

Yuan Xue

List of Publications by Year in descending order

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8
papers

251
citations

1307594
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times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Thermal Stability of Perovskite Solar Cells by Suppressing Ion Migration Using Copolymer Grain Encapsulation. <i>Chemistry of Materials</i> , 2021, 33, 6120-6135.	6.7	22
2	Synthesis of an Effective Flame-Retardant Hydrogel for Skin Protection Using Xanthan Gum and Resorcinol Bis(diphenyl phosphate)-Coated Starch. <i>Biomacromolecules</i> , 2021, 22, 4535-4543.	5.4	8
3	Enhancing Chemical Stability and Suppressing Ion Migration in CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells <i>via</i> Direct Backbone Attachment of Polyesters on Grain Boundaries. <i>Chemistry of Materials</i> , 2020, 32, 5104-5117.	6.7	64
4	Operation of proton exchange membrane (PEM) fuel cells using natural cellulose fiber membranes. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2725-2732.	4.9	28
5	Engineering Styrenic Blends with Poly(lactic acid). <i>Macromolecules</i> , 2019, 52, 7547-7556.	4.8	19
6	Simultaneous in Situ X-ray Scattering and Infrared Imaging of Polymer Extrusion in Additive Manufacturing. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1559-1567.	4.4	43
7	Designing Nanoplatelet Alloy/Nafion Catalytic Interface for Optimization of PEMFCs: Performance, Durability, and CO Resistance. <i>ACS Catalysis</i> , 2019, 9, 1446-1456.	11.2	29
8	Incorporation of cellulose with adsorbed phosphates into poly (lactic acid) for enhanced mechanical and flame retardant properties. <i>Polymer Degradation and Stability</i> , 2017, 144, 24-32.	5.8	38