Yao Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1915538/publications.pdf

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16	214	1305906 8	1113639 15
papers	citations	h-index	g-index

16	16	16	331
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Achieving multimodal locomotion by a crosslinked poly(ethylene-co-vinyl acetate)-based two-way shape memory polymer. Smart Materials and Structures, 2022, 31, 015034.	1.8	8
2	Shape-morphing materials and structures for energy-efficient building envelopes. Materials Today Energy, 2021, 22, 100874.	2.5	19
3	Development of copper powder paste for direct printing and soft mold casting. Additive Manufacturing, 2020, 31, 100992.	1.7	5
4	Ductile Shape-Memory Polymer Composite with Enhanced Shape Recovery Ability. ACS Applied Materials & Interfaces, 2020, 12, 58295-58300.	4.0	17
5	Synthesis and catalytic performance of polydopamine supported metal nanoparticles. Scientific Reports, 2020, 10, 10416.	1.6	27
6	Biopolymer-Assisted Manufacturing of Aluminumâ€“Copper Nanoparticle Composites with Enhanced Sinterability. ACS Applied Nano Materials, 2019, 2, 5688-5694.	2.4	3
7	Electron-beam induced in situ growth of self-supported metal nanoparticles in ion-containing polydopamine. Materials Letters, 2019, 252, 277-281.	1.3	6
8	Enhanced Thermoelectric Cooling through Introduction of Material Anisotropy in Transverse Thermoelectric Composites. Materials, 2019, 12, 2049.	1.3	0
9	Nanoparticle-Infused UHMWPE Layer as Multifunctional Coating for High-Performance PPTA Single Fibers. Scientific Reports, 2019, 9, 7183.	1.6	5
10	Mechanical properties of polydopamine (PDA) thin films. MRS Advances, 2019, 4, 405-412.	0.5	19
11	Enhancing the electrical and mechanical properties of copper by introducing nanocarbon derived from polydopamine coating. Journal of Alloys and Compounds, 2019, 778, 288-293.	2.8	7
12	Structural evolution and electrical properties of metal ion-containing polydopamine. Journal of Materials Science, 2019, 54, 6393-6400.	1.7	19
13	Effect of material anisotropy on the transverse thermoelectricity of layered composites. International Journal of Energy Research, 2019, 43, 181-188.	2.2	9
14	Preparation and electrical properties of sintered copper powder compacts modified by polydopamine-derived carbon nanofilms. Journal of Materials Science, 2018, 53, 6562-6573.	1.7	16
15	Copper-polydopamine composite derived from bioinspired polymer coating. Journal of Alloys and Compounds, 2018, 742, 191-198.	2.8	9
16	Electrical and mechanical properties of poly(dopamine)-modified copper/reduced graphene oxide composites. Journal of Materials Science, 2017, 52, 11620-11629.	1.7	45