

Yun-Hua Yu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

938
citations

394421

19
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1382
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen/phosphorus co-doped nonporous carbon nanofibers for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2014, 248, 745-751.	7.8	147
2	Bio-inspired spider-web-like membranes with a hierarchical structure for high performance lithium/sodium ion battery electrodes: the case of 3D freestanding and binder-free bismuth/CNF anodes. <i>Nanoscale</i> , 2017, 9, 13298-13304.	5.6	81
3	Superresilient Hard Carbon Nanofabrics for Sodium-ion Batteries. <i>Small</i> , 2020, 16, e1906883.	10.0	64
4	High-Performance Li-Ion Capacitor Based on an Activated Carbon Cathode and Well-Dispersed Ultrafine TiO ₂ Nanoparticles Embedded in Mesoporous Carbon Nanofibers Anode. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18710-18719.	8.0	63
5	Nanosized anatase titanium dioxide loaded porous carbon nanofiber webs as anode materials for lithium-ion batteries. <i>Electrochemistry Communications</i> , 2011, 13, 1098-1101.	4.7	52
6	Large-Scale Fabrication of Egg-Carton-Inspired Bi/C Composite toward High Volumetric Capacity and Long-Life Lithium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6033-6042.	6.7	46
7	Ionic-Conducting and Robust Multilayered Solid Electrolyte Interphases for Greatly Improved Rate and Cycling Capabilities of Sodium Ion Full Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2001418.	19.5	44
8	Encapsulating V ₂ O ₃ Nanoparticles in Carbon Nanofibers with Internal Void Spaces for a Self-Supported Anode Material in Superior Lithium-Ion Capacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19483-19495.	6.7	41
9	Chemical Grafting-derived N, P Co-doped Hollow Microporous Carbon Spheres for High-Performance Sodium-ion Battery Anodes. <i>Applied Surface Science</i> , 2020, 518, 146221.	6.1	41
10	Self-Supported Carbon Nanofiber Films with High-Level Nitrogen and Phosphorus Co-Doping for Advanced Lithium-Ion and Sodium-Ion Capacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9291-9300.	6.7	37
11	Integrated N, P co-doped and dense carbon networks produced by a chemical crosslinking strategy: Facilitating high gravimetric/volumetric performance sodium ion batteries. <i>Carbon</i> , 2020, 165, 204-215.	10.3	37
12	Eco-Friendly Fabricated Porous Carbon Nanofibers Decorated with Nanosized SnO _x as High-Performance Lithium-Ion Battery Anodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2951-2959.	6.7	34
13	High-level N/P co-doped Sn-carbon nanofibers with ultrahigh pseudocapacitance for high-energy lithium-ion and sodium-ion capacitors. <i>Electrochimica Acta</i> , 2020, 359, 136898.	5.2	34
14	Li ₄ Ti ₅ O ₁₂ nanosheets assembled in tubular architecture for lithium storage. <i>Chemical Engineering Journal</i> , 2019, 361, 1371-1380.	12.7	33
15	Phase-separation induced hollow/porous carbon nanofibers containing in situ generated ultrafine SnO _x as anode materials for lithium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1331-1337.	5.9	32
16	Three-dimensional hierarchical ternary aerogels of ultrafine TiO ₂ nanoparticles@porous carbon nanofibers-reduced graphene oxide for high-performance lithium-ion capacitors. <i>Electrochimica Acta</i> , 2019, 296, 790-798.	5.2	32
17	In situ synthesized SnSe nanorods in a SnO _x @CNF membrane toward high-performance freestanding and binder-free lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 932-938.	6.0	29
18	Self-Reconstructed Formation of a One-Dimensional Hierarchical Porous Nanostructure Assembled by Ultrathin TiO ₂ Nanobelts for Fast and Stable Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19047-19058.	8.0	27

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19	Eco-friendly fabricated nonporous carbon nanofibers with high volumetric capacitance: improving rate performance by tri-dopants of nitrogen, phosphorus, and silicon. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 2024-2032.	6.0	20
20	The metal-organic framework mediated synthesis of bell string-like hollow ZnS@C nanofibers to enhance sodium storage performance. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4712-4724.	5.9	18
21	Surface-reconstructed formation of hierarchical TiO ₂ mesoporous nanosheets with fast lithium-storage capability. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3216-3225.	5.9	16
22	Constructing robust and freestanding MXene/Si@C core-shell nanofibers via coaxial electrospinning for high performance Li-ion batteries. <i>Materials Chemistry Frontiers</i> , 2021, 5, 8218-8228.	5.9	10