

# Ran Tao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4889390/publications.pdf>

Version: 2024-02-01

11  
papers

198  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermophysical Properties of Imidazolium-Based Ionic Liquids: The Effect of Aliphatic versus Aromatic Functionality. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 2717-2724.	1.9	61
2	Rheology of Imidazolium-Based Ionic Liquids with Aromatic Functionality. <i>Journal of Physical Chemistry B</i> , 2015, 119, 11953-11959.	2.6	37
3	Fragility of ionic liquids measured by Flash differential scanning calorimetry. <i>Thermochimica Acta</i> , 2017, 654, 121-129.	2.7	36
4	Bulk and shear rheology of silica/polystyrene nanocomposite: Reinforcement and dynamics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 621-632.	2.1	24
5	Pressure-Volume-Temperature and glass transition behavior of silica/polystyrene nanocomposite. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 1131-1138.	2.1	14
6	Multiscale Polymer Dynamics in Hierarchical Carbon Nanotube Grafted Glass Fiber Reinforced Composites. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1905-1917.	4.4	11
7	Rheological Characterization of Next-Generation Ballistic Witness Materials for Body Armor Testing. <i>Polymers</i> , 2019, 11, 447.	4.5	9
8	End effect correction for orthogonal small strain oscillatory shear in a rotational shear rheometer. <i>Rheologica Acta</i> , 2020, 59, 95-108.	2.4	5
9	Temperature-insensitive silicone composites as ballistic witness materials: the impact of water content on the thermophysical properties. <i>Journal of Materials Science</i> , 2021, 56, 16362-16375.	3.7	1
10	Calibration Procedures for Orthogonal Superposition Rheology. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	0
11	Solution Blow Spinning of Polymeric Nano-Composite Fibers for Personal Protective Equipment. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0