

# Wei Han

## List of Publications by Year in descending order

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197  
papers

8,727  
citations

38742

50  
h-index

49909

87  
g-index

198  
all docs

198  
docs citations

198  
times ranked

9883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Refractive index sensing and filtering characteristics of micro-channels photonic crystal fiber. Journal of Optics (India), 2023, 52, 23-32.	1.7	2
2	MXene-Bonded hollow MoS <sub>2</sub> /Carbon sphere strategy for high-performance flexible sodium ion storage. Chemical Engineering Journal, 2022, 430, 132755.	12.7	49
3	Self-assembled Cobalt-doped NiMn-layered double hydroxide (LDH)/V <sub>2</sub> CT MXene hybrids for advanced aqueous electrochemical energy storage properties. Chemical Engineering Journal, 2022, 430, 132992.	12.7	53
4	Ferroelectric Materials for Solar Energy Scavenging and Photodetectors. Advanced Optical Materials, 2022, 10, 2101741.	7.3	18
5	The origin of capacity fluctuation and rescue of dead Mn-based Zn <sup>2+</sup> ion batteries: a Mn-based competitive capacity evolution protocol. Energy and Environmental Science, 2022, 15, 1106-1118.	30.8	124
6	Anodic Dissolution Behavior of Al-Y Alloy in LiCl-KCl Eutectic and Its Passivation Inhibited Aided by LiF. Journal of the Electrochemical Society, 2022, 169, 021504.	2.9	1
7	MXene/ZIF-67/PAN Nanofiber Film for Ultra-sensitive Pressure Sensors. ACS Applied Materials & Interfaces, 2022, 14, 12367-12374.	8.0	38
8	Zonal Asymmetry of the Stratopause in the 2019/2020 Arctic Winter. Remote Sensing, 2022, 14, 1496.	4.0	4
9	Ultrafine Sb <sub>2</sub> S <sub>3</sub> @carbon-nanofibers for fast and stable sodium storage. Electrochimica Acta, 2022, 411, 140067.	5.2	16
10	Tissue-Like Sodium Alginate-Coated 2D MXene-Based Flexible Temperature Sensors for Full-Range Temperature Monitoring. Advanced Materials Technologies, 2022, 7, .	5.8	9
11	Chemically Modified Silk Fibroin Hydrogel for Environment-stable Electronic Skin. Sensors and Actuators Reports, 2022, 4, 100089.	4.4	9
12	Hierarchical MXene@ZIF-67 Film Based High Performance Tactile Sensor with Large Sensing Range from Motion Monitoring to Sound Wave Detection. Advanced Materials Technologies, 2022, 7, .	5.8	14
13	Anodic dissolution behavior of Zr alloy in LiCl-KCl molten salt. International Journal of Energy Research, 2022, 46, 12173-12183.	4.5	3
14	Rossby Waves in Total Ozone over the Arctic in 2000-2021. Remote Sensing, 2022, 14, 2192.	4.0	4
15	Anchored SnS nanorods based on a carbon-enhanced Nb <sub>2</sub> CTx three-dimensional nanoflower framework achieve stable, high capacity Na-ion storage. Applied Surface Science, 2022, 597, 153598.	6.1	7
16	The Annual Cycle in Mid-Latitude Stratospheric and Mesospheric Ozone Associated with Quasi-Stationary Wave Structure by the MLS Data 2011-2020. Remote Sensing, 2022, 14, 2309.	4.0	1
17	Electrochemical Behaviour and Chemical Species of Sm(II) in AlCl <sub>3</sub> -NaCl with Different Lewis Acidity. Chemistry - A European Journal, 2022, 28, .	3.3	3
18	TiVCT MXene/Chalcogenide Heterostructure-Based High-Performance Magnesium Ion Battery as Flexible Integrated Units. Small, 2022, 18, .	10.0	44

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19	Recent advances in energy storage mechanism of aqueous zinc-ion batteries. Journal of Energy Chemistry, 2021, 54, 712-726.	12.9	211
20	Tunable agglomeration of Co <sub>3</sub> O <sub>4</sub> nanowires as the growing core for in-situ formation of Co <sub>2</sub> NiO <sub>4</sub> assembled with polyaniline-derived carbonaceous fibers as the high-performance asymmetric supercapacitors. Journal of Alloys and Compounds, 2021, 853, 157210.	5.5	47
21	Nitrogen/sulphur dual-doped hierarchical carbonaceous fibers boosting potassium-ion storage. Journal of Energy Chemistry, 2021, 55, 420-427.	12.9	41
22	Protective effects of two food hydrocolloids on dental erosion: Nanomechanical properties and microtribological behavior study. Friction, 2021, 9, 356-366.	6.4	4
23	Uncover the mystery of high-performance aqueous zinc-ion batteries constructed by oxygen-doped vanadium nitride cathode: Cationic conversion reaction works. Energy Storage Materials, 2021, 35, 679-686.	18.0	63
24	A Flexible Humidity Sensor Based on Natural Biocompatible Silk Fibroin Films. Advanced Materials Technologies, 2021, 6, .	5.8	39
25	Studies on the thermal stability of nanosized powder of WC <sub>1-x</sub> -based product prepared by plasma dynamic method, compaction feasibility of the powder and preparation of composite with aluminium. Ceramics International, 2021, 47, 6884-6895.	4.8	11
26	Boosting alkaline hydrogen evolution performance of Co <sub>4</sub> N porous nanowires by interface engineering of CeO <sub>2</sub> tuning. Journal of Materials Chemistry A, 2021, 9, 1655-1662.	10.3	37
27	Effects of low doping on the improvement of cathode materials Na <sub>3</sub> V <sub>2</sub> M <sub>x</sub> (PO <sub>4</sub> ) <sub>3</sub> (M = Co <sup>2+</sup> , Cu <sup>2+</sup> ; $x = 0.01 \sim 0.05$ ) for SIBs. Journal of Materials Chemistry A, 2021, 9, 17380-17389.	10.3	24
28	An Analytic Algorithm for Dipole Electromagnetic Field in Fully Anisotropic Planar-Stratified Media. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9120-9131.	6.3	6
29	Electrode reaction of Pr on Sn electrode and its electrochemical recovery from LiCl-KCl molten salt. International Journal of Energy Research, 2021, 45, 8577-8592.	4.5	11
30	Controlled Assembly of MXene Nanosheets as an Electrode and Active Layer for High-Performance Electronic Skin. Advanced Functional Materials, 2021, 31, 2010533.	14.9	143
31	Highly conductive Co <sub>3</sub> Se <sub>4</sub> embedded in N-doped 3D interconnected carbonaceous network for enhanced lithium and sodium storage. Journal of Colloid and Interface Science, 2021, 586, 630-639.	9.4	27
32	Planetary Wave Spectrum in the Stratosphere-Mesosphere during Sudden Stratospheric Warming 2018. Remote Sensing, 2021, 13, 1190.	4.0	5
33	Carbon-Reinforced Nb <sub>2</sub> CT <sub>x</sub> MXene/MoS <sub>2</sub> Nanosheets as a Superior Rate and High-Capacity Anode for Sodium-Ion Batteries. ACS Nano, 2021, 15, 7439-7450.	14.6	203
34	Flexible Self-Powered Integrated Sensing System with 3D Periodic Ordered Black Phosphorus@MXene Thin Films. Advanced Materials, 2021, 33, e2007890.	21.0	127
35	Strongly Coupled 2D Transition Metal Chalcogenide-MXene-Carbonaceous Nanoribbon Heterostructures with Ultrafast Ion Transport for Boosting Sodium/Potassium Ions Storage. Nano-Micro Letters, 2021, 13, 113.	27.0	100
36	Hybridized nanogenerators for effectively scavenging mechanical and solar energies. IScience, 2021, 24, 102415.	4.1	13

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37	High-mass loading V <sub>3</sub> O <sub>7</sub> ·H <sub>2</sub> O nanoarray for Zn-ion battery: New synthesis and two-stage ion intercalation chemistry. <i>Nano Energy</i> , 2021, 83, 105835.	16.0	100
38	Self-Powered Smart Pressure Sensors: Flexible Self-Powered Integrated Sensing System with 3D Periodic Ordered Black Phosphorus@MXene Thin-Films ( <i>Adv. Mater.</i> 22/2021). <i>Advanced Materials</i> , 2021, 33, 2170174.	21.0	4
39	Palladium nanoparticles embedded in microporous carbon as electrocatalysts for water splitting in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 21462-21474.	7.1	17
40	Highly-stable polymer-crosslinked 2D MXene-based flexible biocompatible electronic skins for in vivo biomonitoring. <i>Nano Energy</i> , 2021, 84, 105921.	16.0	104
41	Oxidized Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> film-based high-performance flexible pressure sensors. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 384002.	2.8	3
42	Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Conductive Layers Supported Bio-Derived Fe <sub>1-x</sub> Se <sub>x</sub> /MXene/Carbonaceous Nanoribbons for High-Performance Half/Full Sodium-Ion and Potassium-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2101535.	21.0	128
43	Purification of spent electrolyte by sequential precipitation method and its on-line monitoring. <i>Ionics</i> , 2021, 27, 4829-4838.	2.4	5
44	Mid-Latitude Mesospheric Zonal Wave 1 and Wave 2 in Recent Boreal Winters. <i>Remote Sensing</i> , 2021, 13, 3749.	4.0	2
45	Assembling Co <sub>3</sub> O <sub>4</sub> Nanoparticles into MXene with Enhanced electrochemical performance for advanced asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 109-118.	9.4	72
46	Knitted Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene based fiber strain sensor for human-computer interaction. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 643-649.	9.4	42
47	Microbe-Assisted Assembly of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene on Fungi-Derived Nanoribbon Heterostructures for Ultrastable Sodium and Potassium Ion Storage. <i>ACS Nano</i> , 2021, 15, 3423-3433.	14.6	158
48	Electrochemical Recovering Zr from Molten Salt Using an Fe Electrode. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17393-17402.	6.7	12
49	Comparative analysis of Co <sub>9</sub> S <sub>8</sub> /S-doped rGO composites as high-performance electrodes via facile one-step anneal fabrication for supercapacitor application. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152448.	5.5	13
50	MOF-derived nitrogen-doped CoO@CoP arrays as bifunctional electrocatalysts for efficient overall water splitting. <i>Electrochimica Acta</i> , 2020, 330, 135210.	5.2	64
51	An Analytic Algorithm for Electromagnetic Field in Planar-Stratified Biaxial Anisotropic Formation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 1644-1653.	6.3	12
52	Efficient and rapid removal of Pb <sup>2+</sup> from water by magnetic Fe <sub>3</sub> O <sub>4</sub> @MnO <sub>2</sub> core-shell nanoflower attached to carbon microtube: Adsorption behavior and process study. <i>Journal of Colloid and Interface Science</i> , 2020, 563, 218-228.	9.4	53
53	Superior full battery performance of tunable hollow N-Doped carbonaceous fibers encapsulating Ni <sub>3</sub> S <sub>2</sub> nanocrystals with enhanced Li/Na storage. <i>Electrochimica Acta</i> , 2020, 332, 135446.	5.2	23
54	Ultraviolet-Assisted Construction of Nitrogen-Rich Ag@Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene for Highly Efficient Hydrogen Evolution Electrocatalysis and Supercapacitor. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001449.	3.7	31

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55	Biomimetic, biocompatible and robust silk Fibroin-MXene film with stable 3D cross-link structure for flexible pressure sensors. Nano Energy, 2020, 78, 105252.	16.0	153
56	Bi(nanoparticles)/CN <sub>x</sub> (nanosheets) nanocomposites as high capacity and stable electrode materials for supercapacitors: the role of urea. Dalton Transactions, 2020, 49, 12197-12209.	3.3	11
57	Self-Powered Wireless Monitoring of Obstacle Position and State in Gas Pipe via Flow-Driven Triboelectric Nanogenerators. Advanced Materials Technologies, 2020, 5, 2000466.	5.8	23
58	Improved path flux analysis mechanism reduction method for high and low temperature oxidation of hydrocarbon fuels. Combustion Theory and Modelling, 2020, 24, 1090-1107.	1.9	5
59	Highly flexible free-standing Sb/Sb <sub>2</sub> O <sub>3</sub> @N-doped carbon nanofiber membranes for sodium ion batteries with excellent stability. Sustainable Energy and Fuels, 2020, 4, 5732-5738.	4.9	14
60	Comparison of Major Sudden Stratospheric Warming Impacts on the Mid-Latitude Mesosphere Based on Local Microwave Radiometer CO Observations in 2018 and 2019. Remote Sensing, 2020, 12, 3950.	4.0	8
61	Lithium-Sulfur Batteries: Ultrafine Co <sub>3</sub> Se <sub>4</sub> Nanoparticles in Nitrogen-Doped 3D Carbon Matrix for High-Stable and Long-Cycle-Life Lithium Sulfur Batteries (Adv. Energy Mater. 19/2020). Advanced Energy Materials, 2020, 10, 2070088.	19.5	4
62	Highly Stable Cross-Linked Cationic Polyacrylamide/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Nanocomposites for Flexible Ammonia Recognition Devices. Advanced Materials Technologies, 2020, 5, 2000248.	5.8	56
63	A Self-Healable Bifunctional Electronic Skin. ACS Applied Materials & Interfaces, 2020, 12, 24339-24347.	8.0	58
64	Na <sub>4</sub> Ni <sub>3</sub> P <sub>4</sub> O <sub>15</sub> ·nH <sub>2</sub> O core-shell nanoparticles as hybrid electrocatalysts for the oxygen evolution reaction in alkaline electrolytes. Dalton Transactions, 2020, 49, 8226-8237.	3.3	12
65	Hierarchical nickel cobalt sulfide nanosheet arrays supported on CuO/Cu hybrid foams as a rationally designed core-shell dendrite electrocatalyst for an efficient oxygen evolution reaction. Sustainable Energy and Fuels, 2020, 4, 4039-4045.	4.9	11
66	Hydrophobic and Stable MXene-Polymer Pressure Sensors for Wearable Electronics. ACS Applied Materials & Interfaces, 2020, 12, 15362-15369.	8.0	161
67	Hardening the surface of metals with WC <sub>1-x</sub> coatings deposited by high-speed plasma spraying. Surface and Coatings Technology, 2020, 389, 125639.	4.8	12
68	Ultrafine Co <sub>3</sub> Se <sub>4</sub> Nanoparticles in Nitrogen-Doped 3D Carbon Matrix for High-Stable and Long-Cycle-Life Lithium Sulfur Batteries. Advanced Energy Materials, 2020, 10, 1904273.	19.5	141
69	Synthesis of molybdenum carbide catalyst by DC arc plasma in ambient air for hydrogen evolution. Materials Chemistry and Physics, 2020, 254, 123509.	4.0	9
70	Highly Flexible Fabric-Based Organic Light-Emitting Devices for Conformal Wearable Displays. Advanced Materials Technologies, 2020, 5, 1900942.	5.8	20
71	Scheelite-related M <sub>1-x</sub> Bi <sub>x</sub> V <sub>1-x</sub> Mo <sub>x</sub> O <sub>4</sub> (M <sup>II</sup> = Ca, Sr) solid solution-based photoanodes for enhanced photoelectrochemical water oxidation. Dalton Transactions, 2020, 49, 2345-2355.	3.3	3
72	Electrode reaction of Pr(III) and coreduction of Pr(III) and Pb(II) on W electrode in eutectic LiCl-KCl. Ionics, 2020, 26, 3901-3909.	2.4	10

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73	Composite material WC <sub>1-x</sub> @C as a noble-metal-economic material for hydrogen evolution reaction. Journal of Alloys and Compounds, 2020, 834, 155116.	5.5	19
74	3D Chemical Cross-Linking Structure of Black Phosphorus@CNTs Hybrid as a Promising Anode Material for Lithium Ion Batteries. Advanced Functional Materials, 2020, 30, 1909372.	14.9	92
75	Electroreduction of Dy(III) assisted by Zn and its co-deposition with Zn(II) in LiCl-KCl molten salt. Applied Organometallic Chemistry, 2020, 34, e5817.	3.5	8
76	Biocompatible and Biodegradable Functional Polysaccharides for Flexible Humidity Sensors. Research, 2020, 2020, 8716847.	5.7	46
77	High-performance flexible sensing devices based on polyaniline/MXene nanocomposites. Information Materials, 2019, 1, 407-416.	17.3	310
78	Water-proof and thermally inert flexible pressure sensors based on zero temperature coefficient of resistance hybrid films. Journal of Materials Chemistry C, 2019, 7, 9648-9654.	5.5	20
79	Bioinspired Interlocked Structure-Induced High Deformability for Two-Dimensional Titanium Carbide (MXene)/Natural Microcapsule-Based Flexible Pressure Sensors. ACS Nano, 2019, 13, 9139-9147.	14.6	308
80	Printable Ta Substrate with High Stability and Enhanced Interface Adhesion for Flexible Supercapacitor Performance Improvement. Advanced Materials Technologies, 2019, 4, 1900338.	5.8	5
81	A Highly Conductive MOF of Graphene Analogue Ni <sub>3</sub> (HITP) <sub>2</sub> as a Sulfur Host for High-Performance Lithium-Sulfur Batteries. Small, 2019, 15, e1902605.	10.0	136
82	An Analytic Algorithm to Solve Electromagnetic Field in Planar-stratified Biaxial Anisotropic Medium. , 2019, , .		0
83	Lithium-Sulfur Batteries: A Highly Conductive MOF of Graphene Analogue Ni <sub>3</sub> (HITP) <sub>2</sub> as a Sulfur Host for High-Performance Lithium-Sulfur Batteries (Small 44/2019). Small, 2019, 15, 1970240.	10.0	7
84	Calculation of Tilted Coil Voltage in Cylindrically Multilayered Medium. , 2019, , .		0
85	Hierarchical core-shell structural NiMoO <sub>4</sub> @NiS <sub>2</sub> /MoS <sub>2</sub> nanowires fabricated via an in situ sulfurization method for high performance asymmetric supercapacitors. Journal of Materials Chemistry A, 2019, 7, 21759-21765.	10.3	125
86	Electrochemical properties of yttrium on W and Pb electrodes in LiCl-KCl eutectic melts. RSC Advances, 2019, 9, 26718-26728.	3.6	19
87	Self-assembled CdS quantum dots in carbon nanotubes: induced polysulfide trapping and redox kinetics enhancement for improved lithium-sulfur battery performance. Journal of Materials Chemistry A, 2019, 7, 806-815.	10.3	72
88	Electrochemical Co-reduction of Bi(III) and Y(III) and Extracting Yttrium from Molten LiCl-KCl Using Liquid Bi as Cathode. Chemical Research in Chinese Universities, 2019, 35, 60-64.	2.6	7
89	Metal Sulfides@Carbon Microfiber Networks for Boosting Lithium Ion/Sodium Ion Storage via a General Metal-Aspergillus niger Bioleaching Strategy. ACS Applied Materials & Interfaces, 2019, 11, 8072-8080.	8.0	58
90	Highly efficient removal of Pb <sup>2+</sup> by a sandwich structure of metal-organic framework/GO composite with enhanced stability. New Journal of Chemistry, 2019, 43, 1032-1037.	2.8	55

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91	Mn-Doped Ni/Co LDH Nanosheets Grown on the Natural N-Dispersed PANI-Derived Porous Carbon Template for a Flexible Asymmetric Supercapacitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10699-10707.	6.7	113
92	Optimizing giant dielectric properties via interface composition: A study of rutile-based ceramics. <i>Ceramics International</i> , 2019, 45, 17705-17714.	4.8	5
93	Red phosphorus decorated and doped TiO <sub>2</sub> nanofibers for efficient photocatalytic hydrogen evolution from pure water. <i>Applied Catalysis B: Environmental</i> , 2019, 255, 117764.	20.2	151
94	Polymer Grafted Aluminum Nanoparticles for Percolative Composite Films with Enhanced Compatibility. <i>Polymers</i> , 2019, 11, 638.	4.5	4
95	Acupuncture-induced differentiation of stem cells into neuron-like cells in patients with spinal cord injuries. <i>Acupuncture in Medicine</i> , 2019, 37, 136-138.	1.0	0
96	Polyimide/Graphene Nanocomposite Foam-Based Wind-Driven Triboelectric Nanogenerator for Self-Powered Pressure Sensor. <i>Advanced Materials Technologies</i> , 2019, 4, 1800723.	5.8	86
97	Excitation of Trapped Modes in a Lattice of Dielectric Particles. , 2019, , .		0
98	Experimental Observation of Toroidal Dipole Modes in All-Dielectric Metasurfaces. <i>Advanced Optical Materials</i> , 2019, 7, 1801166.	7.3	71
99	A facile synthesis of self-assembling reduced graphene oxide/cobalt carbonate hydroxide papers for high-performance supercapacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 159-166.	2.2	9
100	Genus <i>Tetradium</i> L.: A comprehensive review on traditional uses, phytochemistry, and pharmacological activities. <i>Journal of Ethnopharmacology</i> , 2019, 231, 337-354.	4.1	38
101	An insight into the polarization mechanism of rutile based oxides with a wide doping levels in the TiO <sub>2</sub> -CuO-TaO <sub>2.5</sub> ternary system. <i>Journal of Alloys and Compounds</i> , 2019, 780, 8-16.	5.5	6
102	Extraction of gadolinium on Cu electrode from LiCl-KCl melts by formation of Cu-Gd alloys. <i>Ionics</i> , 2019, 25, 1897-1909.	2.4	9
103	Lignans from <i>Schisandra chinensis</i> rattan stems suppresses primary A $\beta$ <sup>1-42</sup> -induced microglia activation via NF- $\kappa$ B/MAPK signaling pathway. <i>Natural Product Research</i> , 2019, 33, 2726-2729.	1.8	14
104	Synthesis and characterization of [Cu(N-Melm) <sub>4</sub> (BF <sub>4</sub> ) <sub>2</sub> ] in ionic liquid. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 8-12.	2.6	6
105	Electrolytic extraction of dysprosium and thermodynamic evaluation of Cu-Dy intermetallic compound in eutectic LiCl-KCl. <i>RSC Advances</i> , 2018, 8, 8118-8129.	3.6	17
106	Electrochemical co-reduction of Y(III) and Zn(II) and extraction of yttrium on Zn electrode in LiCl-KCl eutectic melts. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2435-2444.	2.5	24
107	Core-shell structural PANI-derived carbon@Co-Ni LDH electrode for high-performance asymmetric supercapacitors. <i>Sustainable Energy and Fuels</i> , 2018, 2, 1350-1355.	4.9	64
108	Bioresponsive and near infrared photon co-enhanced cancer theranostic based on upconversion nanocapsules. <i>Chemical Science</i> , 2018, 9, 3233-3247.	7.4	75

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109	Electrochemical behaviour of magnesium(II) on Ni electrode in LiCl-KCl eutectic. Chemical Research in Chinese Universities, 2018, 34, 107-112.	2.6	5
110	High performance all-solid-state flexible supercapacitor for wearable storage device application. Chemical Engineering Journal, 2018, 345, 186-195.	12.7	88
111	Fiber gas sensor-integrated smart face mask for room-temperature distinguishing of target gases. Nano Research, 2018, 11, 511-519.	10.4	75
112	Recent Advances in Flexible/Stretchable Supercapacitors for Wearable Electronics. Small, 2018, 14, e1702829.	10.0	208
113	CoO <sub>x</sub> (OH) <sub>y</sub> /C nanocomposites <i>in situ</i> derived from Na <sub>4</sub> Co <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> P <sub>2</sub> O <sub>7</sub> as sustainable electrocatalysts for water splitting. Dalton Transactions, 2018, 47, 15703-15713.	3.3	24
114	Efficient Excitation of a Toroidal Dipole Mode in All-Dielectric Quadrumer Clusters. , 2018, , .		0
115	Axial Toroidal Dipole Modes in All- Dielectric Trimer Metasurfaces. , 2018, , .		2
116	Thermally Reduced Graphene/MXene Film for Enhanced Li-ion Storage. Chemistry - A European Journal, 2018, 24, 18556-18563.	3.3	65
117	The kinetics process of a Pb( <sup>ii</sup> )/Pb(0) couple and selective fabrication of Li-Pb alloys in LiCl-KCl melts. RSC Advances, 2018, 8, 30530-30538.	3.6	14
118	A novel strategy for markedly enhancing the red upconversion emission in Er <sup>3+</sup> /Tm <sup>3+</sup> cooperated nanoparticles. Journal of Materials Chemistry C, 2018, 6, 7533-7540.	5.5	33
119	CdO-CuO-TiO <sub>2</sub> ternary dielectric systems: Subsolidus phase diagram and the effects of Cu segregation. Journal of the European Ceramic Society, 2018, 38, 4978-4985.	5.7	22
120	Tumor Microenvironment-Responsive Mesoporous MnO <sub>2</sub> -Coated Upconversion Nanoplatform for Self-Enhanced Tumor Theranostics. Advanced Functional Materials, 2018, 28, 1803804.	14.9	261
121	Cell fate potentials and switching kinetics uncovered in a classic bistable genetic switch. Nature Communications, 2018, 9, 2787.	12.8	38
122	Solving Electromagnetic Fields by General Reflection/Transmission Method for Coaxial-Coil Antenna in Cylindrically Multilayered Medium. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 912-916.	3.1	2
123	Electrochemical deposition of praseodymium (III) and copper (II) and extraction of praseodymium on copper electrode in LiCl-KCl melts. Journal of Solid State Electrochemistry, 2018, 22, 3689-3702.	2.5	11
124	Self-assembly of biomass microfibers into 3D layer-stacking hierarchical porous carbon for high performance supercapacitors. Electrochimica Acta, 2018, 286, 264-270.	5.2	47
125	Charge Transfer, Change of the Spin Value, and Driving of Magnetic Order by Pressure in Bimetallic Molecular Complexes. Journal of Physical Chemistry B, 2018, 122, 6846-6853.	2.6	7
126	Surface modification of hematite photoanode by NiFe layered double hydroxide for boosting photoelectrocatalytic water oxidation. Journal of Alloys and Compounds, 2018, 764, 341-346.	5.5	38



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127	Highly Stretchable Micro-Supercapacitor Arrays with Hybrid MWCNT/PANI Electrodes. <i>Advanced Materials Technologies</i> , 2017, 2, 1600282.	5.8	144
128	Binder-free Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene electrode film for supercapacitor produced by electrophoretic deposition method. <i>Chemical Engineering Journal</i> , 2017, 317, 1026-1036.	12.7	202
129	Dispersion peculiarities of hybrid modes in a circular waveguide filled by a composite gyroelectromagnetic medium. <i>Journal of Electromagnetic Waves and Applications</i> , 2017, 31, 350-362.	1.6	5
130	Facile synthesis of MnO <sub>2</sub> -Ni(OH) <sub>2</sub> 3D Ridge-like Porous Electrode Materials by Seed-Induce Method for High-performance Asymmetric Supercapacitor. <i>Electrochimica Acta</i> , 2017, 233, 26-35.	5.2	56
131	Micro-Supercapacitors: Highly Stretchable Micro-Supercapacitor Arrays with Hybrid MWCNT/PANI Electrodes ( <i>Adv. Mater. Technol.</i> 3/2017). <i>Advanced Materials Technologies</i> , 2017, 2, .	5.8	0
132	Tuning the Shell Number of Multishelled Metal Oxide Hollow Fibers for Optimized Lithium-Ion Storage. <i>ACS Nano</i> , 2017, 11, 6186-6193.	14.6	127
133	Interface engineering of 3D BiVO <sub>4</sub> /Fe-based layered double hydroxide core/shell nanostructures for boosting photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9952-9959.	10.3	134
134	Hierarchical NiCoP nanocone arrays supported on Ni foam as an efficient and stable bifunctional electrocatalyst for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14828-14837.	10.3	255
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