Jianhua Chu

List of Publications by Year
in descending order

21 papers	2,182 citations	430874 18 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	2298 citing authors

#	Article	IF	Citations
1	Sulfur/Oxygen Codoped Porous Hard Carbon Microspheres for Highâ€Performance Potassiumâ€Ion Batteries. Advanced Energy Materials, 2018, 8, 1800171.	19.5	363
2	Pistachioâ€Shuckâ€Like MoSe₂/C Core/Shell Nanostructures for Highâ€Performance Potassiumâ€Ion Storage. Advanced Materials, 2018, 30, e1801812.	21.0	297
3	Bambooâ€Like Hollow Tubes with MoS₂/Nâ€Dopedâ€C Interfaces Boost Potassiumâ€Ion Storage. Advanced Functional Materials, 2018, 28, 1803409.	14.9	263
4	Metallic Octahedral CoSe₂ Threaded by Nâ€Doped Carbon Nanotubes: A Flexible Framework for Highâ€Performance Potassiumâ€Ion Batteries. Advanced Science, 2018, 5, 1800782.	11.2	198
5	Carbon Anode Materials: A Detailed Comparison between Naâ€Ion and Kâ€Ion Batteries. Advanced Energy Materials, 2021, 11, 2003640.	19.5	150
6	Deeply Nesting Zinc Sulfide Dendrites in Tertiary Hierarchical Structure for Potassium Ion Batteries: Enhanced Conductivity from Interior to Exterior. ACS Nano, 2019, 13, 6906-6916.	14.6	139
7	High-throughput fabrication of 3D N-doped graphenic framework coupled with Fe3C@porous graphite carbon for ultrastable potassium ion storage. Energy Storage Materials, 2019, 22, 185-193.	18.0	91
8	Zero-strain K_{0.6}Mn₁F_{2.7} hollow nanocubes for ultrastable potassium ion storage. Energy and Environmental Science, 2018, 11, 3033-3042.	30.8	87
9	Multirole organic-induced scalable synthesis of a mesoporous MoS2-monolayer/carbon composite for high-performance lithium and potassium storage. Journal of Materials Chemistry A, 2018, 6, 11147-11153.	10.3	77
10	Open ZnSe/C nanocages: multi-hierarchy stress-buffer for boosting cycling stability in potassium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 779-788.	10.3	73
11	Thickness-control of ultrathin bimetallic Feâ€“Mo selenide@N-doped carbon core/shell â€œnano-crispsâ€• for high-performance potassium-ion batteries. Applied Materials Today, 2018, 13, 344-351.	4.3	69
12	Scalable synthesis of VN quantum dots encapsulated in ultralarge pillared N-doped mesoporous carbon microsheets for superior potassium storage. Energy Storage Materials, 2019, 18, 43-50.	18.0	69
13	Oxygen vacancy engineering in spinel-structured nanosheet wrapped hollow polyhedra for electrochemical nitrogen fixation under ambient conditions. Journal of Materials Chemistry A, 2020, 8, 1652-1659.	10.3	59
14	Carbon-encapsulated ultrathin MoS₂ nanosheets epitaxially grown on porous metallic TiNb₂O₆ microspheres with unsaturated oxygen atoms for superior potassium storage. Journal of Materials Chemistry A, 2019, 7, 5760-5768.	10.3	54
15	Fundamental Understanding and Research Progress on the Interfacial Behaviors for Potassiumâ€Ion Battery Anode. Advanced Science, 2022, 9, e2200683.	11.2	53
16	A novel graphene-wrapped corals-like NiSe2 for ultrahigh-capacity potassium ion storage. Carbon, 2020, 161, 834-841.	10.3	44
17	A carbon microtube array with a multihole cross profile: releasing the stress and boosting long-cycling and high-rate potassium ion storage. Journal of Materials Chemistry A, 2019, 7, 25845-25852.	10.3	36
18	Crystal, interfacial and morphological control of electrode materials for nonaqueous potassium-ion batteries. Nano Today, 2021, 37, 101074.	11.9	30

#	Article	IF	Citations
19	Strong (001) facet-induced growth of multi-hierarchical tremella-like Sn-doped V₂O₅ for high-performance potassium-ion batteries. Journal of Materials Chemistry A, 2019, 7, 25993-26001.	10.3	18
20	A monocrystal Fe₃O₄@ultrathin N-doped carbon core/shell structure: from magnetotactic bacteria to Li storage. Journal of Materials Chemistry A, 2019, 7, 20899-20904.	10.3	12
21	Experimental and Numerical Investigation on Surface Damage of Cold Rolled Sheet Caused by Inclusion Movement. Minerals, Metals and Materials Series, 2020, , 239-247.	0.4	0