

Liwei Zhao

List of Publications by Year in descending order

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papers

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citations

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676
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#	ARTICLE	IF	CITATIONS
1	Toughening of benzoxazine structural adhesives and surface films. <i>Journal of Adhesion Science and Technology</i> , 2023, 37, 740-754.	1.4	2
2	A simple and green strategy for preparing flexible thermoplastic polyimide foams with exceptional mechanical, thermal-insulating properties, and temperature resistance for high-temperature lightweight composite sandwich structures. <i>Composites Part B: Engineering</i> , 2022, 228, 109405.	5.9	25
3	Vitrimeric silicone composite with high thermal conductivity and high repairing efficiency as thermal interface materials. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 273-283.	5.0	21
4	A comparative study on the rheological, thermal, and mechanical performance of epoxy resin modified with thermoplastics. <i>Journal of Adhesion Science and Technology</i> , 2021, 35, 1393-1403.	1.4	12
5	Robust, Self-Healable Siloxane Elastomers Constructed by Multiple Dynamic Bonds for Stretchable Electronics and Microsystems. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 2154-2162.	1.8	17
6	Environmental Resistance and Fatigue Behaviors of Epoxy/Nano-Boron Nitride Thermally Conductive Structural Film Adhesive Toughened by Polyphenoxy. <i>Polymers</i> , 2021, 13, 3253.	2.0	5
7	Surface Treatment of Composites with Bismaleimide Resin-Based Wet Peel Ply for Enhanced Adhesive Bonding Performance. <i>Polymers</i> , 2021, 13, 3488.	2.0	9
8	A self-healing silicone/BN composite with efficient healing property and improved thermal conductivities. <i>Composites Science and Technology</i> , 2020, 186, 107919.	3.8	75
9	Hexagonal CoSe ₂ nanosheets stabilized by nitrogen-doped reduced graphene oxide for efficient hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 1738-1747.	3.8	16
10	Performance of high-temperature thermosetting polyimide composites modified with thermoplastic polyimide. <i>Polymer Testing</i> , 2020, 90, 106746.	2.3	30
11	Fast room-temperature self-healing siloxane elastomer for healable stretchable electronics. <i>Journal of Colloid and Interface Science</i> , 2020, 573, 105-114.	5.0	48
12	Self-Healing Polysiloxane Elastomer Based on Integration of Covalent and Reversible Networks. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21504-21512.	1.8	40
13	Interfacially reinforced carbon fiber silicone resin via constructing functional nano-structural silver. <i>Composites Science and Technology</i> , 2019, 181, 107689.	3.8	58
14	Functionalized graphene-reinforced polysiloxane nanocomposite with improved mechanical performance and efficient healing properties. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47725.	1.3	14
15	Self-healable polysiloxane/graphene nanocomposite and its application in pressure sensor. <i>Journal of Materials Science</i> , 2019, 54, 5472-5483.	1.7	52
16	High ink absorption performance of inkjet printing based on SiO ₂ @Al ₁₃ core-shell composites. <i>Applied Surface Science</i> , 2018, 436, 995-1002.	3.1	12
17	Effect of Polymerizable Photoinitiators on the UV-curable polymerization behaviors of photosensitive polysiloxane. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1696-1705.	2.5	15
18	Photocatalysts: Synergetic Photocatalytic Nanostructures Based on Au/TiO ₂ /Reduced Graphene Oxide for Efficient Degradation of Organic Pollutants (Part. Part. Syst. Charact. 3/2017). <i>Particle and Particle Systems Characterization</i> , 2017, 34, .	1.2	0

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19	Synergetic Photocatalytic Nanostructures Based on Au/TiO ₂ /Reduced Graphene Oxide for Efficient Degradation of Organic Pollutants. Particle and Particle Systems Characterization, 2017, 34, 1600323.	1.2	14
20	Interfacially reinforced carbon fiber composites by grafting modified methylsilicone resin. Composites Science and Technology, 2017, 140, 39-45.	3.8	66
21	Improved thermal stability of methylsilicone resins by compositing with N-doped graphene oxide/Co ₃ O ₄ nanoparticles. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	14
22	Bis[4-(4-maleimidephenoxy)phenyl]propane/4,4'-bismaleimidodiphenylmethene blend modified with diallyl bisphenol A. Journal of Applied Polymer Science, 2014, 131, .	1.3	10