

Jianhua Chu

List of Publications by Year in descending order

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21
papers

2,182
citations

430874

18
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752698

20
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all docs

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docs citations

21
times ranked

2298
citing authors

#	ARTICLE	IF	CITATIONS
1	Fundamental Understanding and Research Progress on the Interfacial Behaviors for Potassium-ion Battery Anode. <i>Advanced Science</i> , 2022, 9, e2200683.	11.2	53
2	Carbon Anode Materials: A Detailed Comparison between Na-ion and K-ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003640.	19.5	150
3	Crystal, interfacial and morphological control of electrode materials for nonaqueous potassium-ion batteries. <i>Nano Today</i> , 2021, 37, 101074.	11.9	30
4	Oxygen vacancy engineering in spinel-structured nanosheet wrapped hollow polyhedra for electrochemical nitrogen fixation under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1652-1659.	10.3	59
5	Open ZnSe/C nanocages: multi-hierarchy stress-buffer for boosting cycling stability in potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 779-788.	10.3	73
6	A novel graphene-wrapped corals-like NiSe ₂ for ultrahigh-capacity potassium ion storage. <i>Carbon</i> , 2020, 161, 834-841.	10.3	44
7	Experimental and Numerical Investigation on Surface Damage of Cold Rolled Sheet Caused by Inclusion Movement. <i>Minerals, Metals and Materials Series</i> , 2020, , 239-247.	0.4	0
8	A monocrystal Fe ₃ O ₄ @ultrathin N-doped carbon core/shell structure: from magnetotactic bacteria to Li storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20899-20904.	10.3	12
9	High-throughput fabrication of 3D N-doped graphenic framework coupled with Fe ₃ C@porous graphite carbon for ultrastable potassium ion storage. <i>Energy Storage Materials</i> , 2019, 22, 185-193.	18.0	91
10	Deeply Nesting Zinc Sulfide Dendrites in Tertiary Hierarchical Structure for Potassium Ion Batteries: Enhanced Conductivity from Interior to Exterior. <i>ACS Nano</i> , 2019, 13, 6906-6916.	14.6	139
11	Carbon-encapsulated ultrathin MoS ₂ nanosheets epitaxially grown on porous metallic TiNb ₂ O ₆ microspheres with unsaturated oxygen atoms for superior potassium storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5760-5768.	10.3	54
12	A carbon microtube array with a multihole cross profile: releasing the stress and boosting long-cycling and high-rate potassium ion storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25845-25852.	10.3	36
13	Strong (001) facet-induced growth of multi-hierarchical tremella-like Sn-doped V ₂ O ₅ for high-performance potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25993-26001.	10.3	18
14	Scalable synthesis of VN quantum dots encapsulated in ultralarge pillared N-doped mesoporous carbon microspheres for superior potassium storage. <i>Energy Storage Materials</i> , 2019, 18, 43-50.	18.0	69
15	Sulfur/Oxygen Codoped Porous Hard Carbon Microspheres for High-Performance Potassium-ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1800171.	19.5	363
16	Thickness-control of ultrathin bimetallic Fe-Mo selenide@N-doped carbon core/shell nano-crisps for high-performance potassium-ion batteries. <i>Applied Materials Today</i> , 2018, 13, 344-351.	4.3	69
17	Multiscale organic-induced scalable synthesis of a mesoporous MoS ₂ -monolayer/carbon composite for high-performance lithium and potassium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11147-11153.	10.3	77
18	Metallic Octahedral CoSe ₂ Threaded by N-Doped Carbon Nanotubes: A Flexible Framework for High-Performance Potassium-ion Batteries. <i>Advanced Science</i> , 2018, 5, 1800782.	11.2	198

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19	Zero-strain $K_{0.6}Mn_1F_{2.7}$ hollow nanocubes for ultrastable potassium ion storage. <i>Energy and Environmental Science</i> , 2018, 11, 3033-3042.	30.8	87
20	Bamboo-Like Hollow Tubes with MoS_2/N -Doped Interfaces Boost Potassium Ion Storage. <i>Advanced Functional Materials</i> , 2018, 28, 1803409.	14.9	263
21	Pistachio-Shuck-Like $MoSe_2/C$ Core/Shell Nanostructures for High-Performance Potassium Ion Storage. <i>Advanced Materials</i> , 2018, 30, e1801812.	21.0	297