

# Sangui Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

742  
citations

516710

16  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient diffusion of superdense lithium <i>via</i> atomic channels for dendrite-free lithium-metal batteries. <i>Energy and Environmental Science</i> , 2022, 15, 196-205.	30.8	27
2	A Biconcave-Alleviated Strategy to Construct <i>Aspergillus niger</i> -Derived Carbon/MoS <sub>2</sub> for Ultrastable Sodium Ion Storage. <i>ACS Nano</i> , 2021, 15, 13814-13825.	14.6	49
3	Biomimetic micro cell cathode for high performance lithium-sulfur batteries. <i>Nano Energy</i> , 2020, 72, 104680.	16.0	42
4	Improved cycle capability of Titanium-doped Fe <sub>2</sub> O <sub>3</sub> anode material for Li-ion batteries. <i>Journal of Alloys and Compounds</i> , 2017, 722, 414-419.	5.5	24
5	Porous carbon derived from Sunflower as a host matrix for ultra-stable lithium-selenium battery. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 747-753.	9.4	22
6	Fabrication of WS <sub>2</sub> -nanoflowers@rGO composite as an anode material for enhanced electrode performance in lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 20-25.	9.4	47
7	Three-dimensional nanotubes composed of carbon-anchored ultrathin MoS <sub>2</sub> nanosheets with enhanced lithium storage. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19792-19797.	2.8	18
8	Bismuth oxychloride ultrathin nanoplates as an anode material for sodium-ion batteries. <i>Materials Letters</i> , 2016, 178, 44-47.	2.6	32
9	A nest-like hierarchical porous V <sub>2</sub> O <sub>5</sub> as a high-performance cathode material for Li-ion batteries. <i>Ceramics International</i> , 2016, 42, 16956-16960.	4.8	8
10	<i>Aspergillus flavus</i> Conidia-derived Carbon/Sulfur Composite as a Cathode Material for High Performance Lithium-Sulfur Battery. <i>Scientific Reports</i> , 2016, 6, 18739.	3.3	22
11	Ultrathin MnO <sub>2</sub> nanosheets grown on fungal conidium-derived hollow carbon spheres as supercapacitor electrodes. <i>RSC Advances</i> , 2016, 6, 5184-5191.	3.6	21
12	Facile Synthesis of Novel Networked Ultralong Cobalt Sulfide Nanotubes and Its Application in Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 25568-25573.	8.0	105
13	Na <sub>3.12</sub> Fe <sub>2.44</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> /multi-walled carbon nanotube composite as a cathode material for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17224-17229.	10.3	74
14	Bio-inspired synthesis of carbon hollow microspheres from <i>Aspergillus flavus</i> conidia for lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 59655-59658.	3.6	9
15	Solvent-mediated directionally self-assembling MoS <sub>2</sub> nanosheets into a novel worm-like structure and its application in sodium batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9932-9937.	10.3	74
16	NaTi <sub>3</sub> FeO <sub>8</sub> : a novel anode material for sodium-ion batteries. <i>RSC Advances</i> , 2015, 5, 44313-44316.	3.6	7
17	Na <sub>0.56</sub> Ti <sub>1.72</sub> Fe <sub>0.28</sub> O <sub>4</sub> : a novel anode material for Na-ion batteries. <i>RSC Advances</i> , 2015, 5, 88556-88559.	3.6	6
18	Synthesis of novel book-like K <sub>0.23</sub> V <sub>2</sub> O <sub>5</sub> crystals and their electrochemical behavior in lithium batteries. <i>Chemical Communications</i> , 2015, 51, 15290-15293.	4.1	17

#	ARTICLE	IF	CITATIONS
19	A selenium-confined porous carbon cathode from silk cocoons for Li-Fe battery applications. RSC Advances, 2015, 5, 96146-96150.	3.6	24
20	Fabrication of CeO <sub>2</sub> nanoparticle-modified silk for UV protection and antibacterial applications. Journal of Colloid and Interface Science, 2014, 435, 8-14.	9.4	98
21	Three-component assembly of 5-halo-1,2,3-triazoles via aerobic oxidative halogenation. Tetrahedron Letters, 2013, 54, 6057-6060.	1.4	16