

Xiaoyan

List of Publications by Year in descending order

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11
papers

434
citations

1040056

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times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient and stable inverted perovskite solar cells with very high fill factors via incorporation of star-shaped polymer. <i>Science Advances</i> , 2021, 7, .	10.3	195
2	Polyhedral Oligomeric Silsesquioxane Hybrid Polymers: Well-Defined Architectural Design and Potential Functional Applications. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900101.	3.9	80
3	Tuning the surface hydrophobicity of honeycomb porous films fabricated by star-shaped POSS-fluorinated acrylates polymer via breath-figure-templated self-assembly. <i>Materials and Design</i> , 2016, 96, 1-9.	7.0	30
4	Preparation and characterization of polypropylene supported electrospun POSS-(C ₃ H ₆ Cl) ₈ /PVDF gel polymer electrolytes for lithium-ion batteries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 580, 123750.	4.7	26
5	Enhanced toughness and lowered dielectric loss of reactive POSS modified bismaleimide resin as well as the silica fiber reinforced composites. <i>Polymer Composites</i> , 2021, 42, 6900-6911.	4.6	24
6	Synthesis of 3,13-diglycidyloxypropyloctaphenyl double-decker polyhedral oligomeric silsesquioxane and the thermal reaction properties with thermosetting phenol-formaldehyde resin. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49376.	2.6	21
7	Preparation of quadruple responsive polymeric micelles combining temperature, pH, redox, and UV-responsive behaviors and its application in controlled release system. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46675.	2.6	15
8	Enhanced ablation resistance of Divinyl-POSS modified additional liquid silicone rubber and its fiber reinforced composite. <i>Polymer Composites</i> , 2022, 43, 2896-2908.	4.6	15
9	Enhanced thermal and anti-ablation properties of high-temperature resistant reactive POSS modified boron phenolic resin. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	11
10	Effects of high-energy multicore ferrocene-based catalysts on the thermal decomposition of ammonium perchlorate. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	9
11	Switchable electrode functionalized with an azobenzene-containing copolymer thin film using the Langmuir-Schaefer technique for a smart uric acid/air fuel cell. <i>Electrochemistry Communications</i> , 2017, 77, 49-53.	4.7	8