Yuan-Lin Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5090481/publications.pdf

Version: 2024-02-01

24	365	933447 10	794594 19
papers	citations	h-index	g-index

25	25	25	339
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A robust and flexible bulk superhydrophobic material from silicone rubber/silica gel prepared by thiolâ€“ene photopolymerization. Journal of Materials Chemistry A, 2019, 7, 7242-7255.	10.3	78
2	Multifunctional phase change microcapsules based on graphene oxide Pickering emulsion for photothermal energy conversion and superhydrophobicity. International Journal of Energy Research, 2020, 44, 4464-4474.	4.5	44
3	Bifunctional Paraffin@CaCO₃:Ce³⁺ Phase Change Microcapsules for Thermal Energy Storage and Photoluminescence. ACS Sustainable Chemistry and Engineering, 2019, 7, 18854-18862.	6.7	42
4	NiFePd/UiO-66 nanocomposites as highly efficient catalysts to accelerate hydrogen evolution from hydrous hydrazine. Inorganic Chemistry Frontiers, 2019, 6, 2727-2735.	6.0	21
5	Chemically bonding BaTiO₃ nanoparticles in highly filled polymer nanocomposites for greatly enhanced dielectric properties. Journal of Materials Chemistry C, 2020, 8, 8786-8795.	5.5	21
6	PbWO₄ nanofibers for shielding gamma radiation: crystal growth, morphology and performance evaluation. CrystEngComm, 2018, 20, 6197-6206.	2.6	20
7	Multifunctional silicone rubber/paraffin@ <scp> PbWO ₄ </scp> phaseâ€change composites for thermoregulation and gamma radiation shielding. International Journal of Energy Research, 2020, 44, 7674-7686.	4.5	17
8	Phase change microcapsules with lead tungstate shell for gamma radiation shielding and thermal energy storage. International Journal of Energy Research, 2019, 43, 8398.	4.5	14
9	Fabrication of Poly(methyl methacrylate)-block-Poly(methacrylic acid) Diblock Copolymer as a Self-embrittling Strippable Coating for Radioactive Decontamination. Chemistry Letters, 2016, 45, 793-794.	1.3	12
10	Nanodiamond-Modified Microencapsulated Phase-Change Materials with Superhydrophobicity and High Light-to-Thermal Conversion Efficiency. Industrial & Engineering Chemistry Research, 2020, 59, 21736-21744.	3.7	12
11	Study on the Influencing Factors in the Process of Surface Strippable Decontaminant. Coatings, 2020, 10, 649.	2.6	11
12	High loading boron nitride chemically bonded with silicone rubber to enhance thermal neutron shielding and flexibility of polymer nanocomposites. Journal of Applied Polymer Science, 2021, 138, 50774.	2.6	11
13	Selective Carbon Dioxide Capture in Antifouling Indole-based Microporous Organic Polymers. Chinese Journal of Polymer Science (English Edition), 2020, 38, 187-194.	3.8	9
14	Synthesis and Preparation of (Acrylic Copolymer) Ternary System Peelable Sealing Decontamination Material. Polymers, 2020, 12, 1556.	4.5	9
15	Lead borate@polydopamine coreâ€“shell particles chemically bonded with silicone rubber for neutron and Î³â€rays shielding. Journal of Applied Polymer Science, 2022, 139, 51914.	2.6	9
16	Improved hydrogen adsorption of 5A molecular sieves by enhancing its thermal conductivity. Applied Physics Letters, 2018, 113, .	3.3	6
17	Facile route to preparation of positively charged GO using poly (diallyldimethylammoniumchloride). Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 394-401.	2.1	5
18	Self-propagating High-temperature Synthesis and Photoluminescence Properties of Bi3B5O12 Powders. Chemistry Letters, 2015, 44, 571-573.	1.3	4

#	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	Structure, surface tension, and rheological behaviors of hydrophobically associative polyacrylamides by selfâ€emulsified microemulsion polymerization. Journal of Applied Polymer Science, 2020, 137, 49234.	2.6	4
21	Functionalised graphene oxide-bromobutyl rubber composites with segregated structure for enhanced gas barrier properties. Plastics, Rubber and Composites, 2022, 51, 363-371.	2.0	4
22	Facile and environmental-friendly preparation of alkynyl-functionalized graphene oxide by epoxy ring-opening. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 407-413.	2.1	3
23	Improving mechanical and water vapor barrier properties of the parylene C film by UV-curable polyurethane acrylate coating. E-Polymers, 2021, 21, 830-844.	3.0	2
24	Effects of preparation temperature on alkynyl-functionalized graphene oxide. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 1109-1115.	2.1	1