

# Chuying Yu

## List of Publications by Year in descending order

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15  
papers

507  
citations

687363

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996975

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docs citations

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times ranked

548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heteroatom-Doped Sheet-Like and Hierarchical Porous Carbon Based on Natural Biomass Small Molecule Peach Gum for High-Performance Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3389-3403.	6.7	126
2	Three-dimensional nitrogen-doped hierarchical porous carbon derived from cross-linked lignin derivatives for high performance supercapacitors. <i>Electrochimica Acta</i> , 2018, 282, 642-652.	5.2	72
3	Nitrogen-enriched compact biochar-based electrode materials for supercapacitors with ultrahigh volumetric performance. <i>Journal of Power Sources</i> , 2019, 439, 227067.	7.8	47
4	Facile synthesis of high nitrogen-doped content, mesopore-dominated biomass-derived hierarchical porous graphitic carbon for high performance supercapacitors. <i>Electrochimica Acta</i> , 2020, 334, 135615.	5.2	46
5	Bioinspired strengthening and toughening of carbon nanotube@polyaniline/graphene film using electroactive biomass as glue for flexible supercapacitors with high rate performance and volumetric capacitance, and low-temperature tolerance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18356-18368.	10.3	31
6	Arbitrary deformable and high-strength electroactive polymer/MXene anti-exfoliative composite films assembled into high performance, flexible all-solid-state supercapacitors. <i>Nanoscale</i> , 2020, 12, 20797-20810.	5.6	29
7	Nacre-inspired composite films with high mechanical strength constructed from MXenes and wood-inspired hydrothermal cellulose-based nanofibers for high performance flexible supercapacitors. <i>Nanoscale</i> , 2021, 13, 3079-3091.	5.6	24
8	Metal-organic coordination polymer/multi-walled carbon nanotubes composites to prepare N-doped hierarchical porous carbon for high performance supercapacitors. <i>Electrochimica Acta</i> , 2018, 284, 69-79.	5.2	23
9	Facile Preparation of a 3D Porous Aligned Graphene-Based Wall Network Architecture by Confined Self-Assembly with Shape Memory for Artificial Muscle, Pressure Sensor, and Flexible Supercapacitor. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17739-17753.	8.0	23
10	Mechanically Robust and Elastic Graphene/Aramid Nanofiber/Polyaniline Nanotube Aerogels for Pressure Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17858-17868.	8.0	20
11	Mechanically stiff and high-area-performance integrated all-in-wood supercapacitors with electroactive biomass-based hydrogel. <i>Cellulose</i> , 2021, 28, 389-404.	4.9	17
12	Mechanically strong multifunctional three-dimensional crosslinked aramid nanofiber/reduced holey graphene oxide and aramid nanofiber/reduced holey graphene oxide/polyaniline hydrogels and derived films. <i>Nanoscale</i> , 2021, 13, 16734-16747.	5.6	15
13	Biomass Peach Gum-Derived Heteroatom-Doped Porous Carbon via In Situ Molten Salt Activation for High-Performance Supercapacitors. <i>Energy &amp; Fuels</i> , 2021, 35, 19801-19810.	5.1	15
14	Strategy for Constructing Nitrogen-Doped Graphene Structure by Patching Reduced Graphene Oxide under Low Temperature and Its Application in Supercapacitors. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 7475-7484.	3.7	10
15	A First-Principles Study of MBene as Anode Material for Mg-Ion Battery. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2020, 17, .	2.1	9