

Mi-Lin Zhang

List of Publications by Year in descending order

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170
papers

4,114
citations

147801

31
h-index

149698

56
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172
all docs

172
docs citations

172
times ranked

4069
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical co-reduction of holmium and magnesium ions in eutectic LiCl-KCl salts. <i>Rare Metals</i> , 2022, 41, 1394-1402.	7.1	8
2	Molten salt oxidation and process analysis of anionic exchange resin in Na ₂ CO ₃ -K ₂ CO ₃ melt. <i>Journal of Nuclear Science and Technology</i> , 2022, 59, 597-604.	1.3	7
3	MOF-derived electrochemical catalyst Cu ⁰ /N/C for the enhancement of amperometric oxygen detection. <i>Nanoscale</i> , 2022, 14, 1796-1806.	5.6	8
4	Molten salt/liquid metal extraction: Electrochemical behaviors and thermodynamics properties of La, Pr, U and separation factors of La/U and Pr/U couples in liquid gallium cathode. <i>Applied Radiation and Isotopes</i> , 2022, 182, 110149.	1.5	3
5	Electrochemical extraction of ytterbium from LiCl-KCl-YbCl ₃ -ZnCl ₂ melt by forming Zn-Yb alloys. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 1067-1074.	2.5	4
6	Electrochemical preparation and properties of a Mg-Li-Y alloy via co-reduction of Mg(ii) and Y(iii) in chloride melts. <i>RSC Advances</i> , 2021, 11, 13839-13847.	3.6	4
7	Recovery and separation of rare earth elements by molten salt electrolysis. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2021, 28, 899-914.	4.9	25
8	Fe ₂ O ₃ /rGO cooperated with tri-alkyl-substituted-imidazolium ionic liquids for enhancing oxygen sensing. <i>Sensors and Actuators B: Chemical</i> , 2021, 341, 130029.	7.8	3
9	A chitosan-graphene oxide/ZIF foam with anti-biofouling ability for uranium recovery from seawater. <i>Chemical Engineering Journal</i> , 2020, 382, 122850.	12.7	117
10	Microstructure and Mechanical Properties of Mg ₁₄ Li ₃ Al ₂ Gd Alloy Processed by Multilayer Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2020, 22, 1900774.	3.5	6
11	Water-locking molecule-assisted fabrication of nature-inspired Mg(OH) ₂ for highly efficient and economical uranium capture. <i>Dalton Transactions</i> , 2020, 49, 7535-7545.	3.3	8
12	Enhanced Electromagnetic Interference Shielding in a Duplex-Phase Mg ₉ Li ₃ Al ₁ Zn Alloy Processed by Accumulative Roll Bonding. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 490-499.	2.9	83
13	Electrochemical recovery of dysprosium from LiCl-KCl melt aided by liquid Pb metal. <i>Separation and Purification Technology</i> , 2020, 250, 117124.	7.9	22
14	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
15	Ag-CS Enhanced Performance of Pyrrolidone-Based Ionic Liquid Oxygen Sensor. <i>Journal of the Electrochemical Society</i> , 2020, 167, 067522.	2.9	3
16	Electrochemical behavior and underpotential deposition of Sm on reactive electrodes (Al, Ni, Cu and Tj ETQq0 0 0 rBT /Overlock 10 Tf	4.9	15
17	A hybrid sponge with guanidine and phytic acid enriched surface for integration of antibiofouling and uranium uptake from seawater. <i>Applied Surface Science</i> , 2020, 525, 146611.	6.1	18
18	Theoretical investigation of lanthanide and transition metal on Al cathode: Equilibrium potential and atomic radii analysis by a mathematical equation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 590, 124490.	4.7	3

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19	Quantitative Description of the Equilibrium Potentials and Atomic Radius of the Co-Ln Alloy by a Mathematical Equation. <i>Journal of the Electrochemical Society</i> , 2020, 167, 122502.	2.9	1
20	The equilibrium potentials of Ni-Ln alloys over the whole composition range in the phase diagram: experiment and prediction. <i>New Journal of Chemistry</i> , 2020, 44, 18686-18693.	2.8	0
21	In Situ Anchoring of Pyrrhotite on Graphitic Carbon Nitride Nanosheet for Efficient Immobilization of Uranium. <i>Chemistry - A European Journal</i> , 2019, 25, 590-597.	3.3	11
22	Effect of Annealing Temperature on the Microstructure and Mechanical Properties of the Al/Mg-8Li-3Al-1Zn/Al Composite Plates Fabricated by Hot Rolling. <i>Physics of Metals and Metallography</i> , 2019, 120, 447-453.	1.0	2
23	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
24	A Study on the Periodic Rule of Reduction Potentials of Lanthanides on Liquid Zinc Electrode. <i>Journal of the Electrochemical Society</i> , 2019, 166, D689-D693.	2.9	3
25	Extraction of neodymium from other fission products by co-reduction of Sn and Nd. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4802.	3.5	8
26	Electrochemical Co-reduction of Bi(III) and Y(III) and Extracting Yttrium from Molten LiCl-KCl Using Liquid Bi as Cathode. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 60-64.	2.6	7
27	Hydrothermal Synthesis of Protective Coating on Mg Alloy for Degradable Implant Applications. <i>Coatings</i> , 2019, 9, 160.	2.6	11
28	Effects of Annealing on the Microstructures and Mechanical Properties of Cold-Rolled TB8 Alloy. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 2816-2825.	2.5	2
29	Effects of Cold Rolling on Microstructural Evolution and Mechanical Properties of Mg-14Li-1Zn Alloy. <i>Advanced Engineering Materials</i> , 2019, 21, 1801344.	3.5	10
30	Graphene Oxide and Silver Ions Coassisted Zeolitic Imidazolate Framework for Antifouling and Uranium Enrichment from Seawater. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6185-6195.	6.7	73
31	An anti-algae adsorbent for uranium extraction: L-Arginine functionalized graphene hydrogel loaded with Ag nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 192-200.	9.4	27
32	Controllable Preparation of Carbon Materials with Different Morphologies Assisted by Molten Salt Electrolysis. <i>ECS Journal of Solid State Science and Technology</i> , 2019, 8, M122-M127.	1.8	3
33	Electrochemical Synthesis and Thermodynamic Properties of Pr-Ni Intermetallic Compounds in a LiCl-KCl-NiCl ₂ -PrCl ₃ Melt. <i>ChemElectroChem</i> , 2019, 6, 876-884.	3.4	6
34	Selective formation of Ce-Ni hydrogen storage alloys by electro-deposition in LiCl-KCl-CeCl ₃ melts using Ni as cathode. <i>Journal of Alloys and Compounds</i> , 2019, 777, 1211-1221.	5.5	13
35	Fabrication of Al-Coated Mg-Li Alloy Sheet and Investigation of Its Properties. <i>Acta Metallurgica Sinica (English Letters)</i> , 2019, 32, 169-177.	2.9	13
36	Synthesis and characterization of [Cu(N-Melm) ₄ (BF ₄) ₂] in ionic liquid. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 8-12.	2.6	6

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37	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
38	Rapid Production of Ln ₂ O ₃ :Eu ³⁺ /Tb ³⁺ (Ln = Sm, La). <i>TJ ETQq0,0 0 rgBT₃/Overlock</i>	9.1	3
39	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
40	Efficient removal of U(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI) covalently modified SiO ₂ coated magnetic microspheres. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1321-1328.	6.0	39
41	Microstructure and Hardness of Mg–9Li–6Al Alloy After Different Variants of Solid Solution Treatment. <i>Metal Science and Heat Treatment</i> , 2018, 59, 761-766.	0.6	3
42	Synthesis and characterization of phosphorized polyaniline doped with phytic acid and its anticorrosion properties for Mg-Li alloy. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 24-35.	2.2	18
43	Electrochemical behaviour of magnesium(II) on Ni electrode in LiCl-KCl eutectic. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 107-112.	2.6	5
44	High efficiency extraction of U(VI) from seawater by incorporation of polyethyleneimine, polyacrylic acid hydrogel and Luffa cylindrical fibers. <i>Chemical Engineering Journal</i> , 2018, 345, 526-535.	12.7	71
45	Synergistic effect of carbon nanotube and graphene nanoplatelet addition on microstructure and mechanical properties of AZ31 prepared using hot-pressing sintering. <i>Journal of Materials Research</i> , 2018, 33, 4261-4269.	2.6	11
46	Electrochemical Oxygen Sensor Based on the Interaction of Double-Layer Ionic Liquid Film (DLILF). <i>Journal of the Electrochemical Society</i> , 2018, 165, B779-B786.	2.9	11
47	Effect of Minor Er on the Microstructure and Properties of Al-6.0Mg-0.4Mn-0.1Cr-0.1Zr Alloys. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 5709-5717.	2.5	5
48	Recovery of Terbium from LiCl-KCl-TbCl ₃ System by Electrodeposition Using Different Electrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, D704-D710.	2.9	8
49	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
50	The linear relationship derived from the deposition potential of Pb–Ln alloy and atomic radius. <i>New Journal of Chemistry</i> , 2018, 42, 16533-16541.	2.8	3
51	Hierarchical Ni–Al Layered Double Hydroxide In Situ Anchored onto Polyethylenimine-Functionalized Fibers for Efficient U(VI) Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13385-13394.	6.7	45
52	Novel Ion-Imprinted Carbon Material Induced by Hyperaccumulation Pathway for the Selective Capture of Uranium. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28877-28886.	8.0	45
53	New formulation for reduction potentials of (Cu, Ni, Al, Zn)–lanthanide alloys – Implications for electrolysis-based pyroprocessing of spent nuclear fuel. <i>Electrochemistry Communications</i> , 2018, 93, 180-182.	4.7	5
54	Polypyrrole modified Fe ⁰ -loaded graphene oxide for the enrichment of uranium(VI) from simulated seawater. <i>Dalton Transactions</i> , 2018, 47, 12984-12992.	3.3	20

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55	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
56	Superhydrophilic phosphate and amide functionalized magnetic adsorbent: a new combination of anti-biofouling and uranium extraction from seawater. <i>Environmental Science: Nano</i> , 2018, 5, 2346-2356.	4.3	44
57	Electrochemical behaviour of erbium(III) and its extraction on Cu electrode in LiCl-KCl melts. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3484-3494.	5.5	30
58	Electrochemical behavior of Y(III) and preparation of Y-Ni intermetallic compounds in molten LiCl-KCl salts. <i>Journal of Rare Earths</i> , 2017, 35, 90-97.	4.8	24
59	Uniformly Dispersed ZnFe ₂ O ₄ Nanoparticles on Nitrogen-Modified Graphene for High-Performance Supercapacitor as Electrode. <i>Scientific Reports</i> , 2017, 7, 43116.	3.3	98
60	Microstructure, Texture, and Mechanical Properties of Alternate Mg-Li Composite Sheets Prepared by Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2017, 19, 1600817.	3.5	15
61	Electrochemical Extraction of Praseodymium by Formation of Zn-Pr Alloy in LiCl-KCl Melts with the Assistance of ZnCl ₂ and Liquid Zn. <i>Journal of the Electrochemical Society</i> , 2017, 164, D253-D262.	2.9	6
62	Electrochemical Extraction of Holmium and Thermodynamic Properties of Ho-Bi Alloys in LiCl-KCl Eutectic. <i>Journal of the Electrochemical Society</i> , 2017, 164, E62-E70.	2.9	31
63	Electrochemical formation and thermodynamic evaluation of Pr-Zn intermetallic compounds in LiCl-KCl eutectic melts. <i>Electrochimica Acta</i> , 2017, 228, 299-307.	5.2	28
64	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
65	Electrochemical Synthesis Quaternary Mg-Li-Al-Pr Alloy with and without Whisker on Magnesium Cathode in LiCl-KCl-PrCl ₃ -AlCl ₃ Melts. <i>Journal of the Electrochemical Society</i> , 2017, 164, D429-D435.	2.9	5
66	Thermodynamic and Electrochemical Properties of Praseodymium and the Formation of Ni-Pr Intermetallics in LiCl-KCl Melts. <i>Journal of the Electrochemical Society</i> , 2017, 164, D835-D842.	2.9	14
67	Microstructure and Mechanical Properties of CNT-Reinforced AZ31 Matrix Composites Prepared Using Hot-Press Sintering. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 5495-5500.	2.5	21
68	Microstructure and Mechanical Properties of Mg-8Li-(0, 1, 2)Ca-(0, 2)Gd Alloys. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 4831-4837.	2.5	7
69	Thermal Stability, Combustion Behavior, and Mechanical Property in a Flame-Retardant Polypropylene System. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 55.	2.5	12
70	Thermal Analysis and Flame-Retarded Mechanism of Composites Composed of Ethylene Vinyl Acetate and Layered Double Hydroxides Containing Transition Metals (Mn, Co, Cu, Zn). <i>Applied Sciences (Switzerland)</i> , 2016, 6, 131.	2.5	14
71	Preparation of Fine-Grained and High-Strength Mg-8Li-3Al-1Zn Alloy by Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2016, 18, 304-311.	3.5	40
72	Hydrothermal syntheses of CuO, CuO/Cu ₂ O, Cu ₂ O, Cu ₂ O/Cu and Cu microcrystals using ionic liquids. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 530-533.	2.6	8

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73	Influence of Nd and Y on texture of as-extruded Mg ₅ Li ₃ Al ₂ Zn alloy. <i>Physics of Metals and Metallography</i> , 2016, 117, 735-741.	1.0	5
74	Influence of Annealing Temperature on the Microstructure and Mechanical Properties of Al/Mg/Al Composite Sheets Fabricated by Roll Bonding. <i>Advanced Engineering Materials</i> , 2016, 18, 1792-1798.	3.5	23
75	Al-RE Intermetallic Phase Stability and Effects on Corrosion Behavior in Cold-Chamber HPDC AE44 Alloy. <i>Advanced Engineering Materials</i> , 2016, 18, 148-155.	3.5	15
76	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
77	Electrochemical reduction La(III) on W and Mg electrodes: application to prepare Mg-La and Mg-Li-La alloys in LiCl-KCl melts. <i>RSC Advances</i> , 2016, 6, 29353-29364.	3.6	8
78	Electrochemical extracting variable valence ytterbium from LiCl-KCl-YbCl ₃ melt on Cu electrode. <i>Electrochimica Acta</i> , 2016, 193, 54-62.	5.2	30
79	Study on Electrochemical Behavior of La(III) and Preparation of Al-La Intermetallic Compound Whiskers in Chloride Melt. <i>Journal of the Electrochemical Society</i> , 2016, 163, D1-D8.	2.9	5
80	New horizon for high performance Mg-based biomaterial with uniform degradation behavior: Formation of stacking faults. <i>Scientific Reports</i> , 2015, 5, 13933.	3.3	47
81	Electrochemistry of Zn and co-reduction of Zn and Sm from LiCl-KCl melt. <i>RSC Advances</i> , 2015, 5, 23114-23121.	3.6	4
82	Self-growth of micro- and nano-structured Mg(OH) ₂ on electrochemically anodised Mg-Li alloy surface. <i>Journal of Experimental Nanoscience</i> , 2015, 10, 56-65.	2.4	6
83	Hierarchical porous CNTs@NCS@MnO ₂ composites: rational design and high asymmetric supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15642-15649.	10.3	39
84	Electrodeposition of Tb on Mo and Al electrodes: Thermodynamic properties of TbCl ₃ and TbAl ₂ in the LiCl-KCl eutectic melts. <i>Electrochimica Acta</i> , 2015, 167, 139-146.	5.2	33
85	Separation of lanthanum from samarium on solid aluminum electrode in LiCl-KCl eutectic melts. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 304, 1123-1132.	1.5	5
86	The Electrochemical Co-reduction of Mg-Al-Y Alloys in the LiCl-NaCl-MgCl ₂ -AlF ₃ -YCl ₃ Melts. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2015, 46, 644-652.	2.1	9
87	The effect of NaF on the electrochemical behavior of the Mg ₁₁ Li _{3.5} Al ₁ Zn ₁ Sn ₁ Ce _{0.1} Mn electrode in NaCl solution. <i>RSC Advances</i> , 2015, 5, 46423-46429.	3.6	5
88	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
89	Study on formation and properties of Al-Li-Sm alloy containing whiskers in molten salts. <i>RSC Advances</i> , 2015, 5, 75863-75869.	3.6	6
90	Electrochemical behavior of La(III) 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

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91	Development of High-Performance Mg Alloy via Introducing Profuse Long Period Stacking Ordered Phase and Stacking Faults. <i>Advanced Engineering Materials</i> , 2015, 17, 876-884.	3.5	19
92	Ultrasonic-Assisted Electroless Ni-P Plating on Dual Phase Mg-Li Alloy. <i>Journal of the Electrochemical Society</i> , 2015, 162, C64-C70.	2.9	31
93	Synthesis of high surface area, mesoporous MgO nanosheets with excellent adsorption capability for Ni(II) via a distillation treating. <i>Journal of Colloid and Interface Science</i> , 2015, 438, 259-267.	9.4	57
94	Microstructure and texture evolution of Mg-Li alloy during rolling. <i>International Journal of Materials Research</i> , 2014, 105, 1111-1117.	0.3	7
95	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
96	Fabrication of Yb-Rich Mg-Li-Yb Alloys via Co-Reduction of Mg, Li and Yb. <i>Journal of the Electrochemical Society</i> , 2014, 161, D704-D711.	2.9	6
97	ZnCl ₂ and Liquid Zinc Assisted Electrochemical Extraction of Thulium from LiCl-KCl Melt. <i>Journal of the Electrochemical Society</i> , 2014, 161, D248-D255.	2.9	16
98	Extraction of ytterbium via co-reduction of Al(III) and Yb(III) from LiCl-KCl melt on W electrode. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 657-664.	1.5	5
99	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
100	Selective extraction of gadolinium from Sm ₂ O ₃ and Gd ₂ O ₃ mixtures in a single step assisted by MgCl ₂ in LiCl-KCl melts. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 843-850.	2.5	6
101	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
102	Microstructures and corrosion resistance of three typical superlight Mg-Li alloys. <i>International Journal of Materials Research</i> , 2014, 105, 58-64.	0.3	4
103	Effect of an electrolyte additive hexamethylenetetramine on electrochemical behaviors of the Mg-11Li-3.5Al-2Zn-1.5Re-0.5Zr electrode. <i>RSC Advances</i> , 2014, 4, 27236-27241.	3.6	4
104	AlCl ₃ and liquid Al assisted extraction of Nd from NaCl-KCl melts via intermittent galvanostatic electrolysis. <i>RSC Advances</i> , 2014, 4, 40352-40358.	3.6	8
105	Hollow structured and flower-like C@MnCo ₂ O ₄ composite for high electrochemical performance in a supercapacitor. <i>CrystEngComm</i> , 2014, 16, 9873-9881.	2.6	98
106	Co-reduction behaviors of lanthanum and aluminium ions in LiCl-KCl eutectic. <i>Electrochimica Acta</i> , 2014, 147, 104-113.	5.2	30
107	Electrochemical extraction of samarium from LiCl-KCl melt by forming Sm-Zn alloys. <i>Electrochimica Acta</i> , 2014, 120, 369-378.	5.2	67
108	The effect of different concentrations of Na ₂ SnO ₃ on the electrochemical behaviors of the Mg-8Li electrode. <i>Ionics</i> , 2014, 20, 1573-1578.	2.4	16

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109	Electrochemistry of CeCl ₃ in molten LiCl-KCl eutectic. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 489-494.	2.6	9
110	Electrochemical reduction of Tm on Mg electrodes and co-reduction of Mg, Li and Tm on W electrodes. <i>Electrochimica Acta</i> , 2014, 135, 327-335.	5.2	15
111	Preparation of Fe ₃ O ₄ @Layered Double Hydroxide Composite for Magnetic Separation of Uranium. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 10152-10159.	3.7	140
112	Electrodeposition of magnesium-lithium-dysprosium ternary alloys with controlled components from dysprosium oxide assisted by magnesium chloride in molten chlorides. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2671-2678.	2.5	8
113	Uranium(vi) adsorption on alumina hollow microspheres synthesized via a facile self-templating process. <i>RSC Advances</i> , 2013, 3, 6621.	3.6	9
114	Electrochemical preparation of Mg-Li-Al-Er alloys by co-reduction in molten chloride. <i>Acta Metallurgica Sinica (English Letters)</i> , 2013, 26, 455-460.	2.9	7
115	Electrochemical formation of Al-Li Alloys by codeposition of Al and Li from LiCl-KCl-AlF ₃ melts at 853 K. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 324-328.	2.6	4
116	Electrochemical formation process and phase control of Mg-Li-Ce alloys in molten chlorides. <i>Journal of Rare Earths</i> , 2013, 31, 609-615.	4.8	9
117	Electrochemical Preparation of Al-Li-Er-Tm Alloys by Co-reduction. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2013, 44, 1605-1612.	2.1	3
118	Fabrication of Mg-Pr and Mg-Li-Pr alloys by electrochemical co-reduction from their molten chlorides. <i>Electrochimica Acta</i> , 2013, 107, 209-215.	5.2	32
119	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
120	Development and characterization of size controlled polymeric microcapsules loaded with superparamagnetic nanoparticles. <i>Polymer Composites</i> , 2013, 34, 443-449.	4.6	7
121	Controlled synthesis and luminescent properties of uniform SrMoO ₄ hollow microstructures and application as drug carrier. <i>RSC Advances</i> , 2013, 3, 5945.	3.6	8
122	Influence of the Hot Deformation Conditions on the Texture Evolution in Mg-8Li-5Zn-2Re Alloy. <i>Rare Metal Materials and Engineering</i> , 2013, 42, 673-678.	0.8	1
123	Synthesis of aluminananosheets via supercritical fluid technology with high uranyl adsorptive capacity. <i>New Journal of Chemistry</i> , 2013, 37, 366-372.	2.8	61
124	High U(vi) adsorption capacity by mesoporous Mg(OH) ₂ deriving from MgO hydrolysis. <i>RSC Advances</i> , 2013, 3, 23278.	3.6	66
125	Synthesis and Characterization of Novel Peanut-Like Co ₃ O ₄ Used as Catalyst. <i>Integrated Ferroelectrics</i> , 2012, 136, 81-86.	0.7	0
126	A new approach for the preparation of variable valence rare earth alloys from nano rare earth oxides at a low temperature in molten salt. <i>RSC Advances</i> , 2012, 2, 1585-1591.	3.6	9

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127	Preparation of Mg-Li-La alloys by electrolysis in molten salt. Transactions of Nonferrous Metals Society of China, 2012, 22, 16-22.	4.2	23
128	Electrochemical behavior of Pb(II) in LiCl-KCl-MgCl ₂ -PbCl ₂ melts on Mo electrode. Transactions of Nonferrous Metals Society of China, 2012, 22, 711-716.	4.2	13
129	A new field-assisted annealing approach for advanced Cu-Zr Alloy metallization. Electronic Materials Letters, 2012, 8, 507-510.	2.2	2
130	Luminescence functionalization of MCM-48 by YVO ₄ :Eu ³⁺ for controlled drug delivery. RSC Advances, 2012, 2, 3281.	3.6	21
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