

# Yunfeng Chao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1899617/publications.pdf>

Version: 2024-02-01

16  
papers

1,076  
citations

686830

13  
h-index

940134

16  
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all docs

16  
docs citations

16  
times ranked

2204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Flexible Free-Standing 3D Porous MoS <sub>2</sub> -Reduced Graphene Oxide Structure for High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2017, 27, 1700234.	7.8	181
2	Recent progress in 2D materials for flexible supercapacitors. <i>Journal of Energy Chemistry</i> , 2018, 27, 57-72.	7.1	179
3	Porous bowl-shaped VS <sub>2</sub> nanosheets/graphene composite for high-rate lithium-ion storage. <i>Journal of Energy Chemistry</i> , 2020, 43, 24-32.	7.1	148
4	A Biodegradable Thin-Film Magnesium Primary Battery Using Silk Fibroin-Ionic Liquid Polymer Electrolyte. <i>ACS Energy Letters</i> , 2017, 2, 831-836.	8.8	134
5	High-performance hybrid carbon nanotube fibers for wearable energy storage. <i>Nanoscale</i> , 2017, 9, 5063-5071.	2.8	95
6	A robust free-standing MoS <sub>2</sub> /poly(3,4-ethylenedioxythiophene);poly(styrenesulfonate) film for supercapacitor applications. <i>Electrochimica Acta</i> , 2017, 235, 348-355.	2.6	84
7	Silicon as a ubiquitous contaminant in graphene derivatives with significant impact on device performance. <i>Nature Communications</i> , 2018, 9, 5070.	5.8	42
8	One-Pot Hydrothermal Synthesis of Solution-Processable MoS <sub>2</sub> /PEDOT:PSS Composites for High-Performance Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 7285-7296.	4.0	41
9	Processable 2D materials beyond graphene: MoS <sub>2</sub> liquid crystals and fibres. <i>Nanoscale</i> , 2016, 8, 16862-16867.	2.8	40
10	A Tandem-Strategy to Fabricate Flexible Graphene/Polypyrrole Nanofiber Film Using the Surfactant-Exfoliated Graphene for Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22031-22041.	4.0	40
11	An Electrosynthesized 3D Porous Molybdenum Sulfide/Graphene Film with Enhanced Electrochemical Performance for Lithium Storage. <i>Small</i> , 2018, 14, 1703096.	5.2	25
12	Binder-Free Electrodes Derived from Interlayer-Expanded MoS <sub>2</sub> Nanosheets on Carbon Cloth with a 3D Porous Structure for Lithium Storage. <i>ChemElectroChem</i> , 2019, 6, 2338-2343.	1.7	22
13	High-performance MnO <sub>2</sub> @MXene/carbon nanotube fiber electrodes with internal and external construction for supercapacitors. <i>Journal of Materials Science</i> , 2022, 57, 3613-3628.	1.7	20
14	Scalable Solution Processing MoS <sub>2</sub> Powders with Liquid Crystalline Graphene Oxide for Flexible Freestanding Films with High Areal Lithium Storage Capacity. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 46746-46755.	4.0	14
15	Tuning the structure of three dimensional nanostructured molybdenum disulfide/nitrogen-doped carbon composite for high lithium storage. <i>Electrochimica Acta</i> , 2018, 291, 197-205.	2.6	8
16	A Battery Method to Enhance the Degradation of Iron Stent and Regulating the Effect on Living Cells. <i>Small Methods</i> , 2022, 6, .	4.6	3