Yun-Hua Yu

List of Publications by Year
in descending order

22	938	394421 19	677142 22
papers	citations	h-index	g-index

22	22	22	1382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface-reconstructed formation of hierarchical TiO₂ mesoporous nanosheets with fast lithium-storage capability. Materials Chemistry Frontiers, 2021, 5, 3216-3225.	5.9	16
2	The metalâ€“organic framework mediated synthesis of bell string-like hollow ZnSâ€“C nanofibers to enhance sodium storage performance. Materials Chemistry Frontiers, 2021, 5, 4712-4724.	5.9	18
3	Constructing robust and freestanding MXene/Si@C coreâ€“shell nanofibers via coaxial electrospinning for high performance Li-ion batteries. Materials Chemistry Frontiers, 2021, 5, 8218-8228.	5.9	10
4	Ionicâ€Conducting and Robust Multilayered Solid Electrolyte Interphases for Greatly Improved Rate and Cycling Capabilities of Sodium Ion Full Cells. Advanced Energy Materials, 2020, 10, 2001418.	19.5	44
5	High-level N/P co-doped Sn-carbon nanofibers with ultrahigh pseudocapacitance for high-energy lithium-ion and sodium-ion capacitors. Electrochimica Acta, 2020, 359, 136898.	5.2	34
6	Superresilient Hard Carbon Nanofabrics for Sodiumâ€Ion Batteries. Small, 2020, 16, e1906883.	10.0	64
7	Chemical Grafting-derived N, P Co-doped Hollow Microporous Carbon Spheres for High-Performance Sodium-ion Battery Anodes. Applied Surface Science, 2020, 518, 146221.	6.1	41
8	Integrated N, P co-doped and dense carbon networks produced by a chemical crosslinking strategy: Facilitating high gravimetric/volumetric performance sodium ion batteries. Carbon, 2020, 165, 204-215.	10.3	37
9	Encapsulating V₂O₃ Nanoparticles in Carbon Nanofibers with Internal Void Spaces for a Self-Supported Anode Material in Superior Lithium-Ion Capacitors. ACS Sustainable Chemistry and Engineering, 2019, 7, 19483-19495.	6.7	41
10	Self-Supported Carbon Nanofiber Films with High-Level Nitrogen and Phosphorus Co-Doping for Advanced Lithium-Ion and Sodium-Ion Capacitors. ACS Sustainable Chemistry and Engineering, 2019, 7, 9291-9300.	6.7	37
11	Large-Scale Fabrication of Egg-Carton-Inspired Bi/C Composite toward High Volumetric Capacity and Long-Life Lithium Ion Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 6033-6042.	6.7	46
12	Li4Ti5O12 nanosheets assembled in tubular architecture for lithium storage. Chemical Engineering Journal, 2019, 361, 1371-1380.	12.7	33
13	Three-dimensional hierarchical ternary aerogels of ultrafine TiO2 nanoparticles@porous carbon nanofibers-reduced graphene oxide for high-performance lithium-ion capacitors. Electrochimica Acta, 2019, 296, 790-798.	5.2	32
14	In situ synthesized SnSe nanorods in a SnOx@CNF membrane toward high-performance freestanding and binder-free lithium-ion batteries. Inorganic Chemistry Frontiers, 2018, 5, 932-938.	6.0	29
15	Self-Reconstructed Formation of a One-Dimensional Hierarchical Porous Nanostructure Assembled by Ultrathin TiO₂ Nanobelts for Fast and Stable Lithium Storage. ACS Applied Materials & Interfaces, 2018, 10, 19047-19058.	8.0	27
16	Phase-separation induced hollow/porous carbon nanofibers containing in situ generated ultrafine SnO_x as anode materials for lithium-ion batteries. Materials Chemistry Frontiers, 2017, 1, 1331-1337.	5.9	32
17	High-Performance Li-Ion Capacitor Based on an Activated Carbon Cathode and Well-Dispersed Ultrafine TiO₂ Nanoparticles Embedded in Mesoporous Carbon Nanofibers Anode. ACS Applied Materials & Interfaces, 2017, 9, 18710-18719.	8.0	63
18	Eco-friendly fabricated nonporous carbon nanofibers with high volumetric capacitance: improving rate performance by tri-dopants of nitrogen, phosphorus, and silicon. Inorganic Chemistry Frontiers, 2017, 4, 2024-2032.	6.0	20

#	Article	IF	Citations
19	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. Nanoscale, 2017, 9, 13298-13304.	5.6	81
20	Eco-Friendly Fabricated Porous Carbon Nanofibers Decorated with Nanosized SnO_x as High-Performance Lithium-Ion Battery Anodes. ACS Sustainable Chemistry and Engineering, 2016, 4, 2951-2959.	6.7	34
21	Nitrogen/phosphorus co-doped nonporous carbon nanofibers for high-performance supercapacitors. Journal of Power Sources, 2014, 248, 745-751.	7.8	147
22	Nanosized anatase titanium dioxide loaded porous carbon nanofiber webs as anode materials for lithium-ion batteries. Electrochemistry Communications, 2011, 13, 1098-1101.	4.7	52