

Wei Han

List of Publications by Year in descending order

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197
papers

8,727
citations

38742

50
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49909

87
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all docs

198
docs citations

198
times ranked

9883
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance flexible sensing devices based on polyaniline/MXene nanocomposites. <i>Informa</i> Mater, 2019, 1, 407-416.	17.3	310
2	Bioinspired Interlocked Structure-Induced High Deformability for Two-Dimensional Titanium Carbide (MXene)/Natural Microcapsule-Based Flexible Pressure Sensors. <i>ACS Nano</i> , 2019, 13, 9139-9147.	14.6	308
3	Tumor Microenvironment-Responsive Mesoporous MnO ₂ -Coated Upconversion Nanoplatfom for Self-Enhanced Tumor Theranostics. <i>Advanced Functional Materials</i> , 2018, 28, 1803804.	14.9	261
4	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
5	Flexible MXene-graphene electrodes with high volumetric capacitance for integrated co-cathode energy conversion/storage devices. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17442-17451.	10.3	211
6	Recent advances in energy storage mechanism of aqueous zinc-ion batteries. <i>Journal of Energy Chemistry</i> , 2021, 54, 712-726.	12.9	211
7	Recent Advances in Flexible/Stretchable Supercapacitors for Wearable Electronics. <i>Small</i> , 2018, 14, e1702829.	10.0	208
8	Carbon-Reinforced Nb ₂ CT _x MXene/MoS ₂ Nanosheets as a Superior Rate and High-Capacity Anode for Sodium-Ion Batteries. <i>ACS Nano</i> , 2021, 15, 7439-7450.	14.6	203
9	Binder-free Ti ₃ C ₂ T _x MXene electrode film for supercapacitor produced by electrophoretic deposition method. <i>Chemical Engineering Journal</i> , 2017, 317, 1026-1036.	12.7	202
10	Proliferation of Green Tea as Sustainable Source for Carbonaceous Aerogels with Hierarchical Pore to Achieve Multiple Energy Storage. <i>Advanced Functional Materials</i> , 2016, 26, 8487-8495.	14.9	169
11	Ethanol-assisted solvothermal synthesis of porous nanostructured cobalt oxides (CoO/Co ₃ O ₄) for high-performance supercapacitors. <i>Chemical Engineering Journal</i> , 2015, 280, 377-384.	12.7	167
12	Hydrophobic and Stable MXene-Polymer Pressure Sensors for Wearable Electronics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15362-15369.	8.0	161
13	Microbe-Assisted Assembly of Ti ₃ C ₂ T _x MXene on Fungi-Derived Nanoribbon Heterostructures for Ultrastable Sodium and Potassium Ion Storage. <i>ACS Nano</i> , 2021, 15, 3423-3433.	14.6	158
14	Biomimetic, biocompatible and robust silk Fibroin-MXene film with stable 3D cross-link structure for flexible pressure sensors. <i>Nano Energy</i> , 2020, 78, 105252.	16.0	153
15	Red phosphorus decorated and doped TiO ₂ nanofibers for efficient photocatalytic hydrogen evolution from pure water. <i>Applied Catalysis B: Environmental</i> , 2019, 255, 117764.	20.2	151
16	Unraveling Bright Molecule-Like State and Dark Intrinsic State in Green Fluorescence Graphene Quantum Dots via Ultrafast Spectroscopy. <i>Advanced Optical Materials</i> , 2013, 1, 264-271.	7.3	144
17	Highly Stretchable Micro-Supercapacitor Arrays with Hybrid MWCNT/PANI Electrodes. <i>Advanced Materials Technologies</i> , 2017, 2, 1600282.	5.8	144
18	Controlled Assembly of MXene Nanosheets as an Electrode and Active Layer for High-Performance Electronic Skin. <i>Advanced Functional Materials</i> , 2021, 31, 2010533.	14.9	143

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19	Ultrafine Co ₃ Se ₄ Nanoparticles in Nitrogen-Doped 3D Carbon Matrix for High-Stable and Long-Cycle-Life Lithium Sulfur Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 1904273.	19.5	141
20	A Highly Conductive MOF of Graphene Analogue Ni ₃ (HITP) ₂ as a Sulfur Host for High-Performance Lithium-Sulfur Batteries. <i>Small</i> , 2019, 15, e1902605.	10.0	136
21	Interface engineering of 3D BiVO ₄ /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
22	Ti ₃ C ₂ T _x MXene Conductive Layers Supported Bio-Derived Fe ₁ Se _x /MXene/Carbonaceous Nanoribbons for High-Performance Half/Full Sodium-Ion and Potassium-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2101535.	21.0	128
23	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
24	Flexible Self-Powered Integrated Sensing System with 3D Periodic Ordered Black Phosphorus@MXene Thin-Films. <i>Advanced Materials</i> , 2021, 33, e2007890.	21.0	127
25	Hierarchical core-shell structural NiMoO ₄ @NiS ₂ /MoS ₂ nanowires fabricated via an in situ sulfurization method for high performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21759-21765.	10.3	125
26	The origin of capacity fluctuation and rescue of dead Mn-based Zn-ion batteries: a Mn-based competitive capacity evolution protocol. <i>Energy and Environmental Science</i> , 2022, 15, 1106-1118.	30.8	124
27	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
28	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
29	Strongly Coupled 2D Transition Metal Chalcogenide-MXene-Carbonaceous Nanoribbon Heterostructures with Ultrafast Ion Transport for Boosting Sodium/Potassium Ions Storage. <i>Nano-Micro Letters</i> , 2021, 13, 113.	27.0	100
30	High-mass loading V ₃ O ₇ ·H ₂ O nanoarray for Zn-ion battery: New synthesis and two-stage ion intercalation chemistry. <i>Nano Energy</i> , 2021, 83, 105835.	16.0	100
31	Ultrafast optical spectroscopy of surface-modified silicon quantum dots: unraveling the underlying mechanism of the ultrabright and color-tunable photoluminescence. <i>Light: Science and Applications</i> , 2015, 4, e245-e245.	16.6	93
32	3D Chemical Cross-Linking Structure of Black Phosphorus@CNTs Hybrid as a Promising Anode Material for Lithium Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1909372.	14.9	92
33	High performance all-solid-state flexible supercapacitor for wearable storage device application. <i>Chemical Engineering Journal</i> , 2018, 345, 186-195.	12.7	88
34	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
35	Controlled Layer-by-Layer Etching of MoS ₂ . <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15892-15897.	8.0	76
36	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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37	Fiber gas sensor-integrated smart face mask for room-temperature distinguishing of target gases. Nano Research, 2018, 11, 511-519.	10.4	75
38	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
39	Assembling Co ₃ O ₄ Nanoparticles into MXene with Enhanced electrochemical performance for advanced asymmetric supercapacitors. Journal of Colloid and Interface Science, 2021, 599, 109-118.	9.4	72
40	Experimental Observation of Toroidal Dipole Modes in All-Dielectric Metasurfaces. Advanced Optical Materials, 2019, 7, 1801166.	7.3	71
41	Flexible Supercapacitors Based on Polyaniline Arrays Coated Graphene Aerogel Electrodes. Nanoscale Research Letters, 2017, 12, 394.	5.7	67
42	Thermally Reduced Graphene/MXene Film for Enhanced Li-ion Storage. Chemistry - A European Journal, 2018, 24, 18556-18563.	3.3	65
43	Core-shell structural PANI-derived carbon@Co-Ni LDH electrode for high-performance asymmetric supercapacitors. Sustainable Energy and Fuels, 2018, 2, 1350-1355.	4.9	64
44	MOF-derived nitrogen-doped CoO@CoP arrays as bifunctional electrocatalysts for efficient overall water splitting. Electrochimica Acta, 2020, 330, 135210.	5.2	64
45	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
46	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
47	A Self-Healable Bifunctional Electronic Skin. ACS Applied Materials & Interfaces, 2020, 12, 24339-24347.	8.0	58
48	Facile synthesis of MnO ₂ -Ni(OH) ₂ 3D Ridge-like Porous Electrode Materials by Seed-Induce Method for High-performance Asymmetric Supercapacitor. Electrochimica Acta, 2017, 233, 26-35.	5.2	56
49	Highly Stable Cross-Linked Cationic Polyacrylamide/Ti ₃ C ₂ T _x MXene Nanocomposites for Flexible Ammonia Recognition Devices. Advanced Materials Technologies, 2020, 5, 2000248.	5.8	56
50	Highly efficient removal of Pb ²⁺ by a sandwich structure of metal-organic framework/GO composite with enhanced stability. New Journal of Chemistry, 2019, 43, 1032-1037.	2.8	55
51	Efficient and rapid removal of Pb ²⁺ from water by magnetic Fe ₃ O ₄ @MnO ₂ core-shell nanoflower attached to carbon microtube: Adsorption behavior and process study. Journal of Colloid and Interface Science, 2020, 563, 218-228.	9.4	53
52	Self-assembled Cobalt-doped NiMn-layered double hydroxide (LDH)/V ₂ CT MXene hybrids for advanced aqueous electrochemical energy storage properties. Chemical Engineering Journal, 2022, 430, 132992.	12.7	53
53	Flexible in-plane microsupercapacitors with electrospun NiFe ₂ O ₄ nanofibers for portable sensing applications. Nanoscale, 2016, 8, 14986-14991.	5.6	49
54	MXene-Bonded hollow MoS ₂ /Carbon sphere strategy for high-performance flexible sodium ion storage. Chemical Engineering Journal, 2022, 430, 132755.	12.7	49

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55	Dynamic Conformational Change Regulates the Protein-DNA Recognition: An Investigation on Binding of a Y-Family Polymerase to Its Target DNA. <i>PLoS Computational Biology</i> , 2014, 10, e1003804.	3.2	48
56	Self-assembly of biomass microfibers into 3D layer-stacking hierarchical porous carbon for high performance supercapacitors. <i>Electrochimica Acta</i> , 2018, 286, 264-270.	5.2	47
57	Tunable agglomeration of Co ₃ O ₄ nanowires as the growing core for in-situ formation of Co ₂ NiO ₄ assembled with polyaniline-derived carbonaceous fibers as the high-performance asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157210.	5.5	47
58	Biocompatible and Biodegradable Functional Polysaccharides for Flexible Humidity Sensors. <i>Research</i> , 2020, 2020, 8716847.	5.7	46
59	Ti ₃ CT MXene/Chalcogenide Heterostructure-Based High-Performance Magnesium-Ion Battery as Flexible Integrated Units. <i>Small</i> , 2022, 18, .	10.0	44
60	Knitted Ti ₃ C ₂ T MXene based fiber strain sensor for human-computer interaction. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 643-649.	9.4	42
61	Magnetite hollow microspheres with a broad absorption bandwidth of 11.9 GHz: toward promising lightweight electromagnetic microwave absorption. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19975-19983.	2.8	41
62	Nitrogen/sulphur dual-doped hierarchical carbonaceous fibers boosting potassium-ion storage. <i>Journal of Energy Chemistry</i> , 2021, 55, 420-427.	12.9	41
63	Electrochemical study of the codeposition of Mg-Li alloys from LiCl-KCl-MgCl ₂ -AlCl ₃ melts. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 455-461.	2.9	39
64	A Flexible Humidity Sensor Based on Natural Biocompatible Silk Fibroin Films. <i>Advanced Materials Technologies</i> , 2021, 6, .	5.8	39
65	Electrochemical behavior of La on liquid Bi electrode in LiCl-KCl melts. Determination of thermodynamic properties of La-Bi and Li-Bi intermetallic compounds. <i>RSC Advances</i> , 2015, 5, 82471-82480.	3.6	38
66	Progress in preparation of rare earth metals and alloys by electrodeposition in molten salts. <i>Rare Metals</i> , 2016, 35, 811-825.	7.1	38
67	Cell fate potentials and switching kinetics uncovered in a classic bistable genetic switch. <i>Nature Communications</i> , 2018, 9, 2787.	12.8	38
68	Surface modification of hematite photoanode by NiFe layered double hydroxide for boosting photoelectrocatalytic water oxidation. <i>Journal of Alloys and Compounds</i> , 2018, 764, 341-346.	5.5	38
69	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
70	MXene/ZIF-67/PAN Nanofiber Film for Ultra-sensitive Pressure Sensors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12367-12374.	8.0	38
71	Rapid synthesis of graphene/amorphous MnO ₂ composite with enhanced electrochemical performance for electrochemical capacitor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 194, 41-47.	3.5	37
72	Boosting alkaline hydrogen evolution performance of Co ₄ N porous nanowires by interface engineering of CeO ₂ tuning. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1655-1662.	10.3	37

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73	Selective electrodeposition of dysprosium in LiCl-KCl-GdCl ₃ -DyCl ₃ melts at magnesium electrodes: Application to separation of nuclear wastes. <i>Electrochimica Acta</i> , 2014, 118, 150-156.	5.2	36
74	Highly sensitive and selective detection of mercury ions based on up-conversion FRET from NaYF ₄ :Yb ³⁺ /Er ³⁺ nanophosphors to CdTe quantum dots. <i>RSC Advances</i> , 2015, 5, 99099-99106.	3.6	36
75	Unraveling Charge Separation and Transport Mechanisms in Aqueous-Processed Polymer/CdTe Nanocrystal Hybrid Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1301882.	19.5	33
76	A novel strategy for markedly enhancing the red upconversion emission in Er ³⁺ /Tm ³⁺ cooperated nanoparticles. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7533-7540.	5.5	33
77	Electrochemical extraction and separation of praseodymium and erbium on reactive magnesium electrode in molten salts. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3629-3638.	2.5	31
78	Ultraviolet-Assisted Construction of Nitrogen-Rich Ag@Ti ₃ C ₂ T _x MXene for Highly Efficient Hydrogen Evolution Electrocatalysis and Supercapacitor. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001449.	3.7	31
79	Extraction of thorium from LiCl-KCl molten salts by forming Al-Th alloys: a new pyrochemical method for the reprocessing of thorium-based spent fuels. <i>RSC Advances</i> , 2013, 3, 23539.	3.6	29
80	Transient Absorption Spectroscopic Study on Band-Structure-Type Change in CdTe/CdS Core-Shell Quantum Dots. <i>IEEE Journal of Quantum Electronics</i> , 2011, 47, 1177-1184.	1.9	27
81	Highly conductive Co ₃ Se ₄ embedded in N-doped 3D interconnected carbonaceous network for enhanced lithium and sodium storage. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 630-639.	9.4	27
82	Novel fungus-titanate bio-nanocomposites as high performance adsorbents for the efficient removal of radioactive ions from wastewater. <i>Nanoscale</i> , 2014, 6, 722-725.	5.6	26
83	Intraperitoneal injection of IL-4/IFN- γ modulates the proportions of microglial phenotypes and improves epilepsy outcomes in a pilocarpine model of acquired epilepsy. <i>Brain Research</i> , 2017, 1657, 120-129.	2.2	26
84	Electrochemical extraction of cerium and formation of Al-Ce alloy from CeO ₂ assisted by AlCl ₃ in LiCl-KCl melts. <i>Science China Chemistry</i> , 2014, 57, 1477-1482.	8.2	24
85	Entrapment of radioactive uranium from wastewater by using fungus-Fe ₃ O ₄ bio-nanocomposites. <i>RSC Advances</i> , 2015, 5, 41611-41616.	3.6	24
86	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
87	Co _x (OH) _y /C nanocomposites <i>in situ</i> derived from Na ₄ Co ₃ (PO ₄) ₂ P ₂ O ₇ as sustainable electrocatalysts for water splitting. <i>Dalton Transactions</i> , 2018, 47, 15703-15713.	3.3	24
88	Effects of low doping on the improvement of cathode materials Na ₃ V ₂ M _x (PO ₄) ₃ (M = Co ²⁺ , Cu ²⁺ ; <i>x</i> = 0.01-0.05) for SIBs. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17380-17389.	10.3	24
89	Universal Electron Injection Dynamics at Nanointerfaces in Dye-Sensitized Solar Cells. <i>Advanced Functional Materials</i> , 2012, 22, 2783-2791.	14.9	23
90	Superior full battery performance of tunable hollow N-Doped carbonaceous fibers encapsulating Ni ₃ S ₂ nanocrystals with enhanced Li/Na storage. <i>Electrochimica Acta</i> , 2020, 332, 135446.	5.2	23

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91	Self-Powered Wireless Monitoring of Obstacle Position and State in Gas Pipe via Flow-Driven Triboelectric Nanogenerators. <i>Advanced Materials Technologies</i> , 2020, 5, 2000466.	5.8	23
92	Electrodeposition of Mg-Li-Al-La Alloys on Inert Cathode in Molten LiCl-KCl Eutectic Salt. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2011, 42, 1367-1375.	2.1	22
93	CdO-CuO-TiO ₂ ternary dielectric systems: Subsolidus phase diagram and the effects of Cu segregation. <i>Journal of the European Ceramic Society</i> , 2018, 38, 4978-4985.	5.7	22
94	Water-proof and thermally inert flexible pressure sensors based on zero temperature coefficient of resistance hybrid films. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9648-9654.	5.5	20
95	Highly Flexible Fabric-Based Organic Light-Emitting Devices for Conformal Wearable Displays. <i>Advanced Materials Technologies</i> , 2020, 5, 1900942.	5.8	20
96	Electrochemical properties of yttrium on W and Pb electrodes in LiCl-KCl eutectic melts. <i>RSC Advances</i> , 2019, 9, 26718-26728.	3.6	19
97	Composite material WC _{1-x} @C as a noble-metal-economic material for hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155116.	5.5	19
98	Coexistence of bulk and surface polaritons in a magnetic-semiconductor superlattice influenced by a transverse magnetic field. <i>Journal of Applied Physics</i> , 2017, 121, 103102.	2.5	18
99	Ferroelectric Materials for Solar Energy Scavenging and Photodetectors. <i>Advanced Optical Materials</i> , 2022, 10, 2101741.	7.3	18
100	The Electrochemical Formation of Ni-Tb Intermetallic Compounds on a Nickel Electrode in the LiCl-KCl Eutectic Melts. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2014, 45, 929-935.	2.1	17
101	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
102	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
103	Electrochemical Formation of Mg-Li-Sm Alloys by Codeposition from LiCl-KCl-MgCl ₂ -SmCl ₃ Molten Salts. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2011, 42, 1376-1382.	2.1	16
104	Highly modified spontaneous emission in NaY(MoO ₄) ₂ :Yb ³⁺ /Er ³⁺ inverse opal photonic crystals. <i>RSC Advances</i> , 2015, 5, 104862-104869.	3.6	16
105	Ultrafine Sb ₂ S ₃ @carbon-nanofibers for fast and stable sodium storage. <i>Electrochimica Acta</i> , 2022, 411, 140067.	5.2	16
106	Electrochemical formation and thermodynamic properties of Tb-Bi intermetallic compounds in eutectic LiCl-KCl. <i>RSC Advances</i> , 2017, 7, 31682-31690.	3.6	15
107	Mesoporous Ce _x Co _{1-x} Cr ₂ O ₄ spinels: synthesis, characterization and catalytic application in simultaneous removal of soot particulate and NO. <i>RSC Advances</i> , 2015, 5, 52595-52601.	3.6	14
108	The kinetics process of a Pb(II)/Pb(0) couple and selective fabrication of Li-Pb alloys in LiCl-KCl melts. <i>RSC Advances</i> , 2018, 8, 30530-30538.	3.6	14

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109	Lignans from <i>Schisandra chinensis</i> rattan stems suppresses primary A β ₁₋₄₂ -induced microglia activation via NF- κ B/MAPK signaling pathway. <i>Natural Product Research</i> , 2019, 33, 2726-2729.	1.8	14
110	Highly flexible free-standing Sb/Sb ₂ O ₃ @N-doped carbon nanofiber membranes for sodium ion batteries with excellent stability. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5732-5738.	4.9	14
111	Hierarchical MXene@ZIF-67 Film Based High Performance Tactile Sensor with Large Sensing Range from Motion Monitoring to Sound Wave Detection. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	14
112	Electrochemical Codeposition of Quaternary Mg-Li-Ce-La Alloys from Molten Salt. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2010, 41, 1123-1128.	2.1	13
113	Study on the preparation of Mg-Li-Mn alloys by electrochemical codeposition from LiCl-KCl-MgCl ₂ -MnCl ₂ molten salt. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1387-1393.	2.9	13
114	Comparative analysis of Co ₉ S ₈ /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
115	Hybridized nanogenerators for effectively scavenging mechanical and solar energies. <i>IScience</i> , 2021, 24, 102415.	4.1	13
116	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
117	Na ₄ Ni ₃ P ₄ O ₁₅ ·nNi(OH) ₂ core-shell nanoparticles as hybrid electrocatalysts for the oxygen evolution reaction in alkaline electrolytes. <i>Dalton Transactions</i> , 2020, 49, 8226-8237.	3.3	12
118	Hardening the surface of metals with WC _{1-x} coatings deposited by high-speed plasma spraying. <i>Surface and Coatings Technology</i> , 2020, 389, 125639.	4.8	12
119	Electrochemical Recovering Zr from Molten Salt Using an Fe Electrode. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17393-17402.	6.7	12
120	Experimental and theoretical studies of nonlinear dependence of the internal resistance and electrode thickness for high performance supercapacitor. <i>Scientific Reports</i> , 2017, 7, 45934.	3.3	11
121	Electrochemical deposition of praseodymium (III) and copper (II) and extraction of praseodymium on copper electrode in LiCl-KCl melts. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 3689-3702.	2.5	11
122	Bi(nanoparticles)/CN _x (nanosheets) nanocomposites as high capacity and stable electrode materials for supercapacitors: the role of urea. <i>Dalton Transactions</i> , 2020, 49, 12197-12209.	3.3	11
123	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. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4039-4045.	4.9	11
124	Studies on the thermal stability of nanosized powder of WC _{1-x} -based product prepared by plasma dynamic method, compaction feasibility of the powder and preparation of composite with aluminium. <i>Ceramics International</i> , 2021, 47, 6884-6895.	4.8	11
125	Electrode reaction of Pr on Sn electrode and its electrochemical recovery from LiCl-KCl molten salt. <i>International Journal of Energy Research</i> , 2021, 45, 8577-8592.	4.5	11
126	Electrode reaction of Pr(III) and coreduction of Pr(III) and Pb(II) on W electrode in eutectic LiCl-KCl. <i>Ionics</i> , 2020, 26, 3901-3909.	2.4	10

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127	A new approach for the preparation of variable valence rare earth alloys from nano rare earth oxides at a low temperature in molten salt. RSC Advances, 2012, 2, 1585-1591.	3.6	9
128	Electrochemistry of CeCl ₃ in molten LiCl-KCl eutectic. Chemical Research in Chinese Universities, 2014, 30, 489-494.	2.6	9
129	The Electrochemical Co-reduction of Mg-Al-Y Alloys in the LiCl-NaCl-MgCl ₂ -AlF ₃ -YCl ₃ Melts. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 644-652.	2.1	9
130	A facile synthesis of self-assembling reduced graphene oxide/cobalt carbonate hydroxide papers for high-performance supercapacitor applications. Journal of Materials Science: Materials in Electronics, 2019, 30, 159-166.	2.2	9
131	Extraction of gadolinium on Cu electrode from LiCl-KCl melts by formation of Cu-Gd alloys. Ionics, 2019, 25, 1897-1909.	2.4	9
132	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
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