

Shuyi Wu

List of Publications by Year in descending order

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Version: 2024-02-01

5
papers

55
citations

1937685

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2053705

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g-index

5
all docs

5
docs citations

5
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time quantitative measurement of mechanical properties of spherical hydrogels during degradation by hydrodynamic loading and numerical simulation. <i>Polymer Degradation and Stability</i> , 2022, 202, 110055.	5.8	1
2	Photocuring Three-Dimensional Printing of Thermoplastic Polymers Enabled by Hydrogen Bonds. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 22946-22954.	8.0	24
3	DNA fragmentation in complicated flow fields created by micro-funnel shapes. <i>Soft Matter</i> , 2021, 17, 9047-9056.	2.7	11
4	Microfluidic DNA combing for parallel single-molecule analysis. <i>Nanotechnology</i> , 2019, 30, 045101.	2.6	8
5	Modelling DNA extension and fragmentation in contractive microfluidic devices: a Brownian dynamics and computational fluid dynamics approach. <i>Soft Matter</i> , 2018, 14, 8780-8791.	2.7	11