

Ning Qin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7550141/publications.pdf>

Version: 2024-02-01

28
papers

1,766
citations

411340

20
h-index

563245

28
g-index

28
all docs

28
docs citations

28
times ranked

2590
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing the catalytic pathway of a quinone-mediated oxygen reduction reaction in aprotic Li ⁺ batteries. <i>Chemical Communications</i> , 2022, 58, 1025-1028.	2.2	7
2	Oxidation State as a Descriptor in Oxygen Reduction Electrocatalysis. <i>CCS Chemistry</i> , 2022, 4, 3587-3598.	4.6	9
3	Ternary Transition Metal Sulfide as High Real Energy Cathode for Lithium-Sulfur Pouch Cell Under Lean Electrolyte Conditions. <i>Small Methods</i> , 2022, 6, e2101402.	4.6	18
4	Efficient photocatalytic removal of phthalates easily implemented over a bi-functional {001}TiO ₂ surface. <i>Chemosphere</i> , 2021, 263, 128257.	4.2	16
5	Redox of Dual-Radical Intermediates in a Methylene-Linked Covalent Triazine Framework for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 514-521.	4.0	40
6	Decoupled Redox Catalytic Hydrogen Production with a Robust Electrolyte-Borne Electron and Proton Carrier. <i>Journal of the American Chemical Society</i> , 2021, 143, 223-231.	6.6	48
7	Redox of naphthalenediimide radicals in a 3D polyimide for stable Li-ion batteries. <i>Chemical Communications</i> , 2021, 57, 7810-7813.	2.2	26
8	Single copper sites dispersed on defective TiO ₂ as a synergistic oxygen reduction reaction catalyst. <i>Journal of Chemical Physics</i> , 2021, 154, 034705.	1.2	7
9	Suppressing Continuous Volume Expansion of Si Nanoparticles by an Artificial Solid Electrolyte Interphase for High-Performance Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8059-8068.	3.2	23
10	Extra Sodiation Sites in Hard Carbon for High Performance Sodium Ion Batteries. <i>Small Methods</i> , 2021, 5, e2100580.	4.6	40
11	Coupling a Three-Dimensional Nanopillar and Robust Film to Guide Li-Ion Flux for Dendrite-Free Lithium Metal Anodes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45416-45425.	4.0	8
12	<i>In situ</i> growth of M-TiO ₂ /Ti photoelectrodes: synergetic dominant {001} facets and ratio-optimal surface junctions for the effective oxidation of environmental pollutants. <i>Chemical Communications</i> , 2020, 56, 1337-1340.	2.2	34
13	Sandwich-like dual carbon layers coated NiO hollow spheres with superior lithium storage performances. <i>Electrochimica Acta</i> , 2020, 343, 136121.	2.6	13
14	Revealing Mechanism of Li ₃ PO ₄ Coating Suppressed Surface Oxygen Release for Commercial Ni-Rich Layered Cathodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 7445-7455.	2.5	58
15	An oxygen-deficient vanadium oxide@N-doped carbon heterostructure for sodium-ion batteries: insights into the charge storage mechanism and enhanced reaction kinetics. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3450-3458.	5.2	81
16	Solid electrolyte interface stabilization via surface oxygen species functionalization in hard carbon for superior performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3606-3612.	5.2	43
17	In-situ synthesis of free-standing FeNi-oxyhydroxide nanosheets as a highly efficient electrocatalyst for water oxidation. <i>Chemical Engineering Journal</i> , 2020, 395, 125180.	6.6	100
18	Hydrothermal synthesis and energy storage performance of ultrafine Ce ₂ Sn ₂ O ₇ nanocubes. <i>Journal of Central South University</i> , 2019, 26, 1416-1425.	1.2	14

#	ARTICLE	IF	CITATIONS
19	Defect-Assisted Selective Surface Phosphorus Doping to Enhance Rate Capability of Titanium Dioxide for Sodium Ion Batteries. ACS Nano, 2019, 13, 9247-9258.	7.3	173
20	Lamellarly Stacking Porous N, P Co-Doped Mo ₂ C/C Nanosheets as High Performance Anode for Lithium-Ion Batteries. Small, 2019, 15, e1805022.	5.2	43
21	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.	6.6	276
22	Sulfur-deficient MoS ₂ grown inside hollow mesoporous carbon as a functional polysulfide mediator. Journal of Materials Chemistry A, 2019, 7, 12068-12074.	5.2	112
23	Polyvinylpyrrolidone-Induced Uniform Surface-Conductive Polymer Coating Endows Ni-Rich LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ with Enhanced Cyclability for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 12594-12604.	4.0	173
24	Oxygen-deficient titanium dioxide as a functional host for lithium-sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 10346-10353.	5.2	109
25	Coherent TiO ₂ /BaTiO ₃ heterostructure as a functional reservoir and promoter for polysulfide intermediates. Chemical Communications, 2018, 54, 12250-12253.	2.2	53
26	SnS ₂ /TiO ₂ nanohybrids chemically bonded on nitrogen-doped graphene for lithium-sulfur batteries: synergy of vacancy defects and heterostructures. Nanoscale, 2018, 10, 15505-15512.	2.8	116
27	Carbon-bonded, oxygen-deficient TiO ₂ nanotubes with hybridized phases for superior Na-ion storage. Chemical Engineering Journal, 2018, 350, 201-208.	6.6	70
28	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.	10.8	56