

Wenlei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1869582/publications.pdf>

Version: 2024-02-01

7
papers

352
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue of double-network hydrogels. <i>Engineering Fracture Mechanics</i> , 2018, 187, 74-93.	4.3	156
2	Fracture Toughness and Fatigue Threshold of Tough Hydrogels. <i>ACS Macro Letters</i> , 2019, 8, 17-23.	4.8	86
3	The Stiffness-Threshold Conflict in Polymer Networks and a Resolution. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2020, 87, .	2.2	32
4	Fatigue-resistant adhesion I. Long-chain polymers as elastic dissipaters. <i>Extreme Mechanics Letters</i> , 2020, 39, 100813.	4.1	29
5	A Phenomenological Model for Shakedown of Tough Hydrogels Under Cyclic Loads. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2018, 85, .	2.2	21
6	Flaw-sensitivity of a tough hydrogel under monotonic and cyclic loads. <i>Journal of the Mechanics and Physics of Solids</i> , 2021, 153, 104483.	4.8	20
7	Fatigue-resistant adhesion II: Swell tolerance. <i>Extreme Mechanics Letters</i> , 2021, 43, 101182.	4.1	8