

Boyun Huang

List of Publications by Year in descending order

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papers

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840776

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13
docs citations

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times ranked

1260
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired leaves-on-branchlet hybrid carbon nanostructure for supercapacitors. Nature Communications, 2018, 9, 790.	12.8	154
2	Hierarchical Ni ²⁺ /Co Hydroxide Petals on Mechanically Robust Graphene Petal Foam for High-Energy Asymmetric Supercapacitors. Advanced Functional Materials, 2016, 26, 5460-5470.	14.9	151
3	Plasma-grown graphene petals templating Ni ²⁺ /Co ²⁺ /Mn hydroxide nanoneedles for high-rate and long-cycle-life pseudocapacitive electrodes. Journal of Materials Chemistry A, 2015, 3, 22940-22948.	10.3	101
4	A three-dimensional interconnected V ₆ O ₁₃ nest with a V ⁵⁺ -rich state for ultrahigh Zn ion storage. Journal of Materials Chemistry A, 2020, 8, 10370-10376.	10.3	77
5	Edge-rich vertical graphene nanosheets templating V ₂ O ₅ for highly durable zinc ion battery. Carbon, 2021, 172, 207-213.	10.3	60
6	Graphene nanopetal wire supercapacitors with high energy density and thermal durability. Nano Energy, 2017, 38, 127-136.	16.0	58
7	Controllable synthesis of Ni ²⁺ /Co ²⁺ /Mn multi-component metal oxides with various morphologies for high-performance flexible supercapacitors. RSC Advances, 2017, 7, 24353-24358.	3.6	41
8	Large-scale synthesis and activation of polygonal carbon nanofibers with thin ribbon-like structures for supercapacitor electrodes. RSC Advances, 2015, 5, 31837-31844.	3.6	34
9	Single-Crystal Fe_2O_3 with Engineered Exposed (001) Facet for High-Rate, Long-Cycle-Life Lithium-Ion Battery Anode. Inorganic Chemistry, 2019, 58, 12724-12732.	4.0	34
10	Mechanically robust and size-controlled MoS ₂ /graphene hybrid aerogels as high-performance anodes for lithium-ion batteries. Journal of Materials Science, 2018, 53, 4482-4493.	3.7	26
11	Structural evolution of vertically oriented graphene nanosheet templating Ni ²⁺ /Co hydroxide as pseudocapacitive electrode. Journal of Materials Science, 2018, 53, 12352-12364.	3.7	13
12	Vertically Oriented Graphene Nanosheets for Electrochemical Energy Storage. ChemElectroChem, 2021, 8, 783-797.	3.4	9