

Yuan-Lin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

365
citations

933447

10
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Lead borate@polydopamine core-shell particles chemically bonded with silicone rubber for neutron and γ rays shielding. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51914.	2.6	9
2	Functionalised graphene oxide-bromobutyl rubber composites with segregated structure for enhanced gas barrier properties. <i>Plastics, Rubber and Composites</i> , 2022, 51, 363-371.	2.0	4
3	Effects of preparation temperature on alkynyl-functionalized graphene oxide. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2022, 30, 1109-1115.	2.1	1
4	Facile and environmental-friendly preparation of alkynyl-functionalized graphene oxide by epoxy ring-opening. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 407-413.	2.1	3
5	High loading boron nitride chemically bonded with silicone rubber to enhance thermal neutron shielding and flexibility of polymer nanocomposites. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50774.	2.6	11
6	Improving mechanical and water vapor barrier properties of the parylene C film by UV-curable polyurethane acrylate coating. <i>E-Polymers</i> , 2021, 21, 830-844.	3.0	2
7	Selective Carbon Dioxide Capture in Antifouling Indole-based Microporous Organic Polymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020, 38, 187-194.	3.8	9
8	Facile route to preparation of positively charged GO using poly (diallyldimethylammoniumchloride). <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 394-401.	2.1	5
9	Nanodiamond-Modified Microencapsulated Phase-Change Materials with Superhydrophobicity and High Light-to-Thermal Conversion Efficiency. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 21736-21744.	3.7	12
10	Study on the Influencing Factors in the Process of Surface Strippable Decontaminant. <i>Coatings</i> , 2020, 10, 649.	2.6	11
11	Synthesis and Preparation of (Acrylic Copolymer) Ternary System Peelable Sealing Decontamination Material. <i>Polymers</i> , 2020, 12, 1556.	4.5	9
12	Chemically bonding BaTiO ₃ nanoparticles in highly filled polymer nanocomposites for greatly enhanced dielectric properties. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8786-8795.	5.5	21
13	Structure, surface tension, and rheological behaviors of hydrophobically associative polyacrylamides by self-emulsified microemulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49234.	2.6	4
14	Multifunctional silicone rubber/paraffin@PbWO ₄ phase-change composites for thermoregulation and gamma radiation shielding. <i>International Journal of Energy Research</i> , 2020, 44, 7674-7686.	4.5	17
15	Multifunctional phase change microcapsules based on graphene oxide Pickering emulsion for photothermal energy conversion and superhydrophobicity. <i>International Journal of Energy Research</i> , 2020, 44, 4464-4474.	4.5	44
16	NiFePd/Uio-66 nanocomposites as highly efficient catalysts to accelerate hydrogen evolution from hydrous hydrazine. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2727-2735.	6.0	21
17	Phase change microcapsules with lead tungstate shell for gamma radiation shielding and thermal energy storage. <i>International Journal of Energy Research</i> , 2019, 43, 8398.	4.5	14
18	Bifunctional Paraffin@CaCO ₃ :Ce ³⁺ Phase Change Microcapsules for Thermal Energy Storage and Photoluminescence. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18854-18862.	6.7	42

#	ARTICLE	IF	CITATIONS
19	Facile and Eco-Friendly Preparation of GO/BIIR Composite for Gas Barrier Applications. Nano, 2019, 14, 1950016.	1.0	4
20	A robust and flexible bulk superhydrophobic material from silicone rubber/silica gel prepared by thiol-ene photopolymerization. Journal of Materials Chemistry A, 2019, 7, 7242-7255.	10.3	78
21	Improved hydrogen adsorption of 5A molecular sieves by enhancing its thermal conductivity. Applied Physics Letters, 2018, 113, .	3.3	6
22	PbWO ₄ nanofibers for shielding gamma radiation: crystal growth, morphology and performance evaluation. CrystEngComm, 2018, 20, 6197-6206.	2.6	20
23	Fabrication of Poly(methyl methacrylate)- <i>block</i> -Poly(methacrylic acid) Diblock Copolymer as a Self-embrittling Strippable Coating for Radioactive Decontamination. Chemistry Letters, 2016, 45, 793-794.	1.3	12
24	Self-propagating High-temperature Synthesis and Photoluminescence Properties of Bi ₃ B ₅ O ₁₂ Powders. Chemistry Letters, 2015, 44, 571-573.	1.3	4