Zhengyang Kong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9647686/publications.pdf

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11	546	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Waterproof, Highly Tough, and Fast Self-Healing Polyurethane for Durable Electronic Skin. ACS Applied Materials & Interfaces, 2020, 12, 11072-11083.	8.0	149
2	A Biologically Muscleâ€Inspired Polyurethane with Superâ€Tough, Thermal Reparable and Selfâ€Healing Capabilities for Stretchable Electronics. Advanced Functional Materials, 2021, 31, 2009869.	14.9	104
3	A mild method to prepare high molecular weight poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (furandicarboxy mechanical, and barrier properties and biodegradability. Green Chemistry, 2019, 21, 3013-3022.	9.0	76
4	Reexamination of the microphase separation in MDI and PTMG based polyurethane: Fast and continuous association/dissociation processes of hydrogen bonding. Polymer, 2019, 185, 121943.	3.8	52
5	A Selfâ€Healing and Ionic Liquid Affiliative Polyurethane toward a Piezo 2 Protein Inspired Ionic Skin. Advanced Functional Materials, 2022, 32, 2106341.	14.9	48
6	Biodegradable Elastomer from 2,5-Furandicarboxylic Acid and Îµ-Caprolactone: Effect of Crystallization on Elasticity. ACS Sustainable Chemistry and Engineering, 2019, 7, 17778-17788.	6.7	34
7	Sustainable and rapidly degradable poly(butylene carbonate-co-cyclohexanedicarboxylate): influence of composition on its crystallization, mechanical and barrier properties. Polymer Chemistry, 2019, 10, 1812-1822.	3.9	29
8	An anti-stress relaxation, anti-fatigue, mildew proof and self-healing poly(thiourethane-urethane) for durably stretchable electronics. Chemical Engineering Journal, 2021, 420, 127691.	12.7	21
9	Toughening Polylactic Acid by a Biobased Poly(Butylene 2,5-Furandicarboxylate)-b-Poly(Ethylene) Tj ETQq1 1 0.784314 rgBT /C Biomacromolecules, 2021, 22, 374-385.	5.4	17
10	A High Performance Copolyester with â€œLockedâ€•Biodegradability: Solid Stability and Controlled Degradation Enabled by Acid-Labile Acetal. ACS Sustainable Chemistry and Engineering, 2021, 9, 2280-2290.	6.7	15
11	Poly(<scp>l</scp>-lactic acid) Microdomain as a Nanopolarization Rotator in a Flexible, Elastic, and Transparent Polyurethane. ACS Applied Polymer Materials, 2020, 2, 3993-4003.	4.4	1