Di-Hua Wang

List of Publications by Year
in descending order

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205	7,389	53660 45	82410 72
papers	citations	h-index	g-index

213	213	213	4540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal reduction-desorption of cadmium from contaminated soil by a biomass co-pyrolysis process. Journal of Hazardous Materials, 2022, 423, 126937.	6.5	13
2	A sodium salt-assisted roasting approach followed by leaching for recovering spent LiFePO4 batteries. Journal of Hazardous Materials, 2022, 424, 127586.	6.5	49
3	Integrating preparation of borides and separation of alkaline- and rare-earth ions through an electrochemical alloying approach in molten salts. Separation and Purification Technology, 2022, 285, 120391.	3.9	5
4	Chloride impurity induced corrosion of nickel anode and its protection in molten Li2CO3-Na2CO3-K2CO3. Corrosion Science, 2022, 196, 110027.	3.0	4
5	Electrolytic coreâ€“shell Co@C for diethyl phthalate degradation. Chemical Engineering Journal, 2022, 431, 134065.	6.6	14
6	Vacuum Pyrolysis of Pine Sawdust to Recover Spent Lithium Ion Batteries: The Synergistic Effect of Carbothermic Reduction and Pyrolysis Gas Reduction. ACS Sustainable Chemistry and Engineering, 2022, 10, 1287-1297.	3.2	38
7	Anodic carbidation of tantalum in molten CaCl2-CaC2. Journal of Solid State Electrochemistry, 2022, 26, 791-798.	1.2	5
8	Biphase Co@C core-shell catalysts for efficient Fenton-like catalysis. Journal of Hazardous Materials, 2022, 429, 128287.	6.5	24
9	Modeling the mass transfer and phase transition of Sn-Sb positive electrode in a liquid metal battery. Journal of Electroanalytical Chemistry, 2022, 909, 116144.	1.9	6
10	Tuning Ni dopant concentration to enable co-deposited superhydrophilic self-standing Mo2C electrode for high-efficient hydrogen evolution reaction. Applied Catalysis B: Environmental, 2022, 307, 121201.	10.8	36
11	Mediating the alloying depth to tune silicon's morphology and lithium-storage performance. Journal of Materials Chemistry A, 2022, 10, 10004-10013.	5.2	4
12	Local Basicity Dependent Gas-Liquid Interfacial Corrosion of Nickel Anode and Its Protection in Molten Li₂CO₃-Na₂CO₃-K₂CO₃. Journal of the Electrochemical Society, 2022, 169, 031505.	1.3	4
13	Computation-guided design and preparation of durable and efficient WC-Mo2C heterojunction for hydrogen evolution reaction. Cell Reports Physical Science, 2022, 3, 100784.	2.8	6
14	Waste Eggshell-derived N, P, S Tri-doped Core-shell Catalysts for Efficient Fenton-like Catalysis. Chemical Engineering Journal, 2022, 440, 135879.	6.6	17
15	Electrochemical Growth of High-Strength Carbon Nanocoils in Molten Carbonates. Nano Letters, 2022, 22, 97-104.	4.5	17
16	Electrochemical Synthesis of Multidimensional Nanostructured Silicon as a Negative Electrode Material for Lithium-Ion Battery. ACS Nano, 2022, 16, 7689-7700.	7.3	34
17	CO₂â€Derived Oxygenâ€Rich Carbon with Enhanced Redox Reactions as a Cathode Material for Aqueous Znâ€Ion Batteries. ChemistrySelect, 2022, 7, .	0.7	1
18	Suppressing Carbon Deposition by Introducing SiO₃ ^{2â^’} in Molten CaCl₂ for Efficient Electro-Deoxidation. Journal of the Electrochemical Society, 2022, 169, 062504.	1.3	0

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19	Recovery of lead and iodine from spent perovskite solar cells in molten salt. Chemical Engineering Journal, 2022, 447, 137498.	6.6	8
20	Cu₇Te₄ as an Anode Material and Zn Dendrite Inhibitor for Aqueous Znâ€Ion Battery. Advanced Functional Materials, 2022, 32, .	7.8	30
21	A novel porous carbon derived from CO2 for high-efficient tetracycline adsorption: Behavior and mechanism. Applied Surface Science, 2021, 538, 148110.	3.1	21
22	A self-driven alloying/dealloying approach to nanostructuring micro-silicon for high-performance lithium-ion battery anodes. Energy Storage Materials, 2021, 34, 768-777.	9.5	64
23	Electro-synthesis of tungsten carbide containing catalysts in molten salt for efficiently electrolytic hydrogen generation assisted by urea oxidation. International Journal of Hydrogen Energy, 2021, 46, 14932-14943.	3.8	23
24	Observation of Structural Decomposition of Na₃V₂(PO₄)₃ and Na₃V₂(PO₄)₂F₃ as Cathodes for Aqueous Zn-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 2797-2807.	2.5	32
25	Electrolysis of Lithium-Free Molten Carbonates. ACS Sustainable Chemistry and Engineering, 2021, 9, 4167-4174.	3.2	20
26	Synergistic Effect between S and Se Enhancing the Electrochemical Behavior of Se_xS_y in Aqueous Zn Metal Batteries. Advanced Functional Materials, 2021, 31, 2101237.	7.8	44
27	Self-Driven Salt-Thermal Reduction Approach for the Synthesis of Cu₂O and AgClâ€“Cu₂O Hybrids with Superior Photocatalytic Activity. ACS Sustainable Chemistry and Engineering, 2021, 9, 5651-5660.	3.2	7
28	Effectively removing tetracycline from water by nanoarchitectured carbons derived from CO2: Structure and surface chemistry influence. Environmental Research, 2021, 195, 110883.	3.7	5
29	Electrochemical preparation and homogenization of face-centered FeCoNiCu medium entropy alloy electrodes enabling oxygen evolution reactions. Electrochimica Acta, 2021, 378, 138142.	2.6	36
30	Visible-light-driven CO2 reduction to ethylene on CdS: Enabled by structural relaxation-induced intermediate dimerization and enhanced by ZIF-8 coating. Applied Catalysis B: Environmental, 2021, 285, 119834.	10.8	71
31	Fabricating Silicon Nanotubes by Electrochemical Exfoliation and Reduction of Layer-Structured CaSiO₃ in Molten Salt. ACS Applied Materials & Interfaces, 2021, 13, 30668-30677.	4.0	18
32	Direct recovery of degraded LiCoO2 cathode material from spent lithium-ion batteries: Efficient impurity removal toward practical applications. Waste Management, 2021, 129, 85-94.	3.7	38
33	Electrochemical Conversion of Silica Nanoparticles to Silicon Nanotubes in Molten Salts: Implications for High-Performance Lithium-Ion Battery Anode. ACS Applied Nano Materials, 2021, 4, 7028-7036.	2.4	19
34	Degradation of 2,4-DCP using persulfate and iron/E-carbon micro-electrolysis coupling system. Journal of Hazardous Materials, 2021, 413, 125381.	6.5	37
35	Transforming CO₂ into Sulfur-Doped Carbon As a High-Efficiency Persulfate Catalyst for the Degradation of 2,4-Dichlorphenol: Influential Factors, Activation Mechanism, and Regeneration of Catalyst. ACS ES&T Water, 2021, 1, 1796-1806.	2.3	10
36	Corrosion Behaviors of Iron, Chromium, Nickel, Low-Carbon Steel, and Four Types of Stainless Steels in Liquid Antimony-Tin Alloy. Corrosion, 2021, 77, 1192-1202.	0.5	5

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37	Wetting Kinetics of Molten Carbonate on Carbon. Langmuir, 2021, 37, 10594-10601.	1.6	4
38	Electrochemically converting micro-sized industrial Si/FeSi2 to nano Si/FeSi for the high-performance lithium-ion battery anode. Materials Today Energy, 2021, 21, 100817.	2.5	16
39	Revealing the phase evolution and lithium diffusion in the liquid Sn-Sb electrode. Journal of Electroanalytical Chemistry, 2021, , 115719.	1.9	2
40	Phosphorus-doped carbon sheets decorated with SeS2 as a cathode for aqueous Zn-SeS2 battery. Chemical Engineering Journal, 2021, 420, 129920.	6.6	30
41	Self-leveling electrolyte enabled dendrite-free lithium deposition for safer and stable lithium metal batteries. Chemical Engineering Journal, 2021, 419, 129494.	6.6	11
42	Modulating carbon growth kinetics enables electrosynthesis of graphite derived from CO2 via a liquidâ€“solidâ€“solid process. Carbon, 2021, 184, 426-436.	5.4	17
43	A combined oxidation and salt-thermal approach to converting copper scraps to copper oxides as energy storage materials. Journal of Cleaner Production, 2021, 320, 128870.	4.6	3
44	Recovery of porous silicon from waste crystalline silicon solar panels for high-performance lithium-ion battery anodes. Waste Management, 2021, 135, 182-189.	3.7	27
45	Revealing the mechanism of solid-state electrochemical conversion reactions in strong alkaline solutions. Chemical Engineering Journal, 2021, 426, 131307.	6.6	3
46	Regulating electrolytic Fe0.5CoNiCuZn high entropy alloy electrodes for oxygen evolution reactions in alkaline solution. Journal of Materials Science and Technology, 2021, 93, 110-118.	5.6	42
47	Zincothermic reduction of silica to silicon: make the impossible possible. Journal of Materials Chemistry A, 2021, 9, 21323-21331.	5.2	9
48	A vapor thermal approach to selective recycling of spent lithium-ion batteries. Green Chemistry, 2021, 23, 8673-8684.	4.6	20
49	Electrochemically Activated Cu_{2â€“}_xTe as an Ultraflat Discharge Plateau, Low Reaction Potential, and Stable Anode Material for Aqueous Znâ€ion Half and Full Batteries. Advanced Energy Materials, 2021, 11, 2102607.	10.2	37
50	A durable and pH-universal self-standing MoCâ€“Mo2C heterojunction electrode for efficient hydrogen evolution reaction. Nature Communications, 2021, 12, 6776.	5.8	169
51	Corrosion Behaviors of SS310 and IN718 Alloys in Molten Carbonate. Journal of the Electrochemical Society, 2021, 168, 121510.	1.3	5
52	Rearrangement of Oxide Scale on Ni-11Fe-10Cu-6Al Pre-Oxidized at 950 Â°C during Anodic Polarization in Molten Carbonate. Journal of the Electrochemical Society, 2021, 168, 121511.	1.3	3
53	Preparation of MoB₂ Nanoparticles by Electrolysis of MoS₂/B Mixture in Molten NaCl-KCl at 700 Â°C. Journal of the Electrochemical Society, 2021, 168, 123509.	1.3	2
54	Effects of cyclic voltammetric scan rates, scan time, temperatures and carbon addition on sulphation of Pb disc electrodes in aqueous H₂SO₄. Materials Technology, 2020, 35, 135-140.	1.5	10

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55	Concentration-Dependent Enhancing Effect of Dissolved Silicate on the Oxidative Degradation of Sulfamethazine by Zero-Valent Iron under Aerobic Conditions. Environmental Science & Technology, 2020, 54, 1242-1249.	4.6	28
56	The capacitive performances of carbon obtained from the electrolysis of CO2 in molten carbonates: Effects of electrolysis voltage and temperature. Journal of Energy Chemistry, 2020, 51, 418-424.	7.1	14
57	A facile strategy to synthesize graphitic carbon-encapsulated core-shell nanocomposites derived from CO2 as functional materials. Composites Communications, 2020, 22, 100464.	3.3	12
58	Buffering electrolyte alkalinity for highly selective and energy-efficient transformation of CO2 to CO. Electrochemistry Communications, 2020, 121, 106864.	2.3	14
59	A paired electrolysis approach for recycling spent lithium iron phosphate batteries in an undivided molten salt cell. Green Chemistry, 2020, 22, 8633-8641.	4.6	38
60	A molten calcium carbonate mediator for the electrochemical conversion and absorption of carbon dioxide. Green Chemistry, 2020, 22, 7946-7954.	4.6	26
61	One-pot compositional and structural regeneration of degraded LiCoO₂ for directly reusing it as a high-performance lithium-ion battery cathode. Green Chemistry, 2020, 22, 6489-6496.	4.6	56
62	Direct Recovery and Efficient Reutilization of Degraded Ternary Cathode Materials from Spent Lithium-Ion Batteries via a Homogeneous Thermochemical Process. ACS Sustainable Chemistry and Engineering, 2020, 8, 14022-14029.	3.2	55
63	Molten Electrolyte-Modulated Electrosynthesis of Multi-Anion Mo-Based Lamellar Nanohybrids Derived from Natural Minerals for Boosting Hydrogen Evolution. ACS Applied Materials & Interfaces, 2020, 12, 57870-57880.	4.0	12
64	Tunable Selectivity and High Efficiency of CO2 Electroreduction via Borate-Enhanced Molten Salt Electrolysis. IScience, 2020, 23, 101607.	1.9	24
65	Scalable Fabrication of Carbon Nanomaterials by Electrochemical Dual-Electrode Exfoliation of Graphite in Hydroxide Molten Salt. Industrial & Engineering Chemistry Research, 2020, 59, 10010-10017.	1.8	9
66	Green Carbon Material for Organic Contaminants Adsorption. Langmuir, 2020, 36, 3141-3148.	1.6	19
67	Effect of Doping Al on theÂHigh-Temperature Oxidation Behavior of Niâ€“11Feâ€“10Cu Alloy. Oxidation of Metals, 2020, 93, 417-431.	1.0	8
68	Corrosion behaviour and mechanism of nickel anode in SO42- containing molten Li2CO3-Na2CO3-K2CO3. Corrosion Science, 2020, 166, 108450.	3.0	16
69	Bionic Structural Design and Electrochemical Manufacture of WC/N-Doped Carbon Hybrids as Efficient ORR Catalyst. Journal of the Electrochemical Society, 2020, 167, 064502.	1.3	9
70	Electrochemical preparation of the Fe-Ni36 Invar alloy from a mixed oxides precursor in molten carbonates. International Journal of Minerals, Metallurgy and Materials, 2020, 27, 1695-1702.	2.4	6
71	Critical operating conditions for enhanced energy-efficient molten salt CO2 capture and electrolytic utilization as durable looping applications. Applied Energy, 2019, 255, 113862.	5.1	25
72	A Natural Transporter of Silicon and Carbon: Conversion of Rice Husks to Silicon Carbide or Carbonâ€“Silicon Hybrid for Lithiumâ€“Ion Battery Anodes via a Molten Salt Electrolysis Approach. Batteries and Supercaps, 2019, 2, 1007-1015.	2.4	27

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73	Tuning the preferentially electrochemical growth of carbon at the â€œgaseous CO2-liquid molten salt-solid electrodeâ€•three-phase interline. Electrochimica Acta, 2019, 324, 134852.	2.6	17
74	Electric Field-Driven Interfacial Alloying for in Situ Fabrication of Nano-Mo₂C on Carbon Fabric as Cathode toward Efficient Hydrogen Generation. ACS Applied Materials & Interfaces, 2019, 11, 38606-38615.	4.0	22
75	Understanding the electrode reaction process of dechlorination of 2,4-dichlorophenol over Ni/Fe nanoparticles: Effect of pH and 2,4-dichlorophenol concentration. Journal of Environmental Sciences, 2019, 84, 13-20.	3.2	13
76	Advancements and potentials of molten salt CO2 capture and electrochemical transformation (MSCC-ET) process. Current Opinion in Electrochemistry, 2019, 17, 38-46.	2.5	47
77	Durability of platinum coating anode in molten carbonate electrolysis cell. Corrosion Science, 2019, 153, 12-18.	3.0	24
78	Nitrogen doped microporous carbon nanospheres derived from chitin nanogels as attractive materials for supercapacitors. RSC Advances, 2019, 9, 10976-10982.	1.7	36
79	Enhanced kinetics of CO2 electro-reduction on a hollow gas bubbling electrode in molten ternary carbonates. Electrochemistry Communications, 2019, 100, 81-84.	2.3	18
80	Electrochemical Features of Carbon Prepared by Molten Salt Electro-Reduction of CO₂. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2019, 35, 208-214.	2.2	9
81	Cathodic reaction kinetics for CO2 capture and utilization in molten carbonates at mild temperatures. Electrochemistry Communications, 2018, 88, 79-82.	2.3	34
82	Electrochemically synthesized N-doped molybdenum carbide nanoparticles for efficient catalysis of hydrogen evolution reaction. Electrochimica Acta, 2018, 261, 578-587.	2.6	40
83	Heterogeneous activation of peroxymonocarbonate by Co-Mn oxides for the efficient degradation of chlorophenols in the presence of a naturally occurring level of bicarbonate. Chemical Engineering Journal, 2018, 334, 1297-1308.	6.6	60
84	Electrolytic synthesis of carbon from the captured CO2 in molten LiClâ€“KClâ€“CaCO3: Critical roles of electrode potential and temperature for hollow structure and lithium storage performance. Electrochimica Acta, 2018, 259, 975-985.	2.6	47
85	Nickel-Iron-Copper Alloy as Inert Anode for Ternary Molten Carbonate Electrolysis at 650Â°C. Journal of the Electrochemical Society, 2018, 165, E572-E577.	1.3	28
86	Electrochemical growth of a corrosion-resistant multi-layer scale to enable an oxygen-evolution inert anode in molten carbonate. Electrochimica Acta, 2018, 279, 250-257.	2.6	40
87	An Efficient Electrolytic Preparation of MAX-Phased Ti-Al-C. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2018, 49, 2770-2778.	1.0	10
88	Rearrangement of oxide scale on Ni-11Fe-10Cu alloy under anodic polarization in molten Na2CO3-K2CO3. Corrosion Science, 2018, 141, 168-174.	3.0	32
89	Communicationâ€”Light-Induced Plating of Aluminum on Silicon in a Lewis Acidic Chloroaluminate Ionic Liquid. Journal of the Electrochemical Society, 2018, 165, D381-D383.	1.3	4
90	Light-Induced Plating of Aluminum on Silicon in an Ionic Liquid. ECS Meeting Abstracts, 2018, , .	0.0	0

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91	Coating titanium on carbon steel by in-situ electrochemical reduction of solid TiO2 layer. Transactions of Nonferrous Metals Society of China, 2017, 27, 134-140.	1.7	2
92	Spontaneous growth of CuO nanoflakes and microflowers on copper in alkaline solutions. Journal of Alloys and Compounds, 2017, 704, 624-630.	2.8	22
93	Electrochemical Synthesis of Nano-Metallic Carbides from the Mixtures of Metal Oxide and Graphite. Journal of the Electrochemical Society, 2017, 164, E144-E150.	1.3	22
94	Disilicate-Assisted Iron Electrolysis for Sequential Fenton-Oxidation and Coagulation of Aqueous Contaminants. Environmental Science & Technology, 2017, 51, 8077-8084.	4.6	35
95	Flueâ€Gasâ€Derived Sulfurâ€Doped Carbon with Enhanced Capacitance. Advanced Sustainable Systems, 2017, 1, 1700047.	2.7	33
96	Microbubble effect-assisted electrolytic synthesis of hollow carbon spheres from CO₂. Journal of Materials Chemistry A, 2017, 5, 12822-12827.	5.2	59
97	The lithium storage performance of electrolytic-carbon from CO2. Journal of Power Sources, 2017, 341, 419-426.	4.0	23
98	Enhanced electrocatalysis performance of amorphous electrolytic carbon from CO2 for oxygen reduction by surface modification in molten salt. Electrochimica Acta, 2017, 253, 248-256.	2.6	17
99	Synthesis of nanostructured graphite via molten salt reduction of CO₂ and SO₂ at a relatively low temperature. Journal of Materials Chemistry A, 2017, 5, 20603-20607.	5.2	36
100	Spectroscopic characterization of dissolved organic matter from sludge solubilization treatment by micro-bubble technology. Ecological Engineering, 2017, 106, 94-100.	1.6	14
101	Electrolytic Production of Nickel-Cobalt Magnetic Alloys from Solid Oxides in Molten Carbonates. Journal of the Electrochemical Society, 2017, 164, E422-E427.	1.3	16
102	Interfacial Synthesis of Free-Standing Asymmetrical PPY-PEDOT Copolymer Film with 3D Network Structure for Supercapacitors. Journal of the Electrochemical Society, 2017, 164, A1820-A1825.	1.3	7
103	Unusual temperature effect on the stability of nickel anodes in molten carbonates. Electrochimica Acta, 2017, 245, 410-416.	2.6	26
104	Characterization and adsorption properties of the electrolytic carbon derived from CO2 conversion in molten salts. Carbon, 2017, 111, 162-172.	5.4	39
105	Preparation of FeCoNiCrMn High Entropy Alloy by Electrochemical Reduction of Solid Oxides in Molten Salt and Its Corrosion Behavior in Aqueous Solution. Journal of the Electrochemical Society, 2017, 164, E575-E579.	1.3	37
106	(Invited) Electrochemical Deposition of Carbon Materials in Molten Salts. ECS Transactions, 2017, 80, 791-799.	0.3	2
107	Electrochemical Preparation of Porous Tiâ€“13Zrâ€“13Nb Alloy and It's Corrosion Behavior in Ringer's Solution. Materials Transactions, 2017, 58, 326-330.	0.4	13
108	Spectroscopic characterization of DOM and the nitrogen removal mechanism during wastewater reclamation plant. PLoS ONE, 2017, 12, e0187355.	1.1	12

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109	(Invited) Electrochemical Deposition of Carbon Materials in Molten Salts. ECS Meeting Abstracts, 2017, , .	0.0	0
110	Rare metals preparation by electro-reduction of solid compounds in high-temperature molten salts. Rare Metals, 2016, 35, 581-590.	3.6	20
111	Sulfur doped reduced graphene oxides with enhanced catalytic activity for oxygen reduction via molten salt redox-sulfidation. Physical Chemistry Chemical Physics, 2016, 18, 32653-32657.	1.3	10
112	Molten-salt treatment of waste biomass for preparation of carbon with enhanced capacitive properties and electrocatalytic activity towards oxygen reduction. Faraday Discussions, 2016, 190, 147-159.	1.6	44
113	Molten salt CO₂capture and electro-transformation (MSCC-ET) into capacitive carbon at medium temperature: effect of the electrolyte composition. Faraday Discussions, 2016, 190, 241-258.	1.6	49
114	Kinetic and Thermodynamic Characterization of Enhanced Carbon Dioxide Absorption Process with Lithium Oxide-Containing Ternary Molten Carbonate. Environmental Science & Technology, 2016, 50, 10588-10595.	4.6	56
115	Anion exchange polymer coated graphite granule electrodes for improving the performance of anodes in unbuffered microbial fuel cells. Journal of Power Sources, 2016, 330, 211-218.	4.0	10
116	High-temperature oxidation behavior of Ni-11Fe-10Cu alloy: Growth of a protective oxide scale. Corrosion Science, 2016, 112, 54-62.	3.0	28
117	Acclimated sediment microbial fuel cells from a eutrophic lake for the in situ denitrification process. RSC Advances, 2016, 6, 80079-80085.	1.7	9
118	Improvements of energy conversion and storage: general discussion. Faraday Discussions, 2016, 190, 291-306.	1.6	4
119	Developments for nuclear reactors and spent fuels processing: general discussion. Faraday Discussions, 2016, 190, 399-419.	1.6	0
120	Benefits to energy efficiency and environmental impact: general discussion. Faraday Discussions, 2016, 190, 161-204.	1.6	2
121	Advancement in knowledge of phenomena and processes: general discussion. Faraday Discussions, 2016, 190, 525-549.	1.6	0
122	Green production of nickel powder by electro-reduction of NiO in molten Na2CO3â€“K2CO3. International Journal of Hydrogen Energy, 2016, 41, 18699-18705.	3.8	35
123	Electrolytic Germanium for Calcium Storage. Journal of the Electrochemical Society, 2016, 163, E351-E353.	1.3	3
124	One-step molten salt carbonization (MSC) of firwood biomass for capacitive carbon. RSC Advances, 2016, 6, 106485-106490.	1.7	47
125	Effect of doping aluminum and yttrium on high-temperature oxidation behavior of Ni-11Fe-10Cu alloy. Journal of Rare Earths, 2016, 34, 1139-1147.	2.5	14
126	Electrolytic Formation of Crystalline Silicon/Germanium Alloy Nanotubes and Hollow Particles with Enhanced Lithiumâ€Storage Properties. Angewandte Chemie, 2016, 128, 7553-7557.	1.6	19

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127	Preparation and application of capacitive carbon from bamboo shells by one step molten carbonates carbonization. International Journal of Hydrogen Energy, 2016, 41, 18713-18720.	3.8	66
128	Electrolytic Formation of Crystalline Silicon/Germanium Alloy Nanotubes and Hollow Particles with Enhanced Lithiumâ€Storage Properties. Angewandte Chemie - International Edition, 2016, 55, 7427-7431.	7.2	153
129	Adsorption of tetracycline and sulfonamide antibiotics on amorphous nano-carbon. Desalination and Water Treatment, 2016, 57, 22682-22694.	1.0	14
130	Ultrahigh aniline-removal capacity of hierarchically structured layered manganese oxides: trapping aniline between interlayers. Journal of Materials Chemistry A, 2015, 3, 8676-8682.	5.2	31
131	Directing carbon nanotubes from aqueous phase to o/w interface for heavy metal uptaking. Environmental Science and Pollution Research, 2015, 22, 14201-14208.	2.7	10
132	Enhanced adsorption of aqueous perchlorate on quaternary ammonium chloride surfactant-modified activated carbon fibers. Desalination and Water Treatment, 2015, 55, 484-495.	1.0	4
133	Hierarchical MoS2â€“rGO nanosheets with high MoS2 loading with enhanced electro-catalytic performance. Applied Surface Science, 2015, 358, 152-158.	3.1	103
134	Electrolytic calcium hexaboride for high capacity anode of aqueous primary batteries. Journal of Materials Chemistry A, 2015, 3, 15184-15189.	5.2	21
135	Preparation of a porous nanostructured germanium from GeO₂via a â€œreductionâ€“alloyingâ€“dealloyingâ€•approach. Journal of Materials Chemistry A, 2015, 3, 1427-1430.	5.2	24
136	Synergetic effect of the mineralization of organic contaminants by a combined use of permanganate and peroxymonosulfate. Separation and Purification Technology, 2015, 144, 248-255.	3.9	14
137	Cobalt Powder Production by Electro-Reduction of Co₃O₄Granules in Molten Carbonates Using an Inert Anode. Journal of the Electrochemical Society, 2015, 162, E68-E72.	1.3	41
138	Enhanced capacitive properties of commercial activated carbon by re-activation in molten carbonates. Journal of Power Sources, 2015, 298, 74-82.	4.0	42
139	g-C3N4 Modified biochar as an adsorptive and photocatalytic material for decontamination of aqueous organic pollutants. Applied Surface Science, 2015, 358, 231-239.	3.1	125
140	A new implant with solid core and porous surface: The biocompatability with bone. Journal of Biomedical Materials Research - Part A, 2014, 102, 2395-2407.	2.1	16
141	The electrochemical reduction processes of solid compounds in high temperature molten salts. Chemical Society Reviews, 2014, 43, 3215.	18.7	210
142	Separation of dispersed carbon nanotubes from water: Effect of pH and surfactants on the aggregation at oil/water interface. Separation and Purification Technology, 2014, 129, 113-120.	3.9	11
143	Harvesting Capacitive Carbon by Carbonization of Waste Biomass in Molten Salts. Environmental Science & Technology, 2014, 48, 8101-8108.	4.6	151
144	Electropolymerization of PEDOT on CNTs conductive network assembled at water/oil interface. Electrochimica Acta, 2014, 136, 97-104.	2.6	22

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145	Inert Anode Development for High-Temperature Molten Salts. , 2013, , 171-186.		8
146	Electropolymerization of polypyrrole at the three-phase interline: Influence of polymerization conditions. Electrochimica Acta, 2013, 92, 108-116.	2.6	23
147	Water and corrosion resistance of epoxyâ€“acrylicâ€“amine waterborne coatings: Effects of resin molecular weight, polar group and hydrophobic segment. Corrosion Science, 2013, 75, 106-113.	3.0	124
148	Effects of applied voltage and temperature on the electrochemical production of carbon powders from CO2 in molten salt with an inert anode. Electrochimica Acta, 2013, 114, 567-573.	2.6	93
149	Na₂SO₄-assisted synthesis of hexagonal-phase WO₃nanosheet assemblies with applicable electrochromic and adsorption properties. Journal of Materials Chemistry A, 2013, 1, 1261-1269.	5.2	83
150	Reduction mechanism and carbon content investigation for electrolytic production of iron from solid Fe2O3 in molten K2CO3â€“Na2CO3 using an inert anode. Journal of Electroanalytical Chemistry, 2013, 689, 109-116.	1.9	27
151	Chemical mixing in molten-salt for preparation of high-performance spinel lithium manganese oxides: Duplication of morphology from nanostructured MnO2 precursors to targeting materials. Electrochimica Acta, 2013, 88, 756-765.	2.6	8
152	Growing highly capacitive nano-Ni(OH)2 on freshly cut graphite electrode by electrochemically enhanced self-assembly. Electrochimica Acta, 2013, 99, 198-203.	2.6	13
153	Template-free electrosynthesis of crystalline germanium nanowires from solid germanium oxide in molten CaCl2â€“NaCl. Electrochimica Acta, 2013, 102, 369-374.	2.6	32
154	Capture and electrochemical conversion of CO2 to value-added carbon and oxygen by molten salt electrolysis. Energy and Environmental Science, 2013, 6, 1538.	15.6	262
155	Electrosynthesis of Ti₂CO_nfrom TiO₂/C Composite in Molten CaCl₂: Effect of Electrolysis Voltage and Duration. Journal of the Electrochemical Society, 2013, 160, F1192-F1196.	1.3	16
156	Production of Fine Tungsten Powder by Electrolytic Reduction of Solid CaWO₄in Molten Salt. Journal of the Electrochemical Society, 2012, 159, E139-E143.	1.3	25
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