Chengzhu Liao

List of Publications by Year
in descending order

19	1,764	516561 16	794469 19
papers	citations	h-index	g-index

19	19	19	2721
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bactericidal and Cytotoxic Properties of Silver Nanoparticles. International Journal of Molecular Sciences, 2019, 20, 449.	1.8	588
2	Graphene Nanomaterials: Synthesis, Biocompatibility, and Cytotoxicity. International Journal of Molecular Sciences, 2018, 19, 3564.	1.8	293
3	Visible-Light Active Titanium Dioxide Nanomaterials with Bactericidal Properties. Nanomaterials, 2020, 10, 124.	1.9	118
4	Electrospun Polyvinylidene Fluoride-Based Fibrous Scaffolds with Piezoelectric Characteristics for Bone and Neural Tissue Engineering. Nanomaterials, 2019, 9, 952.	1.9	109
5	Inâ€Situ Intermolecular Interaction in Composite Polymer Electrolyte for Ultralong Life Quasiâ€Solidâ€State Lithium Metal Batteries. Angewandte Chemie - International Edition, 2021, 60, 12116-12123.	7.2	97
6	Polyetheretherketone and Its Composites for Bone Replacement and Regeneration. Polymers, 2020, 12, 2858.	2.0	69
7	Interactions of Zinc Oxide Nanostructures with Mammalian Cells: Cytotoxicity and Photocatalytic Toxicity. International Journal of Molecular Sciences, 2020, 21, 6305.	1.8	69
8	Polyethylene oxide/garnet-type Li6.4La3Zr1.4Nb0.6O12 composite electrolytes with improved electrochemical performance for solid state lithium rechargeable batteries. Composites Science and Technology, 2019, 175, 28-34.	3.8	65
9	Versatile Strategy for Realizing Flexible Room-Temperature All-Solid-State Battery through a Synergistic Combination of Salt Affluent PEO and Li_{6.75}La₃Zr_{1.75}Ta_{0.25}O₁₂ Nanofibers. ACS Applied Materials & Interfaces, 2020, 12, 7222-7231.	4.0	63
10	Synthetic Biodegradable Aliphatic Polyester Nanocomposites Reinforced with Nanohydroxyapatite and/or Graphene Oxide for Bone Tissue Engineering Applications. Nanomaterials, 2019, 9, 590.	1.9	52
11	Recent Advances in Zinc Oxide Nanostructures with Antimicrobial Activities. International Journal of Molecular Sciences, 2020, 21, 8836.	1.8	52
12	Antibacterial Activities of Aliphatic Polyester Nanocomposites with Silver Nanoparticles and/or Graphene Oxide Sheets. Nanomaterials, 2019, 9, 1102.	1.9	44
13	Enhanced electrochemical performance of solid PEO/LiClO4 electrolytes with a 3D porous Li6.28La3Zr2Al0.24O12 network. Composites Science and Technology, 2019, 184, 107863.	3.8	38
14	Graphene oxide/poly(vinyl alcohol) hydrogels with good tensile properties and reusable adsorption properties. Plastics, Rubber and Composites, 2017, 46, 53-59.	0.9	28
15	Inâ€Situ Intermolecular Interaction in Composite Polymer Electrolyte for Ultralong Life Quasiâ€Solidâ€State Lithium Metal Batteries. Angewandte Chemie, 2021, 133, 12223-12230.	1.6	20
16	An all-in-one supercapacitor working at sub-zero temperatures. Science China Materials, 2020, 63, 660-666.	3.5	18
17	Core-shell structured polyethylene glycol functionalized graphene for energy-storage polymer dielectrics: Combined mechanical and dielectric performances. Composites Science and Technology, 2020, 199, 108341.	3.8	16
18	Preparation and application of ratiometric polystyrene-based microspheres as oxygen sensors. Analytica Chimica Acta, 2018, 1030, 194-201.	2.6	14

#	Article	IF	Citations
19	Scalable Fabrication of High-Performance Transparent Conductors Using Graphene Oxide-Stabilized Single-Walled Carbon Nanotube Inks. Nanomaterials, 2018, 8, 224.	1.9	11