Ning Qin

List of Publications by Year
in descending order

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28	1,766	361413 20	501196 28
papers	citations	h-index	g-index

28	28	28	2267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tunable Redox Chemistry and Stability of Radical Intermediates in 2D Covalent Organic Frameworks for High Performance Sodium Ion Batteries. Journal of the American Chemical Society, 2019, 141, 9623-9628.	13.7	276
2	Defect-Assisted Selective Surface Phosphorus Doping to Enhance Rate Capability of Titanium Dioxide for Sodium Ion Batteries. ACS Nano, 2019, 13, 9247-9258.	14.6	173
3	Polyvinylpyrrolidone-Induced Uniform Surface-Conductive Polymer Coating Endows Ni-Rich LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ with Enhanced Cyclability for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 12594-12604.	8.0	173
4	SnS₂/TiO₂ nanohybrids chemically bonded on nitrogen-doped graphene for lithiumâ€“sulfur batteries: synergy of vacancy defects and heterostructures. Nanoscale, 2018, 10, 15505-15512.	5.6	116
5	Sulfur-deficient MoS₂ grown inside hollow mesoporous carbon as a functional polysulfide mediator. Journal of Materials Chemistry A, 2019, 7, 12068-12074.	10.3	112
6	Oxygen-deficient titanium dioxide as a functional host for lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 10346-10353.	10.3	109
7	In-situ synthesis of free-standing FeNi-oxyhydroxide nanosheets as a highly efficient electrocatalyst for water oxidation. Chemical Engineering Journal, 2020, 395, 125180.	12.7	100
8	An oxygen-deficient vanadium oxide@N-doped carbon heterostructure for sodium-ion batteries: insights into the charge storage mechanism and enhanced reaction kinetics. Journal of Materials Chemistry A, 2020, 8, 3450-3458.	10.3	81
9	Carbon-bonded, oxygen-deficient TiO2 nanotubes with hybridized phases for superior Na-ion storage. Chemical Engineering Journal, 2018, 350, 201-208.	12.7	70
10	Revealing Mechanism of Li₃PO₄ Coating Suppressed Surface Oxygen Release for Commercial Ni-Rich Layered Cathodes. ACS Applied Energy Materials, 2020, 3, 7445-7455.	5.1	58
11	Facet exposure-dependent photoelectrocatalytic oxidation kinetics of bisphenol A on nanocrystalline {001} TiO 2 /carbon aerogel electrode. Applied Catalysis B: Environmental, 2017, 216, 30-40.	20.2	56
12	Coherent TiO₂/BaTiO₃ heterostructure as a functional reservoir and promoter for polysulfide intermediates. Chemical Communications, 2018, 54, 12250-12253.	4.1	53
13	Decoupled Redox Catalytic Hydrogen Production with a Robust Electrolyte-Borne Electron and Proton Carrier. Journal of the American Chemical Society, 2021, 143, 223-231.	13.7	48
14	Lamellarly Stacking Porous N, P Coâ€Doped Mo₂C/C Nanosheets as High Performance Anode for Lithiumâ€Ion Batteries. Small, 2019, 15, e1805022.	10.0	43
15	Solid electrolyte interface stabilization via surface oxygen species functionalization in hard carbon for superior performance sodium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 3606-3612.	10.3	43
16	Redox of Dual-Radical Intermediates in a Methylene-Linked Covalent Triazine Framework for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 514-521.	8.0	40
17	Extra Sodiation Sites in Hard Carbon for High Performance Sodium Ion Batteries. Small Methods, 2021, 5, e2100580.	8.6	40
18	In situ growth of M-{001}TiO₂/Ti photoelectrodes: synergetic dominant {001} facets and ratio-optimal surface junctions for the effective oxidation of environmental pollutants. Chemical Communications, 2020, 56, 1337-1340.	4.1	34

#	Article	IF	Citations
19	Redox of naphthalenediimide radicals in a 3D polyimide for stable Li-ion batteries. Chemical Communications, 2021, 57, 7810-7813.	4.1	26
20	Suppressing Continuous Volume Expansion of Si Nanoparticles by an Artificial Solid Electrolyte Interphase for High-Performance Lithium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2021, 9, 8059-8068.	6.7	23
21	Ternary Transition Metal Sulfide as High Real Energy Cathode for Lithiumâ€“Sulfur Pouch Cell Under Lean Electrolyte Conditions. Small Methods, 2022, 6, e2101402.	8.6	18
22	Efficient photocatalytic removal of phthalates easily implemented over a bi-functional {001}TiO2 surface. Chemosphere, 2021, 263, 128257.	8.2	16
23	Hydrothermal synthesis and energy storage performance of ultrafine Ce2Sn2O7 nanocubes. Journal of Central South University, 2019, 26, 1416-1425.	3.0	14
24	Sandwich-like dual carbon layers coated NiO hollow spheres with superior lithium storage performances. Electrochimica Acta, 2020, 343, 136121.	5.2	13
25	Oxidation State as a Descriptor in Oxygen Reduction Electrocatalysis. CCS Chemistry, 2022, 4, 3587-3598.	7.8	9
26	Coupling a Three-Dimensional Nanopillar and Robust Film to Guide Li-Ion Flux for Dendrite-Free Lithium Metal Anodes. ACS Applied Materials & Interfaces, 2021, 13, 45416-45425.	8.0	8
27	Single copper sites dispersed on defective TiO2â^'x as a synergistic oxygen reduction reaction catalyst. Journal of Chemical Physics, 2021, 154, 034705.	3.0	7
28	Revealing the catalytic pathway of a quinone-mediated oxygen reduction reaction in aprotic Liâ€“O₂ batteries. Chemical Communications, 2022, 58, 1025-1028.	4.1	7