

Yu-Yun Hsieh

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

423
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840119

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1058022

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docs citations

16
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible Micro-Supercapacitor Based on Graphene with 3D Structure. <i>Small</i> , 2017, 13, 1603114.	5.2	131
2	High thermoelectric power-factor composites based on flexible three-dimensional graphene and polyaniline. <i>Nanoscale</i> , 2019, 11, 6552-6560.	2.8	48
3	Integrated graphene-sulfur cathode and separator with plasma enhancement for Li-S batteries. <i>Carbon</i> , 2018, 139, 1093-1103.	5.4	44
4	A scalable nano-engineering method to synthesize 3D-graphene-carbon nanotube hybrid fibers for supercapacitor applications. <i>Electrochimica Acta</i> , 2019, 312, 411-423.	2.6	36
5	Bio-inspired, nitrogen doped CNT-graphene hybrid with amphiphilic properties as a porous current collector for lithium-ion batteries. <i>Carbon</i> , 2019, 145, 677-689.	5.4	32
6	Hydrogen Sensors Based on Flexible Carbon Nanotube-Palladium Composite Sheets Integrated with Ripstop Fabric. <i>ACS Omega</i> , 2020, 5, 487-497.	1.6	32
7	Tunneling-Limited Thermoelectric Transport in Carbon Nanotube Networks Embedded in Poly(dimethylsiloxane) Elastomer. <i>ACS Applied Energy Materials</i> , 2019, 2, 2419-2426.	2.5	24
8	Nitrogen-doped CNT on CNT hybrid fiber as a current collector for high-performance Li-ion capacitors. <i>Carbon</i> , 2019, 149, 407-418.	5.4	18
9	Lithiophilic current collector based on nitrogen doped carbon nanotubes and three-dimensional graphene for long-life lithium metal batteries. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 267, 115067.	1.7	18
10	Plasma enhanced synthesis of N doped vertically aligned carbon nanofibers on 3D graphene. <i>Surface and Interface Analysis</i> , 2019, 51, 290-297.	0.8	17
11	Scalable CVD synthesis of three-dimensional graphene from cast catalyst. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 254, 114510.	1.7	17
12	A Simple Two-Step Process for Producing Strong and Aligned Carbon Nanotube-Polymer Composites. <i>Journal of Carbon Research</i> , 2019, 5, 35.	1.4	3
13	Asymmetric Fiber Supercapacitors Based on a FeC ₂ O ₄ /FeOOH-CNT Hybrid Material. <i>Journal of Carbon Research</i> , 2021, 7, 62.	1.4	2
14	Three-dimensional graphene with charge transfer doping for stable lithium metal anode. <i>Journal of Electroanalytical Chemistry</i> , 2022, 918, 116512.	1.9	1
15	Advanced carbon-based nanostructure frameworks for lithium anodes. , 2022, , 499-520.		0
16	Plasma-Enhanced Carbon Nanotube Fiber Cathode for Li-S Batteries. <i>Journal of Carbon Research</i> , 2022, 8, 30.	1.4	0