

Yingze Song

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

2,704
citations

28
h-index

51
g-index

51
ext. papers

3,516
ext. citations

12
avg, IF

5.6
L-index

#	Paper	IF	Citations
47	Synchronous immobilization and conversion of polysulfides on a VO ₂ /VN binary host targeting high sulfur load LiS batteries. <i>Energy and Environmental Science</i> , 2018 , 11, 2620-2630	35.4	327
46	Rationalizing Electrocatalysis of LiS Chemistry by Mediator Design: Progress and Prospects. <i>Advanced Energy Materials</i> , 2020 , 10, 1901075	21.8	184
45	In Situ Assembly of 2D Conductive Vanadium Disulfide with Graphene as a High-Sulfur-Loading Host for Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2018 , 8, 1800201	21.8	146
44	Enhanced thermal conductivity for polyimide composites with a three-dimensional silicon carbide nanowire/graphene sheets filler. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 4884-4891	13	135
43	Enhancing the thermal, electrical, and mechanical properties of silicone rubber by addition of graphene nanoplatelets. <i>Materials and Design</i> , 2015 , 88, 950-957	8.1	123
42	Enhanced thermal and electrical properties of epoxy composites reinforced with graphene nanoplatelets. <i>Polymer Composites</i> , 2015 , 36, 556-565	3	121
41	A Highly Stretchable Cross-Linked Polyacrylamide Hydrogel as an Effective Binder for Silicon and Sulfur Electrodes toward Durable Lithium-Ion Storage. <i>Advanced Functional Materials</i> , 2018 , 28, 1705015	15.6	114
40	Enhanced thermal conductivity and retained electrical insulation for polyimide composites with SiC nanowires grown on graphene hybrid fillers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015 , 76, 73-81	8.4	104
39	Biotemplating Growth of Nepenthes-like N-Doped Graphene as a Bifunctional Polysulfide Scavenger for Li-S Batteries. <i>ACS Nano</i> , 2018 , 12, 10240-10250	16.7	104
38	Rational design of porous nitrogen-doped Ti ₃ C ₂ MXene as a multifunctional electrocatalyst for LiS chemistry. <i>Nano Energy</i> , 2020 , 70, 104555	17.1	101
37	Flexible perovskite solar cell-driven photo-rechargeable lithium-ion capacitor for self-powered wearable strain sensors. <i>Nano Energy</i> , 2019 , 60, 247-256	17.1	97
36	Enhanced Sulfur Redox and Polysulfide Regulation via Porous VN-Modified Separator for Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 5687-5694	9.5	80
35	In-situ PECVD-enabled graphene-V ₂ O ₃ hybrid host for lithium-sulfur batteries. <i>Nano Energy</i> , 2018 , 53, 432-439	17.1	76
34	MOF-derived conductive carbon nitrides for separator-modified LiS batteries and flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 1757-1766	13	73
33	Conductive and Catalytic VTe/MgO Heterostructure as Effective Polysulfide Promotor for Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2019 , 13, 13235-13243	16.7	71
32	Vanadium Dioxide-Graphene Composite with Ultrafast Anchoring Behavior of Polysulfides for Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15733-15741	9.5	70
31	Recent progress in the tailored growth of two-dimensional hexagonal boron nitride via chemical vapour deposition. <i>Chemical Society Reviews</i> , 2018 , 47, 4242-4257	58.5	70

30	One-pot facile synthesis of Bi ₂ S ₃ /SnS ₂ /Bi ₂ O ₃ ternary heterojunction as advanced double Z-scheme photocatalytic system for efficient dye removal under sunlight irradiation. <i>Applied Surface Science</i> , 2017 , 420, 233-242	6.7	61
29	Scalable Salt-Templated Synthesis of Nitrogen-Doped Graphene Nanosheets toward Printable Energy Storage. <i>ACS Nano</i> , 2019 , 13, 7517-7526	16.7	60
28	MOF-derived hierarchical CoP nanoflakes anchored on vertically erected graphene scaffolds as self-supported and flexible hosts for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 3027-3034	13	58
27	Bio-templated formation of defect-abundant VS ₂ as a bifunctional material toward high-performance hydrogen evolution reactions and lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2020 , 42, 34-42	12	56
26	All VN-graphene architecture derived self-powered wearable sensors for ultrasensitive health monitoring. <i>Nano Research</i> , 2019 , 12, 331-338	10	48
25	Recent advances of metal phosphides for Li-ion chemistry. <i>Journal of Energy Chemistry</i> , 2021 , 55, 533-548	12	47
24	Confining MOF-derived SnSe nanoplatelets in nitrogen-doped graphene cages via direct CVD for durable sodium ion storage. <i>Nano Research</i> , 2019 , 12, 3051-3058	10	39
23	Enhanced thermal and mechanical properties of polyimide/graphene composites. <i>Macromolecular Research</i> , 2014 , 22, 983-989	1.9	36
22	Effect of silica particles modified by in-situ and ex-situ methods on the reinforcement of silicone rubber. <i>Materials & Design</i> , 2014 , 64, 687-693		33
21	Biotemplated Synthesis of Transition Metal Nitride Architectures for Flexible Printed Circuits and Wearable Energy Storages. <i>Advanced Functional Materials</i> , 2018 , 28, 1805510	15.6	30
20	Phosphorization Engineering on Metal-Organic Frameworks for Quasi-Solid-State Asymmetry Supercapacitors. <i>Small</i> , 2021 , 17, e2007062	11	29
19	Defect engineering on carbon black for accelerated Li-S chemistry. <i>Nano Research</i> , 2020 , 13, 3315-3320	10	25
18	Direct synthesis of flexible graphene glass with macroscopic uniformity enabled by copper-foam-assisted PECVD. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 4813-4822	13	24
17	A Brief Review of Catalytic Cathode Materials for Na-CO ₂ Batteries. <i>Catalysts</i> , 2021 , 11, 603	4	22
16	Concurrent realization of dendrite-free anode and high-loading cathode via 3D printed N-Ti ₃ C ₂ MXene framework toward advanced Li-ion full batteries. <i>Energy Storage Materials</i> , 2021 , 41, 141-151	19.4	22
15	Epoxy composites filled with one-dimensional SiC nanowires/two-dimensional graphene nanoplatelets hybrid nanofillers. <i>RSC Advances</i> , 2014 , 4, 59409-59417	3.7	21
14	Accelerated Li-ion chemistry at a cooperative interface built in situ. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 20750-20759	13	15
13	Crystal structure transformation and dielectric properties of polymer composites incorporating zinc oxide nanorods. <i>Macromolecular Research</i> , 2014 , 22, 19-25	1.9	12

12	Solar-driven capacity enhancement of aqueous redox batteries with a vertically oriented tin disulfide array as both the photo-cathode and battery-anode. <i>Chemical Communications</i> , 2019 , 55, 1291-1294	5.8	10
11	Universal interface and defect engineering dual-strategy for graphene-oxide heterostructures toward promoted LiS chemistry. <i>Chemical Engineering Journal</i> , 2021 , 418, 129407	14.7	9
10	Structure and Properties of Reduced Graphene Oxide/Natural Rubber Latex Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 1133-139	1.3	8
9	Architecturing aligned orthorhombic Nb ₂ O ₅ nanowires toward sodium-ion hybrid capacitor and Lithium-Sulfur battery applications. <i>FlatChem</i> , 2021 , 27, 100236	5.1	8
8	Thermal CVD growth of graphene on copper particles targeting tungsten-copper composites with superior wear and arc ablation resistance properties. <i>Diamond and Related Materials</i> , 2020 , 104, 107765	3.5	6
7	Potassium mediated Co-Fe-based Prussian blue analogue architectures for aqueous potassium-ion storage. <i>Chemical Communications</i> , 2021 , 57, 7019-7022	5.8	5
6	Vanadium atom modulated electrocatalyst for accelerated LiS chemistry. <i>Nano Energy</i> , 2021 , 89, 106414	17.1	5
5	Deciphering the defect micro-environment of graphene for highly efficient LiS redox reactions. <i>EcoMat</i> , e12182	9.4	4
4	Manipulating electrocatalytic activity of carbon architecture by supercritical carbon dioxide foaming and defect engineering for LiS chemistry. <i>Journal of Power Sources</i> , 2021 , 514, 230607	8.9	4
3	An in-situ electrodeposited cobalt selenide promotor for polysulfide management targeted stable Lithium-Sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2021 , 600, 278-287	9.3	2
2	Metal organic frameworks-derived multi-shell copper-cobalt-zinc sulfide cubes for sodium-ion battery anode. <i>Chemical Engineering Journal</i> , 2021 , 425, 131501	14.7	2
1	A review of size engineering-enabled electrocatalysts for LiS chemistry. <i>Nanoscale Advances</i> ,	5.1	2