Liwei Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8852174/publications.pdf

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22	555	623188 14	713013 21
papers	citations	h-index	g-index

22	22	22	676
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A self-healing silicone/BN composite with efficient healing property and improved thermal conductivities. Composites Science and Technology, 2020, 186, 107919.	3.8	75
2	Interfacially reinforced carbon fiber composites by grafting modified methylsilicone resin. Composites Science and Technology, 2017, 140, 39-45.	3.8	66
3	Interfacially reinforced carbon fiber silicone resin via constructing functional nano-structural silver. Composites Science and Technology, 2019, 181, 107689.	3.8	58
4	Self-healable polysiloxane/graphene nanocomposite and its application in pressure sensor. Journal of Materials Science, 2019, 54, 5472-5483.	1.7	52
5	Fast room-temperature self-healing siloxane elastomer for healable stretchable electronics. Journal of Colloid and Interface Science, 2020, 573, 105-114.	5.0	48
6	Self-Healing Polysiloxane Elastomer Based on Integration of Covalent and Reversible Networks. Industrial & Engineering Chemistry Research, 2019, 58, 21504-21512.	1.8	40
7	Performance of high-temperature thermosetting polyimide composites modified with thermoplastic polyimide. Polymer Testing, 2020, 90, 106746.	2.3	30
8	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. Composites Part B: Engineering, 2022, 228, 109405.	5.9	25
9	Vitrimeric silicone composite with high thermal conductivity and high repairing efficiency as thermal interface materials. Journal of Colloid and Interface Science, 2022, 620, 273-283.	5.0	21
10	Robust, Self-Healable Siloxane Elastomers Constructed by Multiple Dynamic Bonds for Stretchable Electronics and Microsystems. Industrial & Engineering Chemistry Research, 2021, 60, 2154-2162.	1.8	17
11	Hexagonal CoSe2 nanosheets stabilized by nitrogen-doped reduced graphene oxide for efficient hydrogen evolution reaction. International Journal of Hydrogen Energy, 2020, 45, 1738-1747.	3.8	16
12	Effect of Polymerizable Photoinitiators on the UVâ€polymerization behaviors of photosensitive polysiloxane. Journal of Polymer Science Part A, 2017, 55, 1696-1705.	2.5	15
13	Improved thermal stability of methylsilicone resins by compositing with N-doped graphene oxide/Co3O4 nanoparticles. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	14
14	Synergetic Photocatalytic Nanostructures Based on Au/TiO₂/Reduced Graphene Oxide for Efficient Degradation of Organic Pollutants. Particle and Particle Systems Characterization, 2017, 34, 1600323.	1.2	14
15	Functionalized grapheneâ€reinforced polysiloxane nanocomposite with improved mechanical performance and efficient healing properties. Journal of Applied Polymer Science, 2019, 136, 47725.	1.3	14
16	High ink absorption performance of inkjet printing based on SiO2@Al13 core-shell composites. Applied Surface Science, 2018, 436, 995-1002.	3.1	12
17	A comparative study on the rheological, thermal, and mechanical performance of epoxy resin modified with thermoplastics. Journal of Adhesion Science and Technology, 2021, 35, 1393-1403.	1.4	12
18	Bis[4â€(4â€maleimidephenâ€oxy)phenyl]propane/N,Nâ€4,4â€²â€bismaleimidodiphenylmethyene blend modified with diallyl bisphenol A. Journal of Applied Polymer Science, 2014, 131, .	1.3	10

#	Article	IF	Citations
19	Surface Treatment of Composites with Bismaleimide Resin-Based Wet Peel Ply for Enhanced Adhesive Bonding Performance. Polymers, 2021, 13, 3488.	2.0	9
20	Environmental Resistance and Fatigue Behaviors of Epoxy/Nano-Boron Nitride Thermally Conductive Structural Film Adhesive Toughened by Polyphenoxy. Polymers, 2021, 13, 3253.	2.0	5
21	Toughening of benzoxazine structural adhesives and surface films. Journal of Adhesion Science and Technology, 2023, 37, 740-754.	1.4	2
22	Photocatalysts: Synergetic Photocatalytic Nanostructures Based on Au/TiO2 /Reduced Graphene Oxide for Efficient Degradation of Organic Pollutants (Part. Part. Syst. Charact. 3/2017). Particle and Particle Systems Characterization, 2017, 34, .	1.2	0