Ying Zhong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3279271/publications.pdf

Version: 2024-02-01

17	192	1163117 8	1058476 14
papers	citations	h-index	g-index

18	18	18	153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robust Cuâ€“Cu Bonding with Multiscale Coralloid Nano-Cu₃Sn Paste for High-Power Electronics Packaging. ACS Applied Electronic Materials, 2022, 4, 3457-3469.	4.3	5
2	Improved window energy efficiency with thermal insulating polymer-air multilayer. Applied Thermal Engineering, 2021, 191, 116890.	6.0	8
3	Hollow-Structured Bilayer System for Windowpane Insulation. Journal of Energy Engineering - ASCE, 2021, 147, 06021001.	1.9	0
4	Disinfection and Electrostatic Recovery of N95 Respirators by Corona Discharge for Safe Reuse. Environmental Science & Technology, 2021, 55, 15351-15360.	10.0	11
5	Corona-Enabled Electrostatic Printing for Ultra-fast Manufacturing of Binder-Free Multifunctional E-Skins. ACS Applied Materials & Interfaces, 2021, 13, 45966-45976.	8.0	5
6	Window+: Electrostatic levitation enabled Polymer-Air multilayer (EPAM) structures for highly transparent energy efficient windows. Energy Conversion and Management, 2021, 248, 114803.	9.2	1
7	Spontaneous formation of sub-4 nm nanocrystalline alloy via polymorphic phase transformation. Materials Research Letters, 2020, 8, 431-437.	8.7	2
8	Graphene-Based Sensing Skins Manufactured by Scalable and Controllable Assembly. , 2020, , .		1
9	Flow Electrification of a Corona-Charged Polyethylene Terephthalate Film. Langmuir, 2020, 36, 9571-9577.	3.5	7
10	Humanâ€Skinâ€Inspired Adaptive Smart Textiles Capable of Amplified Latent Heat Transfer for Thermal Comfort. Advanced Intelligent Systems, 2020, 2, 2000163.	6.1	13
11	Effects of anion size on flow electrification of polycarbonate and polyethylene terephthalate. Applied Physics Letters, 2019, 115, 073704.	3.3	7
12	Electrification mechanism of corona charged organic electrets. Journal Physics D: Applied Physics, 2019, 52, 445303.	2.8	16
13	Synthesis of centimeter-scale monolithic SiC nanofoams and pore size effect on mechanical properties. Journal of the European Ceramic Society, 2019, 39, 2566-2573.	5.7	14
14	Elevating low-emissivity film for lower thermal transmittance. Energy and Buildings, 2019, 193, 69-77.	6.7	25
15	Low-temperature-solderable intermetallic nanoparticles for 3D printable flexible electronics. Acta Materialia, 2019, 162, 163-175.	7.9	29
16	Low Temperature Sintering Cu₆Sn₅ Nanoparticles for Superplastic and Superâ€uniform High Temperature Circuit Interconnections. Small, 2015, 11, 4097-4103.	10.0	48
17	Synthesis of multiferroic Ba<inf>0.7</inf>Sr<inf>0.3</inf>TiO<inf>3</inf>-based thin films for memory devices by chemical solution deposition. , 2012, , .		0