

Yilan Wu

List of Publications by Year in descending order

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24
papers

1,462
citations

430754

18
h-index

642610

23
g-index

25
all docs

25
docs citations

25
times ranked

2241
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass-derived carbon electrode materials for supercapacitors. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1265-1281.	2.5	287
2	MoNb ₁₂ O ₃₃ as a new anode material for high-capacity, safe, rapid and durable Li ⁺ storage: structural characteristics, electrochemical properties and working mechanisms. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6522-6532.	5.2	157
3	Design, synthesis and lithium-ion storage capability of Al _{0.5} Nb _{24.5} O ₆₂ . <i>Journal of Materials Chemistry A</i> , 2019, 7, 19862-19871.	5.2	96
4	New Anode Material for Lithium-Ion Batteries: Aluminum Niobate (AlNb ₁₁ O ₂₉). <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6089-6096.	4.0	93
5	One-pot synthesis of ordered mesoporous NiMo-Al ₂ O ₃ catalysts for dibenzothiophene hydrodesulfurization. <i>Applied Catalysis B: Environmental</i> , 2016, 198, 493-507.	10.8	85
6	Capacitance-enhanced sodium-ion storage in nitrogen-rich hard carbon. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22186-22192.	5.2	85
7	Honeycomb-Ordered Na ₃ Ni _{1.5} M _{0.5} BiO ₆ (M = Ni, Cu). <i>TJ ETQq1</i> 1 0.784314 rgBT (1) 2715-2722.	8.8	70
8	The catalytic performance of Ni ₂ P/Al ₂ O ₃ catalyst in comparison with Ni/Al ₂ O ₃ catalyst in dehydrogenation of cyclohexane. <i>Applied Catalysis A: General</i> , 2014, 469, 434-441.	2.2	66
9	Zeolite-templated nanoporous carbon for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10388-10394.	5.2	66
10	Zinc niobate materials: crystal structures, energy-storage capabilities and working mechanisms. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25537-25547.	5.2	63
11	Hollow Rutile Cuboid Arrays Grown on Carbon Fiber Cloth as a Flexible Electrode for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2002629.	7.8	60
12	A low-strain V ₃ Nb ₁₇ O ₅₀ anode compound for superior Li ⁺ storage. <i>Energy Storage Materials</i> , 2020, 30, 401-411.	9.5	59
13	Improving the Visible-Light Photocatalytic Activity of Graphitic Carbon Nitride by Carbon Black Doping. <i>ACS Omega</i> , 2018, 3, 15009-15017.	1.6	46
14	Mesoporous niobium pentoxide/carbon composite electrodes for sodium-ion capacitors. <i>Journal of Power Sources</i> , 2018, 408, 82-90.	4.0	41
15	Tungsten nitride nanoparticles anchored on porous borocarbonitride as high-rate anode for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2020, 399, 125705.	6.6	38
16	Electrocapacitive properties of nitrogen-containing porous carbon derived from cellulose. <i>Journal of Power Sources</i> , 2017, 360, 634-641.	4.0	29
17	Microcrystalline cellulose-derived porous carbons with defective sites for electrochemical applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22579-22587.	5.2	25
18	Stabilising Cobalt Sulphide Nanocapsules with Nitrogen-Doped Carbon for High-Performance Sodium-Ion Storage. <i>Nano-Micro Letters</i> , 2020, 12, 48.	14.4	25

#	ARTICLE	IF	CITATIONS
19	A reduced graphene oxide@NiO composite electrode with a high and stable capacitance. Sustainable Energy and Fuels, 2018, 2, 673-678.	2.5	18
20	Fluorine substitution enabling pseudocapacitive intercalation of sodium ions in niobium oxyfluoride. Journal of Materials Chemistry A, 2019, 7, 20813-20823.	5.2	18
21	Sodium-Ion Storage Mechanism in Triquinoxalinylene and a Strategy for Improving Electrode Stability. Energy & Fuels, 2020, 34, 5099-5105.	2.5	12
22	Preparation of silicalite-1@Pt/alumina core-shell catalyst for shape-selective hydrogenation of xylene isomers. Catalysis Communications, 2015, 64, 110-113.	1.6	11
23	Synergetic effect of H-ZSM-5/Silicalite-1@Pt/Al ₂ O ₃ core-shell catalyst to enhance the selective hydrogenation of p-xylene. Journal of Membrane Science, 2015, 496, 70-77.	4.1	10
24	Charge Storage Behavior of Carbon Nanoparticles toward Alkali Metal Ions at Fast-Charging Rates. ACS Applied Energy Materials, 0, , .	2.5	2