

Zi Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8399283/publications.pdf>

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9
papers

635
citations

1163117
8
h-index

1474206
9
g-index

11
all docs

11
docs citations

11
times ranked

542
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Characterization of Polymer Networks. <i>Chemical Reviews</i> , 2021, 121, 5042-5092.	47.7	140
2	BigSMILES: A Structurally-Based Line Notation for Describing Macromolecules. <i>ACS Central Science</i> , 2019, 5, 1523-1531.	11.3	134
3	Toughening hydrogels through force-triggered chemical reactions that lengthen polymer strands. <i>Science</i> , 2021, 374, 193-196.	12.6	124
4	Quantitative and Mechanistic Mechanochemistry in Ferrocene Dissociation. <i>ACS Macro Letters</i> , 2018, 7, 1174-1179.	4.8	84
5	Distal conformational locks on ferrocene mechanophores guide reaction pathways for increased mechanochemical reactivity. <i>Nature Chemistry</i> , 2021, 13, 56-62.	13.6	67
6	Dynamic Memory Effects in the Mechanochemistry of Cyclic Polymers. <i>Journal of the American Chemical Society</i> , 2019, 141, 10943-10947.	13.7	41
7	Stereochemical effects on the mechanochemical scission of furan- <i>maleimide Diels-Alder</i> adducts. <i>Chemical Communications</i> , 2019, 55, 12263-12266.	4.1	26
8	PolyDAT: A Generic Data Schema for Polymer Characterization. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 1150-1163.	5.4	16
9	Pulling Outward but Reacting Inward: Mechanically Induced Symmetry-Allowed Reactions of cis- and trans-Diester-Substituted Dichlorocyclopropanes. <i>Synlett</i> , 2022, 33, 885-889.	1.8	3