

# Runsheng Gao

## List of Publications by Year in descending order

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16  
papers

585  
citations

933447

10  
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940533

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docs citations

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times ranked

851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel amorphous nickel sulfide@CoS double-shelled polyhedral nanocages for supercapacitor electrode materials with superior electrochemical properties. <i>Electrochimica Acta</i> , 2017, 237, 94-101.	5.2	114
2	Cellulose nanofiber intermediary to fabricate highly-permeable ultrathin nanofiltration membranes for fast water purification. <i>Journal of Membrane Science</i> , 2017, 524, 174-185.	8.2	113
3	In situ synthesis of MOF-derived carbon shells for silicon anode with improved lithium-ion storage. <i>Nano Energy</i> , 2020, 70, 104444.	16.0	99
4	A sandwich-like silicon-carbon composite prepared by surface-polymerization for rapid lithium-ion storage. <i>Nano Energy</i> , 2020, 78, 105341.	16.0	54
5	Metal in situ surface functionalization of polymer-grafted-carbon nanotube composite membranes for fast efficient nanofiltration. <i>Journal of Materials Chemistry A</i> , 2017, 5, 583-592.	10.3	51
6	Layered Silicon-Based Nanosheets as Electrode for 4 V High-Performance Supercapacitor. <i>Advanced Functional Materials</i> , 2020, 30, 2002200.	14.9	42
7	Nickel hydroxide nanosheet membranes with fast water and organics transport for molecular separation. <i>Nanoscale</i> , 2016, 8, 18428-18435.	5.6	26
8	Highly efficient polymer-MOF nanocomposite membrane for pervaporation separation of water/methanol/MTBE ternary mixture. <i>Chemical Engineering Research and Design</i> , 2017, 117, 688-697.	5.6	26
9	Preparation of layered Si materials as anode for lithium-ion batteries. <i>Chemical Physics Letters</i> , 2019, 730, 198-205.	2.6	18
10	Fabrication of graphene/MoS <sub>2</sub> alternately stacked structure for enhanced lithium storage. <i>Materials Chemistry and Physics</i> , 2020, 239, 121987.	4.0	11
11	Biomimetic-inspired: rapid preparation of a silicon-based composite as a high-performance lithium-ion battery anode. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11614-11622.	10.3	10
12	A green strategy for the preparation of a honeycomb-like silicon composite with enhanced lithium storage properties. <i>Nanoscale</i> , 2020, 12, 12849-12855.	5.6	7
13	A highly stable SiO <sub>x</sub> -based anode enabled by self-assembly with polyelectrolyte. <i>Electrochimica Acta</i> , 2020, 360, 136958.	5.2	6
14	Tin-cobalt bimetallics in 2D leaf-like MOF-derived carbon for advanced lithium storage applications. <i>Electrochimica Acta</i> , 2022, 410, 140036.	5.2	5
15	Polyacrylonitrile mesoporous composite membranes with high separation efficiency prepared by fast freeze-extraction process. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 49, 61-68.	5.8	2
16	A Versatile Approach Towards the Fast Fabrication of Highly-Permeable Polymer Mesoporous Membranes. <i>ChemistrySelect</i> , 2016, 1, 3049-3053.	1.5	1