

# Changdong Gu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

200  
papers

13,498  
citations

64  
h-index

111  
g-index

204  
ext. papers

15,018  
ext. citations

7.7  
avg, IF

6.67  
L-index

#	Paper	IF	Citations
200	Ionic Liquid-Impregnated ZIF-8/Polypropylene Solid-like Electrolyte for Dendrite-free Lithium-Metal Batteries.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,	9.5	7
199	A cleverly designed asymmetrical composite electrolyte via in-situ polymerization for high-performance, dendrite-free solid state lithium metal battery. <i>Chemical Engineering Journal</i> , <b>2022</b> , 435, 135030	14.7	1
198	A deformable dual-layer interphase for high-performance Li <sub>10</sub> GeP <sub>2</sub> S <sub>12</sub> -based solid-state Li metal batteries. <i>Chemical Engineering Journal</i> , <b>2022</b> , 431, 134019	14.7	3
197	Stabilizing the interphase between Li and Argyrodite electrolyte through synergistic phosphating process for all-solid-state lithium batteries. <i>Nano Energy</i> , <b>2022</b> , 96, 107104	17.1	3
196	In-situ generated Li <sub>3</sub> N/Li-Al alloy in reduced graphene oxide framework optimizing ultra-thin lithium metal electrode for solid-state batteries. <i>Energy Storage Materials</i> , <b>2022</b> , 49, 546-554	19.4	1
195	Ultrafast Synthesis of I-Rich Lithium Argyrodite Glass-Ceramic Electrolyte with High Ionic Conductivity. <i>Advanced Materials</i> , <b>2021</b> , e2107346	24	5
194	Al-Modified CuO/CuO for High-Temperature Thermochemical Energy Storage: from Reaction Performance to Modification Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 57274-57284	9.5	1
193	Optimizing quasi-solid-state sodium storage performance of Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>2.5</sub> O <sub>0.5</sub> cathode by structural design plus nitrogen doping. <i>Chemical Engineering Journal</i> , <b>2021</b> , 433, 133557	14.7	1
192	Single-Crystal-Layered Ni-Rich Oxide Modified by Phosphate Coating Boosting Interfacial Stability of Li SnP S -Based All-Solid-State Li Batteries. <i>Small</i> , <b>2021</b> , 17, e2103830	11	4
191	Sodium-storage behavior of electron-rich element-doped amorphous carbon. <i>Applied Physics Reviews</i> , <b>2021</b> , 8, 011402	17.3	8
190	Fluorinated Interface Layer with Embedded Zinc Nanoparticles for Stable Lithium-Metal Anodes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 17690-17698	9.5	2
189	Self-Healing Properties of Alkali Metals under High-Energy Conditions in Batteries. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2100470	21.8	6
188	Porous Composite Gel Polymer Electrolyte with Interfacial Transport Pathways for Flexible Quasi Solid Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 23743-23750	9.5	4
187	A Stretchable and Safe Polymer Electrolyte with a Protecting-Layer Strategy for Solid-State Lithium Metal Batteries. <i>Advanced Science</i> , <b>2021</b> , 8, 2003241	13.6	16
186	Robust LiPSI Interlayer to Stabilize the Tailored Electrolyte LiSnPSF/Li Metal Interface. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 30739-30745	9.5	3
185	Self-Assembled Structure Evolution of Mn?Fe Oxides for High Temperature Thermochemical Energy Storage. <i>Small</i> , <b>2021</b> , 17, e2101524	11	7
184	Thermochemical Energy Storage: Self-Assembled Structure Evolution of Mn?Fe Oxides for High Temperature Thermochemical Energy Storage (Small 29/2021). <i>Small</i> , <b>2021</b> , 17, 2170149	11	

183	Ti2Nb10O29 anchored on Aspergillus Oryzae spore carbon skeleton for advanced lithium ion storage. <i>Sustainable Materials and Technologies</i> , <b>2021</b> , 28, e00272	5.3	3
182	A Facile Way to Construct Stable and Ionic Conductive Lithium Sulfide Nanoparticles Composed Solid Electrolyte Interphase on Li Metal Anode. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2006380	15.6	19
181	In situ formation of a Li3N-rich interface between lithium and argyrodite solid electrolyte enabled by nitrogen doping. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 13531-13539	13	15
180	Porous Polyamide Skeleton-Reinforced Solid-State Electrolyte: Enhanced Flexibility, Safety, and Electrochemical Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 11018-11025	9.5	11
179	Slippery coatings with mechanical robustness and self-replenishing properties as potential application on magnesium alloys. <i>Chemical Engineering Journal</i> , <b>2021</b> , 418, 129079	14.7	5
178	A Versatile Li6.5In0.25P0.75S5I Sulfide Electrolyte Triggered by Ultimate-Energy Mechanical Alloying for All-Solid-State Lithium Metal Batteries. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2101521	21.8	8
177	Regulating thermochemical redox temperature via oxygen defect engineering for protection of solar molten salt receivers. <i>IScience</i> , <b>2021</b> , 24, 103039	6.1	1
176	Heterovalent Cation Substitution to Enhance the Ionic Conductivity of Halide Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 47610-47618	9.5	4
175	Building superior layered oxide cathode via rational surface engineering for both liquid & solid-state sodium ion batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 421, 127788	14.7	5
174	High-performance Na3V2(PO4)2F2.5O0.5 cathode: Hybrid reaction mechanism study via ex-situ XRD and sodium storage properties in solid-state batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 423, 130310	14.7	3
173	Ionic-liquid-containing polymer interlayer modified PEO-based electrolyte for stable high-voltage solid-state lithium metal battery. <i>Chemical Engineering Journal</i> , <b>2021</b> , 424, 130522	14.7	7
172	A mono-comb poly (siloxane-g-ethylene oxide) electrospun fiber membrane for solid-state sodium ion batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 131901	14.7	4
171	Formation and Evaluation of a Deep Eutectic Solvent Conversion Film on Biodegradable Magnesium Alloy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 33315-33324	9.5	11
170	Advances in coatings on biodegradable magnesium alloys. <i>Journal of Magnesium and Alloys</i> , <b>2020</b> , 8, 42-658	6.58	14.1
169	Sodium-rich manganese oxide porous microcubes with polypyrrole coating as a superior cathode for sodium ion full batteries. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 565, 218-226	9.3	14
168	Improved Ionic Conductivity and Li Dendrite Suppression Capability toward LiPS-Based Solid Electrolytes Triggered by Nb and O Cosubstitution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 54662-54670	9.5	17
167	Potassium Hexafluorophosphate Additive Enables Stable Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56017-56026	9.5	14
166	Exploring the Stability Effect of the Co-Substituted P2-Na[MnNi]O Cathode for Liquid- and Solid-State Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 41477-41484	9.5	8

165	Hydrophobic epoxy resin coating with ionic liquid conversion pretreatment on magnesium alloy for promoting corrosion resistance. <i>Journal of Materials Science and Technology</i> , <b>2020</b> , 37, 9-18	9.1	31
164	Molybdenum-doped tin oxide nanoflake arrays anchored on carbon foam as flexible anodes for sodium-ion batteries. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 560, 169-176	9.3	11
163	Smart construction of intimate interface between solid polymer electrolyte and 3D-array electrode for quasi-solid-state lithium ion batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 434, 226726	8.9	7
162	SnO Nanoflake Arrays Coated with Polypyrrole on a Carbon Cloth as Flexible Anodes for Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 24198-24204	9.5	60
161	Design and controllable synthesis of core-shell nanostructured Ni-P particles with an ionothermal strategy. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 795, 177-186	5.7	2
160	Original growth mechanism for ultra-stable dendrite-free potassium metal electrode. <i>Nano Energy</i> , <b>2019</b> , 62, 367-375	17.1	55
159	Cobalt disulfide-modified cellular hierarchical porous carbon derived from bovine bone for application in high-performance lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 551, 219-226	9.3	21
158	A multicolor electrochromic film based on a SnO <sub>2</sub> /V <sub>2</sub> O <sub>5</sub> core/shell structure for adaptive camouflage. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 5702-5709	7.1	33
157	Enhancement of the advanced Na storage performance of Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> in a symmetric sodium full cell via a dual strategy design. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 10231-10238	13	32
156	Polypyrrole-Coated Sodium Manganate Hollow Microspheres as a Superior Cathode for Sodium Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 15630-15637	9.5	21
155	Bi-containing Electrolyte Enables Robust and Li Ion Conductive Solid Electrolyte Interphase for Advanced Lithium Metal Anodes. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 952	5	7
154	Non-Newtonian Fluid State KNa Alloy for a Stretchable Energy Storage Device. <i>Small Methods</i> , <b>2019</b> , 3, 1900383	12.8	22
153	Enhanced Li-Storage of Ni S Nanowire Arrays with N-Doped Carbon Coating Synthesized by One-Step CVD Process and Investigated Via Ex Situ TEM. <i>Small</i> , <b>2019</b> , 15, e1904433	11	10
152	Boosting High-Rate Sodium Storage Performance of N-Doped Carbon-Encapsulated Na V (PO ) Nanoparticles Anchoring on Carbon Cloth. <i>Small</i> , <b>2019</b> , 15, e1902432	11	35
151	High Capacity and Superior Rate Performances Coexisting in Carbon-Based Sodium-Ion Battery Anode. <i>Research</i> , <b>2019</b> , 2019, 6930294	7.8	7
150	Facile interfacial modification via in-situ ultraviolet solidified gel polymer electrolyte for high-performance solid-state lithium ion batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 409, 31-37	8.9	49
149	A black conversion coating produced by hot corrosion of magnesium with deep eutectic solvent membrane. <i>Surface and Coatings Technology</i> , <b>2019</b> , 357, 833-840	4.4	10
148	A poly (vinylidene fluoride-hexafluoropropylene) based three-dimensional network gel polymer electrolyte for solid-state lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , <b>2019</b> , 358, 1047-1053	14.7	79

147	Niobium doped tungsten oxide mesoporous film with enhanced electrochromic and electrochemical energy storage properties. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 535, 300-307	9.3	29
146	A novel durable double-conductive core-shell structure applying to the synthesis of silicon anode for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2018</b> , 384, 207-213	8.9	71
145	Fabrication and corrosion property of conversion films on magnesium alloy from deep eutectic solvent. <i>Surface and Coatings Technology</i> , <b>2018</b> , 344, 702-709	4.4	20
144	Pseudocapacitive material with 928 mAh cm <sup>3</sup> particle-level volumetric specific capacity enabled by continuous phase-transition. <i>Chemical Engineering Journal</i> , <b>2018</b> , 338, 211-217	14.7	15
143	Recent Developments of All-Solid-State Lithium Secondary Batteries with Sulfide Inorganic Electrolytes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6007-6018	4.8	36
142	Rationally Designed Silicon Nanostructures as Anode Material for Lithium-Ion Batteries. <i>Advanced Engineering Materials</i> , <b>2018</b> , 20, 1700591	3.5	72
141	A NiCo <sub>2</sub> O <sub>4</sub> Shell on a Hollow Ni Nanorod Array Core for Water Splitting with Enhanced Electrocatalytic Performance. <i>ChemNanoMat</i> , <b>2018</b> , 4, 124-131	3.5	27
140	Hierarchical MoS <sub>2</sub> /Carbon Composite Microspheres as Advanced Anodes for Lithium/Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11220-11226	4.8	49
139	Rational coating of Li <sub>7</sub> P <sub>3</sub> S <sub>11</sub> solid electrolyte on MoS <sub>2</sub> electrode for all-solid-state lithium ion batteries. <i>Journal of Power Sources</i> , <b>2018</b> , 374, 107-112	8.9	55
138	Electrodeposition: Electrocarving during Electrodeposition Growth (Adv. Mater. 51/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870395	24	6
137	Electrocarving during Electrodeposition Growth. <i>Advanced Materials</i> , <b>2018</b> , 30, e1805686	24	16
136	Hollow metallic 1T MoS <sub>2</sub> arrays grown on carbon cloth: a freestanding electrode for sodium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 18318-18324	13	94
135	Super Antiwetting Surfaces for Mitigating Drag-Out of Deep Eutectic Solvents. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 24209-24216	9.5	11
134	Robust Slippery Coating with Superior Corrosion Resistance and Anti-Icing Performance for AZ31B Mg Alloy Protection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 11247-11257	9.5	174
133	Mechanical Properties and in Vitro and in Vivo Biocompatibility of a-C/a-C:Ti Nanomultilayer Films on Ti6Al4V Alloy as Medical Implants. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 15933-15942	9.5	26
132	Deep eutectic solvents (DESs)-derived advanced functional materials for energy and environmental applications: challenges, opportunities, and future vision. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8209-8229	13.2	174
131	Highly Efficient Bifunctional Catalyst of NiCo <sub>2</sub> O <sub>4</sub> @NiO@Ni Core/Shell Nanocone Array for Stable Overall Water Splitting. <i>Particle and Particle Systems Characterization</i> , <b>2017</b> , 34, 1700228	3.1	15
130	A Newly Designed Composite Gel Polymer Electrolyte Based on Poly(Vinylidene Fluoride-Hexafluoropropylene) (PVDF-HFP) for Enhanced Solid-State Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15203-15209	4.8	82

129	Anchoring Ni <sub>2</sub> P Sheets on NiCo <sub>2</sub> O <sub>4</sub> Nanocone Arrays as Optimized Bifunctional Electrocatalyst for Water Splitting. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700481	4.6	45
128	Performance Enhancement of a Sulfur/Carbon Cathode by Polydopamine as an Efficient Shell for High-Performance Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10610-10615	4.8	16
127	All-solid-state electrochromic devices based on WO <sub>3</sub>   NiO films: material developments and future applications. <i>Science China Chemistry</i> , <b>2017</b> , 60, 3-12	7.9	59
126	Potentiodynamical deposition and corrosion behavior of thin Zn-Sn coatings with layered structure and varied composition from deep eutectic solvent. <i>Surface and Coatings Technology</i> , <b>2017</b> , 320, 640-647	4.4	12
125	Carbon fiber-incorporated sulfur/carbon ternary cathode for lithium-sulfur batteries with enhanced performance. <i>Journal of Solid State Electrochemistry</i> , <b>2017</b> , 21, 1203-1210	2.6	20
124	Self-supporting hierarchical rGO@Ni nanosheet@Co <sub>3</sub> O <sub>4</sub> nanowire array and its application in high-rate batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 327, 281-288	8.9	10
123	In situ confocal microscopic observation on inhibiting the dendrite formation of a-CN <sub>x</sub> /Li electrode. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15597-15604	13	42
122	Targeted Growth of Pt on 2D Atomic Layers of Ni-Al Hydroxide: Assembly of the Pt/Exfoliated Ni-Al Hydroxide sheet/Graphene Composite as Electrocatalysts for Methanol Oxidation Reactions. <i>Electrochimica Acta</i> , <b>2016</b> , 222, 938-945	6.7	13
121	Binder-free network-enabled MoS <sub>2</sub> -PPY-rGO ternary electrode for high capacity and excellent stability of lithium storage. <i>Journal of Power Sources</i> , <b>2016</b> , 307, 510-518	8.9	70
120	Urchin-like Ni-Co-P-O nanocomposite as novel methanol electro-oxidation materials in alkaline environment. <i>Electrochimica Acta</i> , <b>2016</b> , 187, 11-19	6.7	46
119	Corrosion resistance of AZ31B magnesium alloy with a conversion coating produced from a choline chloride-urea based deep eutectic solvent. <i>Corrosion Science</i> , <b>2016</b> , 106, 108-116	6.8	79
118	Integrated reduced graphene oxide multilayer/Li composite anode for rechargeable lithium metal batteries. <i>RSC Advances</i> , <b>2016</b> , 6, 11657-11664	3.7	25
117	Periodic stacking of 2D charged sheets: Self-assembled superlattice of NiAl layered double hydroxide (LDH) and reduced graphene oxide. <i>Nano Energy</i> , <b>2016</b> , 20, 185-193	17.1	162
116	A Smart Superhydrophobic Coating on AZ31B Magnesium Alloy with Self-Healing Effect. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1500694	4.6	40
115	Graphene oxide modified metallic lithium electrode and its electrochemical performances in lithium-sulfur full batteries and symmetric lithium-metal coin cells. <i>RSC Advances</i> , <b>2016</b> , 6, 66161-66168	3.7	22
114	Thermal growth of NiO on interconnected Ni tube network for electrochemical oxidation of methanol in alkaline medium. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 6342-6352	6.7	24
113	A peanut-like hierarchical micro/nano-Li <sub>1.2</sub> Mn <sub>0.54</sub> Ni <sub>0.18</sub> Co <sub>0.08</sub> O <sub>2</sub> cathode material for lithium-ion batteries with enhanced electrochemical performance. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 14291-14297	12.29	66
112	Synthesis and electrochemical performance of xLiV <sub>3</sub> O <sub>8</sub> ·yLi <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /rGO composite cathode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 14731-14740	13	12

111	Effect of EDTA and NH <sub>4</sub> Cl additives on electrodeposition of Zn/Ni films from choline chloride-based ionic liquid. <i>Transactions of Nonferrous Metals Society of China</i> , <b>2015</b> , 25, 2054-2064	3.3	44
110	Porous reduced graphene oxide sheet wrapped silicon composite fabricated by steam etching for lithium-ion battery application. <i>Journal of Power Sources</i> , <b>2015</b> , 286, 431-437	8.9	124
109	Electrodeposition of Superhydrophobic Cu Film on Active Substrate from Deep Eutectic Solvent. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, D313-D319	3.9	22
108	Integrated 3D porous C-MoS <sub>2</sub> /nitrogen-doped graphene electrode for high capacity and prolonged stability lithium storage. <i>Journal of Power Sources</i> , <b>2015</b> , 296, 392-399	8.9	84
107	High-energy cathode materials for Li-ion batteries: A review of recent developments. <i>Science China Technological Sciences</i> , <b>2015</b> , 58, 1809-1828	3.5	56
106	Microstructure and corrosion behavior of Cr and CrB alloy coatings electrodeposited from a Cr(III) deep eutectic solvent. <i>RSC Advances</i> , <b>2015</b> , 5, 71268-71277	3.7	22
105	Electrodeposition, Morphology, Composition, and Corrosion Performance of Zn-Mn Coatings from a Deep Eutectic Solvent. <i>Journal of Materials Engineering and Performance</i> , <b>2015</b> , 24, 434-444	1.6	24
104	Anomalous self-reduction of layered double hydroxide (LDH): from Ni(OH) <sub>2</sub> to hexagonal close packing (HCP) Ni/NiO by annealing without a reductant. <i>Chemical Communications</i> , <b>2015</b> , 51, 1004-7	5.8	16
103	Endowing manganese oxide with fast adsorption ability through controlling the manganese carbonate precursor assembled in ionic liquid. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 438, 149-158	8.3	24
102	Spinel type CoFe oxide porous nanosheets as magnetic adsorbents with fast removal ability and facile separation. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 454, 134-43	9.3	25
101	Electro-Brush Plating from Deep Eutectic Solvent: A Case of Nanocrystalline Ni Coatings with Superior Mechanical Property and Corrosion Resistance. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, D159-D165	3.9	13
100	Self-assembly silicon/porous reduced graphene oxide composite film as a binder-free and flexible anode for lithium-ion batteries. <i>Electrochimica Acta</i> , <b>2015</b> , 156, 86-93	6.7	73
99	Hollow Li <sub>1.2</sub> Mn <sub>0.5</sub> Co <sub>0.25</sub> Ni <sub>0.05</sub> O <sub>2</sub> microcube prepared by binary template as a cathode material for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 257, 198-204	8.9	52
98	Fast synthesis and optical property of SnO nanoparticles from choline chloride-based ionic liquid. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	13
97	NiO nanoflakes grown on porous graphene frameworks as advanced electrochemical pseudocapacitor materials. <i>Journal of Power Sources</i> , <b>2014</b> , 259, 98-105	8.9	91
96	One-dimension MnCo <sub>2</sub> O <sub>4</sub> nanowire arrays for electrochemical energy storage. <i>Electrochimica Acta</i> , <b>2014</b> , 116, 467-474	6.7	219
95	Growth of vertically aligned hierarchical WO <sub>3</sub> nano-architecture arrays on transparent conducting substrates with outstanding electrochromic performance. <i>Solar Energy Materials and Solar Cells</i> , <b>2014</b> , 124, 103-110	6.4	99
94	The direct growth of a WO <sub>3</sub> nanosheet array on a transparent conducting substrate for highly efficient electrochromic and electrocatalytic applications. <i>CrystEngComm</i> , <b>2014</b> , 16, 6866-6872	3.3	52

93	Self-assembly of hierarchical Fe <sub>3</sub> O <sub>4</sub> microsphere/graphene nanosheet composite: towards a promising high-performance anode for Li-ion batteries. <i>RSC Advances</i> , <b>2014</b> , 4, 322-330	3.7	54
92	Hierarchical SnO <sub>2</sub> @NiO core/shell nanoflake arrays as energy-saving electrochromic materials. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 10409-10417	7.1	39
91	Metal oxide/hydroxide-based materials for supercapacitors. <i>RSC Advances</i> , <b>2014</b> , 4, 41910-41921	3.7	235
90	Self-assembly of Si/honeycomb reduced graphene oxide composite film as a binder-free and flexible anode for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 5834-5840	13	98
89	Constructed TiO <sub>2</sub> /NiO Core/Shell Nanorod Array for Efficient Electrochromic Application. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 6690-6696	3.8	71
88	Co-doped NiO nanoflake array films with enhanced electrochromic properties. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 7013-7021	7.1	110
87	Influence of electrodeposition conditions on the microstructure and corrosion resistance of ZnNi alloy coatings from a deep eutectic solvent. <i>Surface and Coatings Technology</i> , <b>2014</b> , 242, 34-41	4.4	55
86	NiO electrode for methanol electro-oxidation: Mesoporous vs. nanoparticulate. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 10892-10901	6.7	69
85	Mechanical and tribological properties of a-C/a-C:Ti multilayer films with various bilayer periods. <i>Thin Solid Films</i> , <b>2014</b> , 558, 176-183	2.2	26
84	Efficient electrochromic materials based on TiO <sub>2</sub> @WO <sub>3</sub> core/shell nanorod arrays. <i>Solar Energy Materials and Solar Cells</i> , <b>2013</b> , 117, 231-238	6.4	90
83	Synthesis of reduced graphene oxide by an ionothermal method and electrochemical performance. <i>RSC Advances</i> , <b>2013</b> , 3, 11807	3.7	24
82	A three-dimensional hierarchical Fe <sub>2</sub> O <sub>3</sub> @NiO core/shell nanorod array on carbon cloth: a new class of anode for high-performance lithium-ion batteries. <i>Nanoscale</i> , <b>2013</b> , 5, 7906-12	7.7	131
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79	Microstructure, mechanical and tribological properties of a-C/a-C:Ti nanomultilayer film. <i>Surface and Coatings Technology</i> , <b>2013</b> , 232, 403-411	4.4	26
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