

Guixiao Jia

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

287
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic corrosion inhibition effects of quaternary ammonium salt cationic surfactants and thiourea on Q235 steel in sulfuric acid: Experimental and theoretical research. <i>Corrosion Science</i> , 2022, 199, 110199.	6.6	44
2	Eco-friendly rosin-based 6-dehydroabiatic acylamino sodium as corrosion inhibitor for AA2024-T3 in alkaline solution by experimental and theoretical studies. <i>Journal of Molecular Liquids</i> , 2021, 328, 115506.	4.9	13
3	Corrosion inhibition of AA2024-T3 in alkaline solution by disodium-N-dodecyliminodiacetate: Experimental and theoretical studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 126989.	4.7	6
4	Cr-Doped Fe _{1-x} Cr _x F ₃ ·0.33H ₂ O Nanomaterials as Cathode Materials for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48653-48660.	8.0	3
5	Structural transformation and electrochemical properties of a nanosized flower-like R-MnO ₂ cathode in a sodium battery. <i>Physical Chemistry Chemical Physics</i> , 2021, 24, 551-559.	2.8	2
6	Na/K Diffusion in FeP as an Anode Material for Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6495-6501.	3.1	7
7	Structural Transformation and Cycling Improvement of Nanosized Flower-like $\hat{1}^3$ -MnO ₂ in a Sodium Battery. <i>ACS Applied Energy Materials</i> , 2019, 2, 5050-5056.	5.1	13
8	FeP/C Composites as an Anode Material for K-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22364-22370.	8.0	56
9	A Cobalt-Free Li(Li _{0.17} Ni _{0.17} Fe _{0.17} Mn _{0.49})O ₂ Cathode with More Oxygen-Involving Charge Compensation for Lithium-Ion Batteries. <i>ChemSusChem</i> , 2019, 12, 2471-2479.	6.8	20
10	A Cobalt-Free Li(Li _{0.16} Ni _{0.19} Fe _{0.18} Mn _{0.46})O ₂ Cathode for Lithium-Ion Batteries with Anionic Redox Reactions. <i>ChemSusChem</i> , 2019, 12, 1162-1168.	6.8	20
11	Region-Dependent and Stable Ferroelectric Photovoltaic Effect Driven by Novel In-Plane Self-Polarization in Narrow-Bandgap Bi ₂ FeMo _{0.7} Ni _{0.3} O ₆ Thin Film. <i>Advanced Optical Materials</i> , 2019, 7, 1801105.	7.3	25
12	Curvature, vacancy size and chirality effects of mono- to octa-vacancies in zigzag single-walled carbon nanotubes. <i>New Journal of Chemistry</i> , 2016, 40, 8625-8631.	2.8	1
13	Curvature effect of vacancies in single-walled carbon nanotubes. <i>Surface Science</i> , 2015, 633, 29-37.	1.9	3
14	A reasonable criterion of nitrogen-doped single-walled carbon nanotubes with pyridine-like configurations. <i>Surface Science</i> , 2013, 608, 122-128.	1.9	4
15	Chemical Anisotropies of Carbon Nanotubes and Fullerenes Caused by the Curvature Directivity. <i>Chemistry - A European Journal</i> , 2007, 13, 6430-6436.	3.3	16
16	Bond-Curvature Effect of Sidewall [2+1] Cycloadditions of Single-Walled Carbon Nanotubes: A New Criterion To the Adduct Structures. <i>Chemistry of Materials</i> , 2006, 18, 3579-3584.	6.7	43
17	Electronic structures and hydrogenation of a chiral single-wall (6,4) carbon nanotube: A density functional theory study. <i>Chemical Physics Letters</i> , 2006, 418, 40-45.	2.6	11