

Chenlong Dong

List of Publications by Year in descending order

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papers

917
citations

567281

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all docs

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docs citations

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times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational design of cobalt–chromium layered double hydroxide as a highly efficient electrocatalyst for water oxidation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11292-11298.	10.3	191
2	Controlled Phase Evolution from Co Nanochains to CoO Nanocubes and Their Application as OER Catalysts. <i>ACS Energy Letters</i> , 2017, 2, 1208-1213.	17.4	125
3	Ruthenium–Doped Cobalt–Chromium Layered Double Hydroxides for Enhancing Oxygen Evolution through Regulating Charge Transfer. <i>Small</i> , 2020, 16, e1905328.	10.0	80
4	Ti ³⁺ -Promoted High Oxygen-Reduction Activity of Pd Nanodots Supported by Black Titania Nanobelts. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27654-27660.	8.0	50
5	Recent progress and perspectives of defective oxide anode materials for advanced lithium ion battery. <i>EnergyChem</i> , 2020, 2, 100045.	19.1	48
6	Charge-Transfer-Promoted High Oxygen Evolution Activity of Co@Co ₉ S ₈ Core–Shell Nanochains. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11565-11571.	8.0	46
7	Hierarchical Ni/NiTiO ₃ derived from NiTi LDHs: a bifunctional electrocatalyst for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24767-24774.	10.3	44
8	In situ grown Nb ₄ N ₅ nanocrystal on nitrogen-doped graphene as a novel anode for lithium ion battery. <i>RSC Advances</i> , 2016, 6, 81290-81295.	3.6	39
9	Orthorhombic Nb ₂ O ₅ for Durable High-Rate Anode of Li-Ion Batteries. <i>IScience</i> , 2020, 23, 100767.	4.1	39
10	Boron Embedded in Metal Iron Matrix as a Novel Anode Material of Excellent Performance. <i>Advanced Materials</i> , 2018, 30, e1801409.	21.0	35
11	Co _{5.47} N loaded N-doped carbon as an efficient bifunctional oxygen electrocatalyst for a Zn–air battery. <i>Nanoscale</i> , 2020, 12, 6089-6095.	5.6	27
12	Co nanoparticles embedded in a 3D CoO matrix for electrocatalytic hydrogen evolution. <i>RSC Advances</i> , 2016, 6, 38515-38520.	3.6	26
13	Tailoring Ultrafast and High-Capacity Sodium Storage via Binding–Energy-Driven Atomic Scissors. <i>Advanced Materials</i> , 2022, 34, e2200863.	21.0	25
14	Porous NiCo ₂ S ₄ /Co ₉ S ₈ Microcubes Templated by Sacrificial ZnO Spheres as an Efficient Bifunctional Oxygen Electrocatalyst. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800167.	5.3	20
15	Efficient catalysts for oxygen evolution derived from cobalt-based alloy nanochains. <i>Catalysis Science and Technology</i> , 2018, 8, 2427-2433.	4.1	19
16	Oxygen Evolution Activity of Co–Ni Nanochain Alloys: Promotion by Electron Injection. <i>Chemistry - A European Journal</i> , 2018, 24, 3707-3711.	3.3	12
17	Highly Hydroxylated Porous Nanozirconia for Complete Trace Cr(VI) Removal. <i>ACS Applied Nano Materials</i> , 2020, 3, 3315-3322.	5.0	12
18	Sulfur-terminated tin oxides for durable, highly reversible storage of large-capacity lithium. <i>Journal of Materials Chemistry A</i> , 2020, 8, 626-631.	10.3	11

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19	“Quasi-Zero-Strain” TiO_2 as an Ultra-Long-Life Anode for Li-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 1305-1312.	5.1	11
20	Efficient Co@CoP core-shell nanochains catalyst for the oxygen evolution reaction. Inorganic Chemistry Frontiers, 2018, 5, 1844-1848.	6.0	9
21	Niobium dioxide prepared by a novel La-reduced route as a promising catalyst support for Pd towards the oxygen reduction reaction. Dalton Transactions, 2020, 49, 1398-1402.	3.3	9
22	Hard Carbon Derived from Graphite Anode by Mechanochemistry and the Enhanced Lithium Ion Storage Performance. ChemElectroChem, 2022, 9, .	3.4	9
23	A Dual-Functional Titanium Nitride Chloride Layered Matrix with Facile Lithium Ion Diffusion Path and Decoupled Electron Transport as High-Capacity Anodes. Advanced Functional Materials, 2022, 32, .	14.9	8
24	Spherical Sacrificial ZnO Template-Derived Hybrid Ni/Co ₃ O ₄ Cubes as Efficient Bifunctional Electrocatalyst for Overall Water Splitting. Energy Technology, 2020, 8, 1901310.	3.8	6
25	Observation of High Capacitance from Molecular Gd@C_{82} in Aqueous Electrolyte Derived from Energy-Level Matching with Proton. Advanced Materials Interfaces, 2018, 5, 1800240.	3.7	5
26	Proton-insertion-pseudocapacitance of tungsten bronze tunnel structure enhanced by transition metal ion anchoring. Nanoscale, 2021, 13, 16790-16798.	5.6	5
27	Template-free assembling Ni nanoparticles to a 3D hierarchical structure for superior performance supercapacitors. RSC Advances, 2016, 6, 29519-29523.	3.6	4
28	ZnO-Templated Selenized and Phosphorized Cobalt-Nickel Oxide Microcubes as Rapid Alkaline Water Oxidation Electrocatalysts. Chemistry - A European Journal, 2020, 26, 1306-1313.	3.3	1
29	Rod-Like SnO_2/SnS Mosaics for Reversible Large-Capacity Li-Ion Storage. ChemElectroChem, 2022, 9, .	3.4	1
30	Complex-derived Fe ₂ N Anchored on Conductive Few-Layer Graphene for Electrocatalytic Oxygen Reduction Reaction. ChemNanoMat, 0, , .	2.8	0