

# Yuan Xue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9811675/publications.pdf>

Version: 2024-02-01

8  
papers

251  
citations

1307594  
7  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing Chemical Stability and Suppressing Ion Migration in CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> Perovskite Solar Cells via Direct Backbone Attachment of Polyesters on Grain Boundaries. <i>Chemistry of Materials</i> , 2020, 32, 5104-5117.	6.7	64
2	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
3	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
4	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
5	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
6	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
7	Engineering Styrenic Blends with Poly(lactic acid). <i>Macromolecules</i> , 2019, 52, 7547-7556.	4.8	19
8	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