regulating WNT signaling pathway. Cell Research, 2013, 23, 122-130.	12.0	134

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19	Molecular Recognition of Hydrophilic Molecules in Water by Combining the Hydrophobic Effect with Hydrogen Bonding. Journal of the American Chemical Society, 2018, 140, 13466-13477.	13.7	130
20	Effect of Selective Solvent Addition Rate on the Pathways for Spontaneous Vesicle Formation of ABA Amphiphilic Triblock Copolymers. Journal of the American Chemical Society, 2010, 132, 1144-1150.	13.7	128
21	Systems chemistry: logic gates based on the stimuli-responsive gelâ€“sol transition of a crown ether-functionalized bis(urea) gelator. Chemical Science, 2012, 3, 2073.	7.4	127
22	The lncRNA DEANR1 Facilitates Human Endoderm Differentiation by Activating FOXA2 Expression. Cell Reports, 2015, 11, 137-148.	6.4	127
23	Molecular Recognition and Chirality Sensing of Epoxides in Water Using Endo-Functionalized Molecular Tubes. Journal of the American Chemical Society, 2017, 139, 8436-8439.	13.7	127
24	Synergistic effect of dual BrÃ¸nsted acidic deep eutectic solvents for oxidative desulfurization of diesel fuel. Chemical Engineering Journal, 2020, 394, 124831.	12.7	123
25	Balance the electrical properties and mechanical properties of carbon black filled immiscible polymer blends with a double percolation structure. Composites Science and Technology, 2017, 140, 99-105.	7.8	121
26	Bis(aminothiolato)nickel nanosheet as a redox switch for conductivity and an electrocatalyst for the hydrogen evolution reaction. Chemical Science, 2017, 8, 8078-8085.	7.4	120
27	Massive enhancement in the thermal conductivity of polymer composites by trapping graphene at the interface of a polymer blend. Composites Science and Technology, 2016, 129, 160-165.	7.8	118
28	Tumor Reoxygenation and Blood Perfusion Enhanced Photodynamic Therapy using Ultrathin Graphdiyne Oxide Nanosheets. Nano Letters, 2019, 19, 4060-4067.	9.1	118
29	High-density waveguide superlattices with low crosstalk. Nature Communications, 2015, 6, 7027.	12.8	116
30	Ring-Shaped Morphology of â€œCrew-Cutâ€•Aggregates from ABA Amphiphilic Triblock Copolymer in a Dilute Solution. Langmuir, 2004, 20, 3809-3812.	3.5	112
31	Oxatub[4]arene: a smart macrocyclic receptor with multiple interconvertible cavities. Chemical Science, 2015, 6, 6731-6738.	7.4	111
32	Nanoclustered Cascaded Enzymes for Targeted Tumor Starvation and Deoxygenation-Activated Chemotherapy without Systemic Toxicity. ACS Nano, 2019, 13, 8890-8902.	14.6	111
33	High speed silicon photonic crystal waveguide modulator for low voltage operation. Applied Physics Letters, 2007, 90, 071105.	3.3	108
34	Prediction of two-dimensional nodal-line semimetals in a carbon nitride covalent network. Journal of Materials Chemistry A, 2018, 6, 11252-11259.	10.3	101
35	Potentiality of Using Luojia 1-01 Nighttime Light Imagery to Investigate Artificial Light Pollution. Sensors, 2018, 18, 2900.	3.8	100
36	Chelate Cooperativity and Spacer Length Effects on the Assembly Thermodynamics and Kinetics of Divalent Pseudorotaxanes. Journal of the American Chemical Society, 2012, 134, 1860-1868.	13.7	99

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37	Gapped Spin-1/2 Spinon Excitations in a New Kagome Quantum Spin Liquid Compound Cu₃Zn(OH)₆FBr. Chinese Physics Letters, 2017, 34, 077502.	3.3	98
38	Recent progress in the self-assembly of block copolymers confined in emulsion droplets. Chemical Communications, 2018, 54, 13183-13195.	4.1	97
39	Well-Ordered Inorganic Nanoparticle Arrays Directed by Block Copolymer Nanosheets. ACS Nano, 2019, 13, 6638-6646.	14.6	96
40	The construction of complex multicomponent supramolecular systems via the combination of orthogonal self-assembly and the self-sorting approach. Chemical Science, 2014, 5, 4554-4560.	7.4	91
41	Strain sensing behaviors of stretchable conductive polymer composites loaded with different dimensional conductive fillers. Composites Science and Technology, 2018, 168, 388-396.	7.8	89
42	Hierarchical Multiplexing Nanodroplets for Imaging-Guided Cancer Radiotherapy via DNA Damage Enhancement and Concomitant DNA Repair Prevention. ACS Nano, 2018, 12, 5684-5698.	14.6	83
43	Mice Treated with Chlorpyrifos or Chlorpyrifos Oxon Have Organophosphorylated Tubulin in the Brain and Disrupted Microtubule Structures, Suggesting a Role for Tubulin in Neurotoxicity Associated with Exposure to Organophosphorus Agents. Toxicological Sciences, 2010, 115, 183-193.	3.1	82
44	Exotic Topological Bands and Quantum States in Metalâ€“Organic and Covalentâ€“Organic Frameworks. Accounts of Chemical Research, 2021, 54, 416-426.	15.6	82
45	A Multifunctional Arithmetical Processor Model Integrated Inside a Single Molecule. Journal of Physical Chemistry B, 2006, 110, 14231-14235.	2.6	79
46	Selfâ€Sorting of Waterâ€Soluble Cucurbituril Pseudorotaxanes. Chemistry - A European Journal, 2011, 17, 2344-2348.	3.3	79
47	Phase field approach for simulating solid-state dewetting problems. Acta Materialia, 2012, 60, 5578-5592.	7.9	79
48	Enhanced Oxygen Activation Achieved by Robust Single Chromium Atom-Derived Catalysts in Aerobic Oxidative Desulfurization. ACS Catalysis, 2022, 12, 8623-8631.	11.2	78
49	Multilayer Perceptron Neural Network for Surface Water Extraction in Landsat 8 OLI Satellite Images. Remote Sensing, 2018, 10, 755.	4.0	77
50	Entropy-Driven Hierarchical Nanostructures from Cooperative Self-Assembly of Gold Nanoparticles/Block Copolymers under Three-Dimensional Confinement. Macromolecules, 2015, 48, 5980-5987.	4.8	76
51	Evaluation of potential effects of soil available phosphorus on soil arsenic availability and paddy rice inorganic arsenic content. Environmental Pollution, 2014, 188, 159-165.	7.5	73
52	Conformationally adaptive macrocycles with flipping aromatic sidewalls. Chemical Society Reviews, 2020, 49, 4176-4188.	38.1	73
53	Effect of Shear Flow on the Formation of Ring-Shaped ABA Amphiphilic Triblock Copolymer Micelles. Macromolecules, 2009, 42, 3399-3404.	4.8	72
54	Giant Enhancement of Photoluminescence Emission in WS₂-Two-Dimensional Perovskite Heterostructures. Nano Letters, 2019, 19, 4852-4860.	9.1	72

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55	Self-Assembly of ABA Amphiphilic Triblock Copolymers into Vesicles in Dilute Solution. Journal of Physical Chemistry B, 2005, 109, 8619-8625.	2.6	70
56	High impact poly(lactic acid)/poly(ethylene octene) blends prepared by reactive blending. Polymer Engineering and Science, 2013, 53, 389-396.	3.1	70
57	A Lieb-like lattice in a covalent-organic framework and its Stoner ferromagnetism. Nature Communications, 2019, 10, 2207.	12.8	67
58	Thermooptically Tuned Photonic Crystal Waveguide Silicon-on-Insulator Machâ€“Zehnder Interferometers. IEEE Photonics Technology Letters, 2007, 19, 342-344.	2.5	66
59	A Proton-Triggered ONâ^'OFFâ^'ON Fluorescent Chemosensor for Mg(II) via Twisted Intramolecular Charge Transfer. Organic Letters, 2008, 10, 2873-2876.	4.6	66
60	Tailored Parallel Graphene Stripes in Plastic Film with Conductive Anisotropy by Shear-Induced Self-Assembly. Journal of Physical Chemistry Letters, 2013, 4, 43-47.	4.6	66
61	Parallel Carbon Nanotube Stripes in Polymer Thin Film with Remarkable Conductive Anisotropy. ACS Applied Materials & Interfaces, 2014, 6, 1754-1758.	8.0	66
62	Topological band evolution between Lieb and kagome lattices. Physical Review B, 2019, 99, .	3.2	66
63	Nitric Oxide Induces Immunogenic Cell Death and Potentiates Cancer Immunotherapy. ACS Nano, 2022, 16, 3881-3894.	14.6	66
64	CD24: A Novel Surface Marker for PDX1-Positive Pancreatic Progenitors Derived from Human Embryonic Stem Cells. Stem Cells, 2011, 29, 609-617.	3.2	63
65	Prediction of mixed hardwood lignin and carbohydrate content using ATR-FTIR and FT-NIR. Carbohydrate Polymers, 2015, 121, 336-341.	10.2	62
66	Controllable Location of Inorganic Nanoparticles on Block Copolymer Self-Assembled Scaffolds by Tailoring the Entropy and Enthalpy Contributions. Macromolecules, 2017, 50, 6771-6778.	4.8	61
67	Interactions Between Enhanced Polygenic Risk Scores and Lifestyle for Cardiovascular Disease, Diabetes, and Lipid Levels. Circulation Genomic and Precision Medicine, 2021, 14, e003128.	3.6	61
68	Plasma Proteins Adsorption Mechanism on Polyethylene-Grafted Poly(ethylene glycol) Surface by Quartz Crystal Microbalance with Dissipation. Langmuir, 2013, 29, 6624-6633.	3.5	60
69	Identifying potential cancer driver genes by genomic data integration. Scientific Reports, 2013, 3, 3538.	3.3	60
70	The thermal expansion behaviour of SiCp/Alâ€“20Si composites solidified under high pressures. Materials & Design, 2015, 65, 387-394.	5.1	60
71	Natural sunlight-actuated shape memory materials with reversible shape change and self-healing abilities based on carbon nanotubes filled conductive polymer composites. Chemical Engineering Journal, 2020, 382, 122823.	12.7	60
72	Adsorptive Separation of Benzene, Cyclohexene, and Cyclohexane by Amorphous Nonporous Amide Naphthotube Solids. Angewandte Chemie - International Edition, 2020, 59, 19945-19950.	13.8	60

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73	Functionalized polypropylene non-woven fabric membrane with bovine serum albumin and its hemocompatibility enhancement. Colloids and Surfaces B: Biointerfaces, 2013, 102, 45-52.	5.0	58
74	Achieving Strong Positive Cooperativity through Activating Weak Nonâ€Covalent Interactions. Angewandte Chemie - International Edition, 2018, 57, 709-713.	13.8	58
75	Fully Embedded Board-Level Optical Interconnects From Waveguide Fabrication to Device Integration. Journal of Lightwave Technology, 2008, 26, 243-250.	4.6	56
76	Directional Shuttling of a Stimuliâ€Responsive Coneâ€Like Macrocycle on a Singleâ€State Symmetric Dumbbell Axle. Angewandte Chemie - International Edition, 2018, 57, 7809-7814.	13.8	56
77	[4]Pseudorotaxanes with Remarkable Self-Sorting Selectivities. Organic Letters, 2011, 13, 4502-4505.	4.6	55
78	Alkane Lengths Determine Encapsulation Rates and Equilibria. Journal of the American Chemical Society, 2012, 134, 8070-8073.	13.7	54
79	Pseudoneutrophil Cytokine Sponges Disrupt Myeloid Expansion and Tumor Trafficking to Improve Cancer Immunotherapy. Nano Letters, 2020, 20, 242-251.	9.1	53
80	Protein Binding Affinity of Polymeric Nanoparticles as a Direct Indicator of Their Pharmacokinetics. ACS Nano, 2020, 14, 3563-3575.	14.6	52
81	Imine Macrocycle with a Deep Cavity: Guestâ€Selected Formation of syn/anti Configuration and Guestâ€Controlled Reconfiguration. Chemistry - A European Journal, 2015, 21, 3005-3012.	3.3	51
82	Fabrication of PP-g-PEGMA-g-heparin and its hemocompatibility: From protein adsorption to anticoagulant tendency. Applied Surface Science, 2012, 258, 5841-5849.	6.1	50
83	WNT3 Is a Biomarker Capable of Predicting the Definitive Endoderm Differentiation Potential of hESCs. Stem Cell Reports, 2013, 1, 46-52.	4.8	50
84	Annual input fluxes of heavy metals in agricultural soil of Hainan Island, China. Environmental Science and Pollution Research, 2014, 21, 7876-7885.	5.3	50
85	A Double Plugâ€“Socket System Capable of Molecular Keypad Locks through Controllable Photooxidation. Chemistry - A European Journal, 2009, 15, 9938-9945.	3.3	49
86	On the role of evanescent modes and group index tapering in slow light photonic crystal waveguide coupling efficiency. Applied Physics Letters, 2011, 98, .	3.3	49
87	Optical control of ferroelectric switching and multifunctional devices based on van der Waals ferroelectric semiconductors. Nanoscale, 2020, 12, 23488-23496.	5.6	49
88	Self-Assembly of Diblock Copolymer Mixtures in Confined States:Â A Monte Carlo Study. Macromolecules, 2007, 40, 2872-2881.	4.8	48
89	Biomimetic Recognition and Optical Sensing of Carboxylic Acids in Water by Using a Buried Salt Bridge and the Hydrophobic Effect. Angewandte Chemie - International Edition, 2021, 60, 1929-1935.	13.8	48
90	Effects of Catalytic Transesterification and Composition on the Toughness of Poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (ac 5565-5573.	3.7	47

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91	45Â° polymer-based total internal reflection coupling mirrors for fully embedded intraboard guided wave optical interconnects. Applied Physics Letters, 2005, 87, 141110.	3.3	46
92	Mechanical and slow-released property of poly(acrylamide) hydrogel reinforced by diatomite. Materials Science and Engineering C, 2019, 99, 315-321.	7.3	45
93	Ongoing Conflict Makes Yemen Dark: From the Perspective of Nighttime Light. Remote Sensing, 2017, 9, 798.	4.0	44
94	A Green and Wideâ€Scope Approach for Chiroptical Sensing of Organic Molecules through Biomimetic Recognition in Water. Angewandte Chemie - International Edition, 2020, 59, 23817-23824.	13.8	43
95	Topological Band Engineering of Lieb Lattice in Phthalocyanine-Based Metalâ€“Organic Frameworks. Nano Letters, 2020, 20, 1959-1966.	9.1	43
96	Comparison between two kinds of cigarette smoke condensates (CSCs) of the cytogenotoxicity and protein expression in a human B-cell lymphoblastoid cell line using CCK-8 assay, comet assay and protein microarray. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 697, 55-59.	1.7	42
97	Reactive compatibilization of highâ€impact poly(lactic acid)/ethylene copolymer blends catalyzed by N,Nâ€dimethylstearylamine. Polymer International, 2014, 63, 1263-1269.	3.1	42
98	Evolution and development of Miocene â€œisland dolostonesâ€•on Xisha Islands, South China Sea. Marine Geology, 2018, 406, 142-158.	2.1	42
99	Kagome bands disguised in a coloring-triangle lattice. Physical Review B, 2019, 99, .	3.2	42
100	A supramolecular system that strictly follows the binding mechanism of conformational selection. Nature Communications, 2020, 11, 2740.	12.8	42
101	Effective and Rapid Removal of Polar Organic Micropollutants from Water by Amide Naphthotubeâ€Crosslinked Polymers. Angewandte Chemie - International Edition, 2021, 60, 21404-21411.	13.8	42
102	Preparation and mechanical properties of highâ€performance short ramie fiberâ€reinforced polypropylene composites. Journal of Applied Polymer Science, 2011, 122, 1564-1571.	2.6	41
103	Oxatub[4]arene: a molecular â€œtransformerâ€•capable of hosting a wide range of organic cations. Chemical Communications, 2016, 52, 5666-5669.	4.1	41
104	Monte Carlo simulations of electrical percolation in multicomponent thin films with nanofillers. Nanotechnology, 2018, 29, 075401.	2.6	41
105	Study of Controllable Aggregation Morphology of ABA Amphiphilic Triblock Copolymer in Dilute Solution by Changing the Solvent Property. Journal of Physical Chemistry B, 2007, 111, 1938-1945.	2.6	40
106	Effect of Polydispersity on the Self-Assembly Structure of Diblock Copolymers under Various Confined States: A Monte Carlo Study. Macromolecules, 2008, 41, 6239-6245.	4.8	40
107	Light-Controlled Switching of a Non-photoresponsive Molecular Shuttle. Organic Letters, 2017, 19, 2945-2948.	4.6	40
108	Precise Localization of Inorganic Nanoparticles in Block Copolymer Micellar Aggregates: From Center to Interface. Macromolecules, 2015, 48, 256-263.	4.8	39

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109	Temperature-induced reversible transformation between toroidal and cylindrical assemblies under shear flow. Soft Matter, 2010, 6, 3743.	2.7	38
110	Ultralong gold nanoparticle/block copolymer hybrid cylindrical micelles: a strategy combining surface templated self-assembly and Rayleigh instability. Nanoscale, 2013, 5, 6344.	5.6	38
111	Naphthol-based macrocyclic receptors. Tetrahedron Letters, 2016, 57, 3978-3985.	1.4	38
112	Prediction of large gap flat Chern band in a two-dimensional metal-organic framework. Applied Physics Letters, 2018, 112, .	3.3	37
113	Photonic crystal waveguide modulators for silicon photonics: Device physics and some recent progress. Solid-State Electronics, 2007, 51, 1278-1286.	1.4	36
114	Bump-Surface Multicompartment Micelles from a Linear ABC Triblock Copolymer: A Combination Study by Experiment and Computer Simulation. Journal of Physical Chemistry B, 2009, 113, 3333-3338.	2.6	36
115	Synthesis, Solid-State Structures, and Molecular Recognition of Chiral Molecular Tweezer and Related Structures Based on a Rigid Bis-Naphthalene Cleft. Organic Letters, 2015, 17, 3880-3883.	4.6	36
116	Effect of grafted PEG chain conformation on albumin and lysozyme adsorption: A combined study using QCM-D and DPI. Colloids and Surfaces B: Biointerfaces, 2015, 136, 838-844.	5.0	36
117	endo-Functionalized molecular tubes: selective encapsulation of neutral molecules in non-polar media. Chemical Communications, 2016, 52, 9078-9081.	4.1	36
118	A parametric finite element method for solid-state dewetting problems with anisotropic surface energies. Journal of Computational Physics, 2017, 330, 380-400.	3.8	36
119	Antifouling and Antibacterial Properties Constructed by Quaternary Ammonium and Benzyl Ester Derived from Lysine Methacrylamide. ACS Applied Materials & Interfaces, 2019, 11, 25556-25568.	8.0	36
120	XRCC1 promotes replication restart, nascent fork degradation and mutagenic DNA repair in BRCA2-deficient cells. NAR Cancer, 2020, 2, zcaa013.	3.1	36
121	Fringing-field minimization in liquid-crystal-based high-resolution switchable gratings. Applied Physics Letters, 2005, 87, 201106.	3.3	35
122	Theory of light refraction at the surface of a photonic crystal. Physical Review B, 2005, 71, .	3.2	35
123	Templated Self-Assembly of Block Copolymers and Morphology Transformation Driven by the Rayleigh Instability. Langmuir, 2015, 31, 1660-1669.	3.5	35
124	Parallel carbon nanotube stripes in polymer thin film with tunable microstructures and anisotropic conductive properties. Composites Part A: Applied Science and Manufacturing, 2015, 69, 240-246.	7.6	35
125	Self-Assembly of AB Diblock Copolymer Confined in a Soft Nano-Droplet: A Combination Study by Monte Carlo Simulation and Experiment. Journal of Physical Chemistry B, 2016, 120, 12023-12029.	2.6	35
126	Plasmon-Induced Transparency and High-Performance Slow Light in a Plasmonic Single-Mode and Two-Mode Resonators Coupled System. Journal of Lightwave Technology, 2017, 35, 1710-1717.	4.6	35

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127	Redox-Responsive Hostâ€“Guest Chemistry of a Flexible Cage with Naphthalene Walls. Journal of the American Chemical Society, 2020, 142, 3306-3310.	13.7	35
128	Bis-urea macrocycles with a deep cavity. Chemical Communications, 2015, 51, 15490-15493.	4.1	34
129	Dichotomy between frustrated local spins and conjugated electrons in a two-dimensional metalâ€“organic framework. Nanoscale, 2019, 11, 955-961.	5.6	34
130	Highly Symmetric Patchy Multicompartment Nanoparticles from the Self-Assembly of ABC Linear Terpolymers in C-Selective Solvents. Langmuir, 2012, 28, 11714-11724.	3.5	33
131	Rapid assessment of coniferous biomass lignināˆ“carbohydrates with near-infrared spectroscopy. Wood Science and Technology, 2014, 48, 109-122.	3.2	33
132	Study of fibrinogen adsorption on poly(ethylene glycol)-modified surfaces using a quartz crystal microbalance with dissipation and a dual polarization interferometry. RSC Advances, 2014, 4, 7716.	3.6	33
133	Self-assembly of block copolymers into sieve-like particles with arrayed switchable channels and as scaffolds to guide the arrangement of gold nanoparticles. Nanoscale, 2017, 9, 15056-15061.	5.6	33
134	Toughening polylactide with polyether-block-amide and thermoplastic starch acetate: Influence of starch esterification degree. Carbohydrate Polymers, 2015, 127, 79-85.	10.2	32
135	Biomimetic Synchronized Motion of Two Interacting Macrocycles in [3]Rotaxaneâ€Based Molecular Shuttles. Angewandte Chemie - International Edition, 2019, 58, 15136-15141.	13.8	32
136	Leveraging effect size distributions to improve polygenic risk scores derived from summary statistics of genome-wide association studies. PLoS Computational Biology, 2020, 16, e1007565.	3.2	32
137	Surpassing the Organic Cathode Performance for Lithium-Ion Batteries with Robust Fluorinated Covalent Quinazoline Networks. ACS Energy Letters, 2021, 6, 41-51.	17.4	32
138	ZrTe2/CrTe2: an epitaxial van der Waals platform for spintronics. Nature Communications, 2022, 13, .	12.8	32
139	Disassembly of Multicompartment Polymer Micelles in Spatial Sequence Using an Electrostatic Field and Its Application for Release in Chronological Order. Angewandte Chemie - International Edition, 2018, 57, 3578-3582.	13.8	31
140	20 dB -enhanced coupling to slot photonic crystal waveguide using multimode interference coupler. Applied Physics Letters, 2007, 91, .	3.3	30
141	Tandem mass spectrometry for the analysis of selfâ€sorted pseudorotaxanes: the effects of Coulomb interactions. Journal of Mass Spectrometry, 2010, 45, 788-798.	1.6	30
142	Slow light loss due to roughness in photonic crystal waveguides: An analytic approach. Physical Review B, 2010, 82, .	3.2	30
143	Guest-Induced, Selective Formation of Isomeric Capsules with Imperfect Walls. Journal of the American Chemical Society, 2012, 134, 17498-17501.	13.7	30
144	Protein tyrosine adduct in humans self-poisoned by chlorpyrifos. Toxicology and Applied Pharmacology, 2013, 269, 215-225.	2.8	30

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145	Cancer Chemoradiotherapy Duo: Nano-Enabled Targeting of DNA Lesion Formation and DNA Damage Response. ACS Applied Materials & Interfaces, 2018, 10, 35734-35744.	8.0	30
146	Polylactic Acid Nonwoven Fabric Surface Modified with Stereocomplex Crystals for Recyclable Use in Oil/Water Separation. ACS Applied Polymer Materials, 2020, 2, 2509-2516.	4.4	30
147	Nano-reactors for controlling the selectivity of the free radical grafting of maleic anhydride onto polypropylene in the melt. Polymer Engineering and Science, 2006, 46, 1443-1454.	3.1	29
148	Ecological geochemical assessment and source identification of trace elements in atmospheric deposition of an emerging industrial area: Beibu Gulf economic zone. Science of the Total Environment, 2016, 573, 1519-1526.	8.0	29
149	Thermal annealing induced enhancement of electrical properties of a co-continuous polymer blend filled with carbon nanotubes. Composites Science and Technology, 2018, 167, 522-528.	7.8	29
150	Intrinsic quantum anomalous hall effect in a two-dimensional anilato-based lattice. Nanoscale, 2018, 10, 11901-11906.	5.6	29
151	Circular Dichroism Based Chirality Sensing with Supramolecular Hostâ€“Guest Chemistry. Angewandte Chemie - International Edition, 2022, 61, .	13.8	29
152	Stress transfer and damage evolution simulations of fiber-reinforced polymerâ€“matrix composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 425, 178-184.	5.6	28
153	Solid-state dewetting and island morphologies in strongly anisotropic materials. Scripta Materialia, 2016, 115, 123-127.	5.2	28
154	H2S-Responsive Lower Critical Solution Temperature of the Hostâ€“Guest Complex Based on Oxatub[4]arene with Tri(ethylene oxide) Moieties. Organic Letters, 2017, 19, 1212-1215.	4.6	28
155	Stereotactic radiosurgery for brain metastases from newly diagnosed small cell lung cancer: practice patterns and outcomes. Acta OncolÃ³gica, 2019, 58, 491-498.	1.8	28
156	Oriented Assembly of Anisotropic Nanosheets into Ultrathin Flowerlike Superstructures for Energy Storage. ACS Nano, 2021, 15, 2707-2718.	14.6	28
157	A Monte Carlo simulation for the micellization of ABC 3-miktoarm star terpolymers in a selective solvent. Chemical Physics, 2006, 327, 137-143.	1.9	27
158	Fabrication of conductive metallized nanostructures from self-assembled amphiphilic triblock copolymer templates: Nanospheres, nanowires, nanorings. Materials Chemistry and Physics, 2007, 101, 56-62.	4.0	27
159	Fast compositional analysis of ramie using near-infrared spectroscopy. Carbohydrate Polymers, 2010, 81, 937-941.	10.2	27
160	Childhood pesticide poisoning in Zhejiang, China: a retrospective analysis from 2006 to 2015. BMC Public Health, 2017, 17, 602.	2.9	27
161	Oil spill recorded by skeletal Î´13C of Porites corals in Weizhou Island, Beibu Gulf, Northern South China Sea. Estuarine, Coastal and Shelf Science, 2018, 207, 338-344.	2.1	27
162	Magnetic Weyl semimetals with diamond structure realized in spinel compounds. Physical Review B, 2020, 101, .	3.2	27

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