

# Wei Jiang

## List of Publications by Year in descending order

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466  
papers

15,697  
citations

18482

62  
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31849

101  
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473  
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473  
docs citations

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times ranked

16723  
citing authors

#	ARTICLE	IF	CITATIONS
1	3-D Numerical Mode Matching Method for Off-Centered Electromagnetic Well Logging Tools in Noncircular Vertical Borehole and Invasion Zones in Multilayered Media. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	6.3	5
2	Non-dissociative ionization cross section of the electronically excited H <sub>2</sub> and D <sub>2</sub> with atomic-limit principal quantum number $n$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e3324" altimg="si177.svg"} \rangle$ 3 and 4. <i>Atomic Data and Nuclear Data Tables</i> , 2022, 143, 101476.	2.4	3
3	Efficient glycolysis of PET catalyzed by a metal-free phosphazene base: the important role of EG <sup>+</sup> . <i>Green Chemistry</i> , 2022, 24, 1294-1301.	9.0	13
4	Brittle ductile transition of POE toughened HDPE and its lowest rigidity loss: effect of HDPE molecular weight. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	9
5	Bipolar Electric-Field Switching of Perpendicular Magnetic Tunnel Junctions through Voltage-Controlled Exchange Coupling. <i>Nano Letters</i> , 2022, 22, 622-629.	9.1	15
6	Self-consistent simulation of the impedance matching network for single frequency capacitively coupled plasma. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 165201.	2.8	9
7	Hierarchical Colloidosomes and Superlattices via Confined Assembly of Polymer-Tethered Inorganic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2756-2762.	3.1	7
8	Mitochondrial dysfunction by TFAM depletion disrupts self-renewal and lineage differentiation of human PSCs by affecting cell proliferation and YAP response. <i>Redox Biology</i> , 2022, 50, 102248.	9.0	7
9	Mitochondrial homeostasis regulates definitive endoderm differentiation of human pluripotent stem cells. <i>Cell Death Discovery</i> , 2022, 8, 69.	4.7	10
10	Unmanned Aerial Vehicle Target Tracking Based on OTSCKF and Improved Coordinated Lateral Guidance Law. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 188.	2.9	2
11	Rational Design of Caprolactam-Based Deep Eutectic Solvents for Extractive Desulfurization of Diesel Fuel and Mechanism Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4551-4560.	6.7	18
12	On the breakdown process of capacitively coupled plasma in carbon tetrafluoride. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 255203.	2.8	5
13	Circular Dichroism Based Chirality Sensing with Supramolecular Host-Guest Chemistry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	29
14	Nitric Oxide Induces Immunogenic Cell Death and Potentiates Cancer Immunotherapy. <i>ACS Nano</i> , 2022, 16, 3881-3894.	14.6	66
15	Circular Dichroism Based Chirality Sensing with Supramolecular Host-Guest Chemistry. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	9
16	Note on the energy transport in capacitively coupled plasmas. <i>Plasma Sources Science and Technology</i> , 2022, 31, 047001.	3.1	4
17	Numerical characterization of capacitively coupled plasmas modulated by ion beam injection. <i>Plasma Sources Science and Technology</i> , 2022, 31, 045028.	3.1	1
18	Uniform Nanorods with Regioselective Distribution of Inorganic Nanoparticles Templated by 2D Block Copolymer Nanosheets. <i>ACS Macro Letters</i> , 2022, 11, 549-554.	4.8	2

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19	Active endogenous retroviral elements in human pluripotent stem cells play a role in regulating host gene expression. <i>Nucleic Acids Research</i> , 2022, 50, 4959-4973.	14.5	5
20	Methodological framework for materials discovery using machine learning. <i>Physical Review Materials</i> , 2022, 6, .	2.4	3
21	The effects of match circuit on the breakdown process of capacitively coupled plasma driven by radio frequency. <i>Journal of Applied Physics</i> , 2022, 131, 153301.	2.5	6
22	Brittle-ductile transition of elastomer toughened HDPE: effect of elastomer modulus. <i>Journal of Polymer Research</i> , 2022, 29, .	2.4	2
23	Enhancement of voltage controlled magnetic anisotropy (VCMA) through electron depletion. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	6
24	Mechanism of the Significant Acceleration of Polyethylene Terephthalate Glycolysis by Defective Ultrathin ZnO Nanosheets with Heteroatom Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5476-5488.	6.7	15
25	Mixed Finite Element Simulation for Solving Eigenmodes of Cavity Resonators Filled With Both Electric and Magnetic Lossy, Anisotropic Media. <i>IEEE Access</i> , 2022, 10, 48701-48707.	4.2	0
26	Effect of Viscosity on Stopping Power for a Charged Particle Moving above Two-Dimensional Electron Gas. <i>Laser and Particle Beams</i> , 2022, 2022, .	1.0	0
27	Computational study of microdischarges driven by electron beam injection with particle-in-cell/Monte Carlo collision simulations. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	4
28	Switchable bifunctional molecular recognition in water using a pH-responsive Endo-functionalized cavity. <i>Nature Communications</i> , 2022, 13, 2291.	12.8	19
29	Kinetic insights into the effect of promoters on Co/Al <sub>2</sub> O <sub>3</sub> for Fischer-Tropsch synthesis. <i>Chemical Engineering Journal</i> , 2022, 445, 136655.	12.7	13
30	3-D NMM Method for Fully Anisotropic and Nonreciprocal Media. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022, 70, 3428-3441.	4.6	2
31	ZrTe <sub>2</sub> /CrTe <sub>2</sub> : an epitaxial van der Waals platform for spintronics. <i>Nature Communications</i> , 2022, 13, .	12.8	32
32	Network assisted analysis of de novo variants using protein-protein interaction information identified 46 candidate genes for congenital heart disease. <i>PLoS Genetics</i> , 2022, 18, e1010252.	3.5	3
33	Self-assembly of anisotropy gold nanocubes into large area two-dimensional monolayer superlattices. <i>Nanotechnology</i> , 2022, 33, 385601.	2.6	2
34	Enhanced Oxygen Activation Achieved by Robust Single Chromium Atom-Derived Catalysts in Aerobic Oxidative Desulfurization. <i>ACS Catalysis</i> , 2022, 12, 8623-8631.	11.2	78
35	Stabilization of Imines and Hemiaminals in Water by an Endo-Functionalized Container Molecule. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	6
36	An energy-stable parametric finite element method for simulating solid-state dewetting. <i>IMA Journal of Numerical Analysis</i> , 2021, 41, 2026-2055.	2.9	13

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37	Biomimetic Recognition and Optical Sensing of Carboxylic Acids in Water by Using a Buried Salt Bridge and the Hydrophobic Effect. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1929-1935.	13.8	48
38	Surpassing the Organic Cathode Performance for Lithium-Ion Batteries with Robust Fluorinated Covalent Quinazoline Networks. <i>ACS Energy Letters</i> , 2021, 6, 41-51.	17.4	32
39	Biomimetic Recognition and Optical Sensing of Carboxylic Acids in Water by Using a Buried Salt Bridge and the Hydrophobic Effect. <i>Angewandte Chemie</i> , 2021, 133, 1957-1963.	2.0	14
40	A Set of Efficient Methods to Generate High-Dimensional Binary Data With Specified Correlation Structures. <i>American Statistician</i> , 2021, 75, 310-322.	1.6	15
41	Naphthobox: a selective molecular box for planar aromatic cations. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5265-5270.	4.5	6
42	Exotic Topological Bands and Quantum States in Metal-Organic and Covalent-Organic Frameworks. <i>Accounts of Chemical Research</i> , 2021, 54, 416-426.	15.6	82
43	Microenvironment-responsive DNA-conjugated albumin nanocarriers for targeted therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8424-8436.	5.8	4
44	Hierarchical superstructures assembled from pH-responsive gold nanoparticles in deformable emulsion droplets. <i>Chemical Communications</i> , 2021, 57, 10258-10261.	4.1	4
45	Waveguide Superlattice-Based Optical Phased Array. <i>Physical Review Applied</i> , 2021, 15, .	3.8	20
46	Comparison of methods for estimating genetic correlation between complex traits using GWAS summary statistics. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	24
47	Interactions Between Enhanced Polygenic Risk Scores and Lifestyle for Cardiovascular Disease, Diabetes, and Lipid Levels. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003128.	3.6	61
48	Threshold gain of coherently coupled aperiodic lattice Y lasers. <i>Optics Letters</i> , 2021, 46, 1137.	3.3	0
49	Variation of Signal Reflection on Electrodes of Silicon Mach-Zehnder Modulators: Influence of Nanoscale Variation and Mitigation Strategies. <i>Nanomaterials</i> , 2021, 11, 499.	4.1	2
50	Self-Assembly of Polymeric Nanovesicles into Hierarchical Supervesicles and Its Application in Selectable Multicompartmental Encapsulation. <i>Macromolecules</i> , 2021, 54, 1905-1911.	4.8	4
51	Oriented Assembly of Anisotropic Nanosheets into Ultrathin Flowerlike Superstructures for Energy Storage. <i>ACS Nano</i> , 2021, 15, 2707-2718.	14.6	28
52	Linking pluripotency maintenance and early differentiation in human pluripotent stem cells. <i>FASEB Journal</i> , 2021, 35, e21438.	0.5	8
53	Stopping Power Modulation by Pump Waves of Charged Particles Moving above Two-Dimensional Electron Gases. <i>Laser and Particle Beams</i> , 2021, 2021, .	1.0	0
54	Giant Anomalous Hall Effect due to Double-Degenerate Quasiflat Bands. <i>Physical Review Letters</i> , 2021, 126, 106601.	7.8	16

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55	Electrical breakdown in dual-frequency capacitively coupled plasma: a collective simulation. <i>Plasma Sources Science and Technology</i> , 2021, 30, 065029.	3.1	27
56	Derivation of feeder-free human extended pluripotent stem cells. <i>Stem Cell Reports</i> , 2021, 16, 1686-1696.	4.8	15
57	Computational analysis of direct current breakdown process in SF6 at low pressure. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 445201.	2.8	7
58	Effective and Rapid Removal of Polar Organic Micropollutants from Water by Amide Naphthotubeâ€Crosslinked Polymers. <i>Angewandte Chemie</i> , 2021, 133, 21574-21581.	2.0	7
59	Effective and Rapid Removal of Polar Organic Micropollutants from Water by Amide Naphthotubeâ€Crosslinked Polymers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21404-21411.	13.8	42
60	Controlled Synthesis of $\epsilon$ -Lactide Using Sn-Beta Zeolite Catalysts in a One-Step Route. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 13534-13541.	3.7	11
61	Biomimetic Recognition of Quinones in Water by an $\alpha$ -Endo-Functionalized Cavity with Anthracene Sidewalls. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25981-25987.	13.8	24
62	A perimeter-decreasing and area-conserving algorithm for surface diffusion flow of curves. <i>Journal of Computational Physics</i> , 2021, 443, 110531.	3.8	16
63	Self-assembled 3D free-standing superlattices of gold nanoparticles driven by interfacial instability of emulsion droplets. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7306-7314.	5.9	4
64	Hierarchical colloidosomes self-assembled from block copolymer micelles via emulsion interfacial confinement. <i>Nanotechnology</i> , 2021, 33, .	2.6	2
65	CHD8 safeguards early neuroectoderm differentiation in human ESCs and protects from apoptosis during neurogenesis. <i>Cell Death and Disease</i> , 2021, 12, 981.	6.3	9
66	High-frequency magnetotransport in a viscous electron fluid under a Stern-Gerlach force. <i>Physical Review B</i> , 2021, 104, .	3.2	3
67	A high-performance structural material based on maize straws and its biodegradable composites of poly (propylene carbonate). <i>Cellulose</i> , 2021, 28, 11381-11395.	4.9	9
68	M-DATA: A statistical approach to jointly analyzing de novo mutations for multiple traits. <i>PLoS Genetics</i> , 2021, 17, e1009849.	3.5	4
69	A two-stage energy tuning strategy <i>via</i> salt and glycine programmed DNA-engineered crystals. <i>Chemical Communications</i> , 2021, 57, 13578-13581.	4.1	0
70	Molecular recognition and photoprotection of riboflavin in water by a biomimetic host. <i>Chemical Communications</i> , 2021, 57, 13724-13727.	4.1	12
71	Rectangular Cylinders Formed by Compositionally Bidisperse ABC Triblock Terpolymer Blends: A Self-Consistent Field Theory Study. <i>Langmuir</i> , 2021, 37, 14889-14897.	3.5	0
72	Transition Metal-Free Half-Metallicity in Two-Dimensional Gallium Nitride with a Quasi-Flat Band. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 12150-12156.	4.6	3

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73	BCS-BEC crossover of ultracold ions driven by density-dependent short-range interactions in a quantum plasma. <i>Physical Review A</i> , 2021, 104, .	2.5	0
74	The basement and volcanic activities of the Xisha Islands: Evidence from the kilometre-scale drilling in the northwestern South China Sea. <i>Geological Journal</i> , 2020, 55, 571-583.	1.3	19
75	Preparation of chlorinated poly(propylene carbonate) and its effects on the mechanical properties of poly(propylene carbonate)/starch blends as a compatibilizer. <i>Polymer Bulletin</i> , 2020, 77, 1327-1342.	3.3	5
76	Natural sunlight-actuated shape memory materials with reversible shape change and self-healing abilities based on carbon nanotubes filled conductive polymer composites. <i>Chemical Engineering Journal</i> , 2020, 382, 122823.	12.7	60
77	A 2,3-dialkoxynaphthalene-based naphthocage. <i>Chemical Communications</i> , 2020, 56, 888-891.	4.1	11
78	Hierarchical self-assembly of a PS- <i>b</i> -P4VP/PS- <i>b</i> -PNIPAM mixture into multicompart ment micelles and their response to two-dimensional confinement. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1194-1203.	2.8	10
79	Naphthotubes: Macrocyclic Hosts with a Biomimetic Cavity Feature. <i>Accounts of Chemical Research</i> , 2020, 53, 198-208.	15.6	148
80	Pseudoneutrophil Cytokine Sponges Disrupt Myeloid Expansion and Tumor Trafficking to Improve Cancer Immunotherapy. <i>Nano Letters</i> , 2020, 20, 242-251.	9.1	53
81	Three Numerical Eigensolvers for 3-D Cavity Resonators Filled With Anisotropic and Nonconductive Media. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020, 68, 4506-4514.	4.6	5
82	A Green and Wide-Scope Approach for Chiroptical Sensing of Organic Molecules through Biomimetic Recognition in Water. <i>Angewandte Chemie</i> , 2020, 132, 24025-24032.	2.0	21
83	Adsorptive Separation of Benzene, Cyclohexene, and Cyclohexane by Amorphous Nonporous Amide Naphthotube Solids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19945-19950.	13.8	60
84	Redox-Responsive Host-Guest Chemistry of a Flexible Cage with Naphthalene Walls. <i>Journal of the American Chemical Society</i> , 2020, 142, 3306-3310.	13.7	35
85	Pluripotent stem cell differentiation as an emerging model to study human prostate development. <i>Stem Cell Research and Therapy</i> , 2020, 11, 285.	5.5	5
86	Sharp-Interface Model for Simulating Solid-State Dewetting in Three Dimensions. <i>SIAM Journal on Applied Mathematics</i> , 2020, 80, 1654-1677.	1.8	18
87	Optical control of ferroelectric switching and multifunctional devices based on van der Waals ferroelectric semiconductors. <i>Nanoscale</i> , 2020, 12, 23488-23496.	5.6	49
88	Effect of Stern-Gerlach force on negative magnetoresistance and Hall resistance in spin-dependent viscous flow. <i>Physical Review B</i> , 2020, 102, .	3.2	3
89	Adsorptive Separation of Benzene, Cyclohexene, and Cyclohexane by Amorphous Nonporous Amide Naphthotube Solids. <i>Angewandte Chemie</i> , 2020, 132, 20117-20122.	2.0	8
90	GATA6-AS1 Regulates GATA6 Expression to Modulate Human Endoderm Differentiation. <i>Stem Cell Reports</i> , 2020, 15, 694-705.	4.8	21

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91	XRCC1 promotes replication restart, nascent fork degradation and mutagenic DNA repair in BRCA2-deficient cells. <i>NAR Cancer</i> , 2020, 2, zcaa013.	3.1	36
92	Integrative Analysis of Regulatory Module Reveals Associations of Microgravity with Dysfunctions of Multi-body Systems and Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7585.	4.1	5
93	Ultra-Broadband, Fabrication Tolerant Optical Coupler for Arbitrary Splitting Ratio Using Particle Swarm Optimization Algorithm. <i>IEEE Photonics Journal</i> , 2020, 12, 1-12.	2.0	9
94	Stabilization of the Closedâ€Ring Isomer of Spiropyran by Amide Naphthotube in Water and Its Application in Nakedâ€Eye Detection of Toxic Paraoxon. <i>ChemPhysChem</i> , 2020, 21, 2249-2253.	2.1	5
95	A Green and Wideâ€Scope Approach for Chiroptical Sensing of Organic Molecules through Biomimetic Recognition in Water. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23817-23824.	13.8	43
96	Self-assembly of gold nanocubes into three-dimensional hollow colloidosomes and two-dimensional superlattices. <i>Chemical Communications</i> , 2020, 56, 12737-12740.	4.1	11
97	Hierarchical Colloidosomes with a Highly Ordered and Oriented Arrangement of Gold Nanorods via Confined Assembly at the Emulsion Interface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20458-20468.	3.1	10
98	Ferromagnetic phase of the spinel compound $\text{MgV}_2\text{O}_4$ and its spintronics properties. <i>Physical Review B</i> , 2020, 102, .	3.2	6
99	A Relative Radiation Normalization Method of ISS Nighttime Light Images Based on Pseudo Invariant Features. <i>Remote Sensing</i> , 2020, 12, 3349.	4.0	6
100	A supramolecular system that strictly follows the binding mechanism of conformational selection. <i>Nature Communications</i> , 2020, 11, 2740.	12.8	42
101	Poly(lactic Acid) Nonwoven Fabric Surface Modified with Stereocomplex Crystals for Recyclable Use in Oil/Water Separation. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2509-2516.	4.4	30
102	Conformationally adaptive macrocycles with flipping aromatic sidewalls. <i>Chemical Society Reviews</i> , 2020, 49, 4176-4188.	38.1	73
103	The effect of pressure-induced Mg <sub>64</sub> Zn <sub>15</sub> Y <sub>21</sub> phase on the mechanical properties of Mgâ€Znâ€Y alloy. <i>Journal of Alloys and Compounds</i> , 2020, 840, 155682.	5.5	8
104	ncRI: a manually curated database for experimentally validated non-coding RNAs in inflammation. <i>BMC Genomics</i> , 2020, 21, 380.	2.8	8
105	Magnetic Weyl semimetals with diamond structure realized in spinel compounds. <i>Physical Review B</i> , 2020, 101, .	3.2	27
106	Prismaren: Ein neues Naphtholâ€basiertes makrozyklisches Aren. <i>Angewandte Chemie</i> , 2020, 132, 15926-15928.	2.0	2
107	Prismarene: An Emerging Naphtholâ€Based Macrocyclic Arene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15794-15796.	13.8	23
108	Nanostructure Control of a Regioregular Poly(3-alkylthiophene) Using an Oligopeptide Side Chain. <i>Macromolecules</i> , 2020, 53, 6087-6098.	4.8	2

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109	Polyphosphoestered Nanomedicines with Tunable Surface Hydrophilicity for Cancer Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 32312-32320.	8.0	10
110	Protein Binding Affinity of Polymeric Nanoparticles as a Direct Indicator of Their Pharmacokinetics. <i>ACS Nano</i> , 2020, 14, 3563-3575.	14.6	52
111	Discharge Enhancement Phenomenon and Streamer Control in Dielectric Barrier Discharge with Many Pores. <i>Catalysts</i> , 2020, 10, 68.	3.5	5
112	A Parametric Finite Element Method for Solid-State Dewetting Problems in Three Dimensions. <i>SIAM Journal of Scientific Computing</i> , 2020, 42, B327-B352.	2.8	21
113	Topological Band Engineering of Lieb Lattice in Phthalocyanine-Based Metal-Organic Frameworks. <i>Nano Letters</i> , 2020, 20, 1959-1966.	9.1	43
114	Mono-functionalized derivatives and revised configurational assignment of amide naphthotubes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1900-1909.	2.8	21
115	Leveraging effect size distributions to improve polygenic risk scores derived from summary statistics of genome-wide association studies. <i>PLoS Computational Biology</i> , 2020, 16, e1007565.	3.2	32
116	Impact of different packing beads methods for streamer generation and propagation in packed-bed dielectric barrier discharge. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 185202.	2.8	16
117	Efficient Synthesis of Lactide with Low Racemization Catalyzed by Sodium Bicarbonate and Zinc Lactate. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2865-2873.	6.7	21
118	Synergistic effect of dual Brønsted acidic deep eutectic solvents for oxidative desulfurization of diesel fuel. <i>Chemical Engineering Journal</i> , 2020, 394, 124831.	12.7	123
119	Rapid identification of plant- and chemical-dyed cotton fabrics using the near-infrared technique. <i>Textile Research Journal</i> , 2020, 90, 2275-2283.	2.2	7
120	Volumetric Properties for the Binding of 1,4-Dioxane to Amide Naphthotubes in Water. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9175-9181.	2.6	5
121	Xolik: finding cross-linked peptides with maximum paired scores in linear time. <i>Bioinformatics</i> , 2019, 35, 251-257.	4.1	16
122	Information Services of Big Remote Sensing Data. <i>Lecture Notes in Computer Science</i> , 2019, , 16-31.	1.3	0
123	Physical DC Modes in the Microwave Resonator With Complex Geometric Topology. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-7.	2.1	2
124	Unexpected solvent effect on the binding of positively-charged macrocycles to neutral aromatic hydrocarbons. <i>Chemical Communications</i> , 2019, 55, 10924-10927.	4.1	5
125	Enhancing the stability of single-stranded DNA on gold nanoparticles as molecular machines through salt and acid regulation. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5554-5562.	5.8	8
126	Biomimetic Synchronized Motion of Two Interacting Macrocycles in [3]Rotaxane-Based Molecular Shuttles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15136-15141.	13.8	32



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127	Molecular recognition of organophosphorus compounds in water and inhibition of their toxicity to acetylcholinesterase. <i>Chemical Communications</i> , 2019, 55, 9797-9800.	4.1	23
128	Nanoclustered Cascaded Enzymes for Targeted Tumor Starvation and Deoxygenation-Activated Chemotherapy without Systemic Toxicity. <i>ACS Nano</i> , 2019, 13, 8890-8902.	14.6	111
129	Epigenetic Regulation of Transition Among Different Pluripotent States: Concise Review. <i>Stem Cells</i> , 2019, 37, 1372-1380.	3.2	24
130	Computational characterization of electron-beam-sustained plasma. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	7
131	Controlled morphological transition of ABC triblock copolymer aided by oleic acid via hydrogen bonding. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 581, 123839.	4.7	4
132	Biomimetic Synchronized Motion of Two Interacting Macrocycles in [3]Rotaxane-Based Molecular Shuttles. <i>Angewandte Chemie</i> , 2019, 131, 15280-15285.	2.0	16
133	Effect of end-grafted PEG conformation on the hemocompatibility of poly(styrene- <i>b</i> -(ethylene-co-butylene)- <i>b</i> -styrene). <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1670-1685.	3.5	10
134	Performance of Several Cobalt-Amine Denitration Solutions and Their Catalytic Regeneration by Graphene. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11904-11912.	10.0	7
135	Near-Infrared II Phototherapy Induces Deep Tissue Immunogenic Cell Death and Potentiates Cancer Immunotherapy. <i>ACS Nano</i> , 2019, 13, 11967-11980.	14.6	251
136	Dichotomy between frustrated local spins and conjugated electrons in a two-dimensional metal-organic framework. <i>Nanoscale</i> , 2019, 11, 955-961.	5.6	34
137	The regeneration of Fe-EDTA denitration solutions by nanoscale zero-valent iron. <i>RSC Advances</i> , 2019, 9, 132-138.	3.6	13
138	Stereotactic radiosurgery for brain metastases from newly diagnosed small cell lung cancer: practice patterns and outcomes. <i>Acta Oncologica</i> , 2019, 58, 491-498.	1.8	28
139	Mechanical and slow-released property of poly(acrylamide) hydrogel reinforced by diatomite. <i>Materials Science and Engineering C</i> , 2019, 99, 315-321.	7.3	45
140	Sharp-interface approach for simulating solid-state dewetting in two dimensions: A Cahn-Hoffman $\frac{1}{4}$ -vector formulation. <i>Physica D: Nonlinear Phenomena</i> , 2019, 390, 69-83.	2.8	18
141	Antifouling and Antibacterial Properties Constructed by Quaternary Ammonium and Benzyl Ester Derived from Lysine Methacrylamide. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 25556-25568.	8.0	36
142	Giant Enhancement of Photoluminescence Emission in WS <sub>2</sub> -Two-Dimensional Perovskite Heterostructures. <i>Nano Letters</i> , 2019, 19, 4852-4860.	9.1	72
143	Neoadjuvant stereotactic body radiation therapy for nonmetastatic pancreatic adenocarcinoma. <i>Acta Oncologica</i> , 2019, 58, 1259-1266.	1.8	19
144	Well-Ordered Inorganic Nanoparticle Arrays Directed by Block Copolymer Nanosheets. <i>ACS Nano</i> , 2019, 13, 6638-6646.	14.6	96

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