

Huajie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9644048/publications.pdf>

Version: 2024-02-01

18
papers

1,137
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-Construction of Sulfur Vacancies and Heterojunctions in Tungsten Disulfide to Induce Fast Electronic/Ionic Diffusion Kinetics for Sodium-Ion Batteries. <i>Advanced Materials</i> , 2020, 32, e2005802.	21.0	244
2	Superior sodium-storage behavior of flexible anatase TiO ₂ promoted by oxygen vacancies. <i>Energy Storage Materials</i> , 2020, 25, 903-911.	18.0	131
3	Probing the Energy Storage Mechanism of Quasi-Metallic Na in Hard Carbon for Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003854.	19.5	104
4	The Compensation Effect Mechanism of Fe-Ni Mixed Prussian Blue Analogues in Aqueous Rechargeable Aluminum-Ion Batteries. <i>ChemSusChem</i> , 2020, 13, 732-740.	6.8	93
5	Analysis of the Stable Interphase Responsible for the Excellent Electrochemical Performance of Graphite Electrodes in Sodium-Ion Batteries. <i>Small</i> , 2020, 16, e2003268.	10.0	75
6	An Extremely Fast Charging Li ₃ V ₂ (PO ₄) ₃ Cathode at a 4.8 V Cutoff Voltage for Li-Ion Batteries. <i>ACS Energy Letters</i> , 2020, 5, 1763-1770.	17.4	69
7	Inhibition of Crystallization of Poly(ethylene oxide) by Ionic Liquid: Insight into Plasticizing Mechanism and Application for Solid-State Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43252-43260.	8.0	65
8	Reversible Al ³⁺ storage mechanism in anatase TiO ₂ cathode material for ionic liquid electrolyte-based aluminum-ion batteries. <i>Journal of Energy Chemistry</i> , 2020, 51, 72-80.	12.9	56
9	Developing an Interpenetrated Porous and Ultrasuperior Hard-Carbon Anode via a Promising Molten-Salt Evaporation Method. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2481-2489.	8.0	54
10	Hyperaccumulation Route to Ca-Rich Hard Carbon Materials with Cation Self-Incorporation and Interlayer Spacing Optimization for High-Performance Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10544-10553.	8.0	53
11	Improved microwave absorption performance of double helical C/Co@CNT nanocomposite with hierarchical structures. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2178-2189.	5.5	49
12	High-Capacity Interstitial Mn-Incorporated Mn _x Fe _{3-x} O ₄ /Graphene Nanocomposite for Sodium-Ion Battery Anodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37812-37821.	8.0	40
13	PY ₁₃ FSI-Infiltrated SBA-15 as Nonflammable and High Ion-Conductive Ionogel Electrolytes for Quasi-Solid-State Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22981-22991.	8.0	34
14	The introduction of amino termination on Ti ₃ C ₂ MXene surface for its flexible film with excellent property. <i>Carbon</i> , 2021, 179, 400-407.	10.3	33
15	Fe ionic induced strong bioinspired Fe ₃ O ₄ @graphene aerogel with excellent electromagnetic shielding effectiveness. <i>Applied Surface Science</i> , 2020, 525, 146569.	6.1	17
16	Interlayer-Expanded MoS ₂ /N-Doped Carbon with Three-Dimensional Hierarchical Architecture as a Cathode Material for High-Performance Aluminum-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 7064-7072.	5.1	15
17	Amino Termination of Ti ₃ C ₂ MXene Induces its Graphene Hybridized Film with Enhanced Ordered Nanostructure and Excellent Multiperformance. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	3
18	Sodium-Ion Batteries: Probing the Energy Storage Mechanism of Quasi-Metallic Na in Hard Carbon for Sodium-Ion Batteries (Adv. Energy Mater. 11/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170041.	19.5	2