

Zhi-Long Yu

List of Publications by Year in descending order

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32
papers

3,105
citations

304743

22
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

4555
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaled-Up Synthesis of Amorphous NiFeMo Oxides and Their Rapid Surface Reconstruction for Superior Oxygen Evolution Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15772-15777.	13.8	426
2	Ion-Catalyzed Synthesis of Microporous Hard Carbon Embedded with Expanded Nanographite for Enhanced Lithium/Sodium Storage. <i>Journal of the American Chemical Society</i> , 2016, 138, 14915-14922.	13.7	360
3	Fire-Retardant and Thermally Insulating Phenolic-Silica Aerogels. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4538-4542.	13.8	266
4	SiO ₂ Encapsulated in Graphene Bubble Film: An Ultrastable Li-Ion Battery Anode. <i>Advanced Materials</i> , 2018, 30, e1707430.	21.0	243
5	Bioinspired polymeric woods. <i>Science Advances</i> , 2018, 4, eaat7223.	10.3	219
6	Fire-Retardant and Thermally Insulating Phenolic-Silica Aerogels. <i>Angewandte Chemie</i> , 2018, 130, 4628-4632.	2.0	173
7	Scalable Template Synthesis of Resorcinol-Formaldehyde/Graphene Oxide Composite Aerogels with Tunable Densities and Mechanical Properties. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2397-2401.	13.8	168
8	Mo ₂ C nanoparticles embedded within bacterial cellulose-derived 3D N-doped carbon nanofiber networks for efficient hydrogen evolution. <i>NPG Asia Materials</i> , 2016, 8, e288-e288.	7.9	153
9	Superelastic Hard Carbon Nanofiber Aerogels. <i>Advanced Materials</i> , 2019, 31, e1900651.	21.0	147
10	Polymerization under Hypersaline Conditions: A Robust Route to Phenolic Polymer-Derived Carbon Aerogels. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14623-14627.	13.8	136
11	Polymerization under Hypersaline Conditions: A Robust Route to Phenolic Polymer-Derived Carbon Aerogels. <i>Angewandte Chemie</i> , 2016, 128, 14843-14847.	2.0	120
12	Hierarchically structured Co ₃ O ₄ @carbon porous fibers derived from electrospun ZIF-67/PAN nanofibers as anodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12962-12968.	10.3	120
13	Highly Stimuli-Responsive Au Nanorods/Poly(<i>N</i> -isopropylacrylamide) (PNIPAM) Composite Hydrogel for Smart Switch. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24857-24863.	8.0	113
14	Scaled-Up Synthesis of Amorphous NiFeMo Oxides and Their Rapid Surface Reconstruction for Superior Oxygen Evolution Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 15919-15924.	2.0	62
15	Bio-inspired low-tortuosity carbon host for high-performance lithium-metal anode. <i>National Science Review</i> , 2019, 6, 247-256.	9.5	57
16	Emerging Bioinspired Artificial Woods. <i>Advanced Materials</i> , 2021, 33, e2001086.	21.0	54
17	General and Straightforward Synthetic Route to Phenolic Resin Gels Templated by Chitosan Networks. <i>Chemistry of Materials</i> , 2014, 26, 6915-6918.	6.7	45
18	Lotus-Inspired Evaporator with Janus Wettability and Bimodal Pores for Solar Steam Generation. <i>Cell Reports Physical Science</i> , 2020, 1, 100074.	5.6	43

#	ARTICLE	IF	CITATIONS
19	Origin of Batch Hydrothermal Fluid Behavior and Its Influence on Nanomaterial Synthesis. <i>Matter</i> , 2020, 2, 1270-1282.	10.0	31
20	Selective Detection of Ferric Ions by Blue-Green Photoluminescent Nitrogen-Doped Phenol Formaldehyde Resin Polymer. <i>Small</i> , 2014, 10, 3662-3666.	10.0	27
21	Scalable Template Synthesis of Resorcinol-Formaldehyde/Graphene Oxide Composite Aerogels with Tunable Densities and Mechanical Properties. <i>Angewandte Chemie</i> , 2015, 127, 2427-2431.	2.0	27
22	Large-Scale Syntheses of Zinc Sulfide-(Diethylenetriamine) _{0.5} Hybrids as Precursors for Sulfur Nanocomposite Cathodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11836-11840.	13.8	24
23	Oil-Based Self-Healing Barrier Coatings: To Flow and Not to Flow. <i>Advanced Functional Materials</i> , 2020, 30, 1906273.	14.9	24
24	Three-dimensional melamine sponge loaded with Au/ceria nanowires for continuous reduction of p-nitrophenol in a consecutive flow system. <i>Science Bulletin</i> , 2016, 61, 700-705.	9.0	21
25	Porous nitrogen-doped carbon monoliths derived from biopolymer-structured liquid precursors. <i>Microporous and Mesoporous Materials</i> , 2018, 255, 53-60.	4.4	14
26	Economical Architected Foamy Aerogel Coating for Energy Conservation and Flame Resistance. , 2022, 4, 1453-1461.		10
27	Spray-coated barrier coating on copper based on exfoliated vermiculite sheets. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4658-4663.	5.9	7
28	Rub-Resistant Antibacterial Surface Conversion Layer on Stainless Steel. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	7
29	Hard Carbon Aerogels: Superelastic Hard Carbon Nanofiber Aerogels (<i>Adv. Mater.</i> 23/2019). <i>Advanced Materials</i> , 2019, 31, 1970168.	21.0	5
30	Large-Scale Syntheses of Zinc Sulfide-(Diethylenetriamine) _{0.5} Hybrids as Precursors for Sulfur Nanocomposite Cathodes. <i>Angewandte Chemie</i> , 2017, 129, 11998-12002.	2.0	2
31	Äktitelbild: Polymerization under Hypersaline Conditions: A Robust Route to Phenolic Polymer-Derived Carbon Aerogels (<i>Angew. Chem.</i> 47/2016). <i>Angewandte Chemie</i> , 2016, 128, 15096-15096.	2.0	0
32	Rub-Resistant Antibacterial Surface Conversion Layer on Stainless Steel (<i>Adv. Mater. Interfaces</i>) Tj ETQq0 0 0 rgBTj Overlock 10 Tf 50	3.7	6