

Chengzhu Liao

List of Publications by Year in descending order

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19
papers

1,764
citations

516561

16
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

2721
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ Intermolecular Interaction in Composite Polymer Electrolyte for Ultralong Life Quasi-Solid-State Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2021, 133, 12223-12230.	1.6	20
2	In-situ Intermolecular Interaction in Composite Polymer Electrolyte for Ultralong Life Quasi-Solid-State Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12116-12123.	7.2	97
3	Core-shell structured polyethylene glycol functionalized graphene for energy-storage polymer dielectrics: Combined mechanical and dielectric performances. <i>Composites Science and Technology</i> , 2020, 199, 108341.	3.8	16
4	Recent Advances in Zinc Oxide Nanostructures with Antimicrobial Activities. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8836.	1.8	52
5	Polyetheretherketone and Its Composites for Bone Replacement and Regeneration. <i>Polymers</i> , 2020, 12, 2858.	2.0	69
6	Interactions of Zinc Oxide Nanostructures with Mammalian Cells: Cytotoxicity and Photocatalytic Toxicity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6305.	1.8	69
7	An all-in-one supercapacitor working at sub-zero temperatures. <i>Science China Materials</i> , 2020, 63, 660-666.	3.5	18
8	Visible-Light Active Titanium Dioxide Nanomaterials with Bactericidal Properties. <i>Nanomaterials</i> , 2020, 10, 124.	1.9	118
9	Versatile Strategy for Realizing Flexible Room-Temperature All-Solid-State Battery through a Synergistic Combination of Salt Affluent PEO and $\text{Li}_{6.75}\text{La}_3\text{Zr}_{1.75}\text{Ta}_{0.25}\text{O}_{12}$ Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7222-7231.	4.0	63
10	Antibacterial Activities of Aliphatic Polyester Nanocomposites with Silver Nanoparticles and/or Graphene Oxide Sheets. <i>Nanomaterials</i> , 2019, 9, 1102.	1.9	44
11	Electrospun Polyvinylidene Fluoride-Based Fibrous Scaffolds with Piezoelectric Characteristics for Bone and Neural Tissue Engineering. <i>Nanomaterials</i> , 2019, 9, 952.	1.9	109
12	Enhanced electrochemical performance of solid PEO/LiClO ₄ electrolytes with a 3D porous $\text{Li}_6.28\text{La}_3\text{Zr}_2\text{Al}_0.24\text{O}_{12}$ network. <i>Composites Science and Technology</i> , 2019, 184, 107863.	3.8	38
13	Bactericidal and Cytotoxic Properties of Silver Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 449.	1.8	588
14	Synthetic Biodegradable Aliphatic Polyester Nanocomposites Reinforced with Nanohydroxyapatite and/or Graphene Oxide for Bone Tissue Engineering Applications. <i>Nanomaterials</i> , 2019, 9, 590.	1.9	52
15	Polyethylene oxide/garnet-type $\text{Li}_6.4\text{La}_3\text{Zr}_{1.4}\text{Nb}_{0.6}\text{O}_{12}$ composite electrolytes with improved electrochemical performance for solid state lithium rechargeable batteries. <i>Composites Science and Technology</i> , 2019, 175, 28-34.	3.8	65
16	Graphene Nanomaterials: Synthesis, Biocompatibility, and Cytotoxicity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3564.	1.8	293
17	Scalable Fabrication of High-Performance Transparent Conductors Using Graphene Oxide-Stabilized Single-Walled Carbon Nanotube Inks. <i>Nanomaterials</i> , 2018, 8, 224.	1.9	11
18	Preparation and application of ratiometric polystyrene-based microspheres as oxygen sensors. <i>Analytica Chimica Acta</i> , 2018, 1030, 194-201.	2.6	14

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19	Graphene oxide/poly(vinyl alcohol) hydrogels with good tensile properties and reusable adsorption properties. <i>Plastics, Rubber and Composites</i> , 2017, 46, 53-59.	0.9	28