

Wilson Kong

List of Publications by Year in descending order

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10
papers

447
citations

1170033

9
h-index

1526636

10
g-index

10
all docs

10
docs citations

10
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Gallium oxide-stabilized oil in liquid metal emulsions. <i>Soft Matter</i> , 2021, 17, 8269-8275.	1.2	10
2	High Thermal Conductivity in Multiphase Liquid Metal and Silicon Carbide Soft Composites. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100069.	1.9	34
3	Enhancing Thermal Transport in Silicone Composites via Bridging Liquid Metal Fillers with Reactive Metal Co-Fillers and Matrix Viscosity Tuning. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43348-43355.	4.0	21
4	Pressure-Activated Thermal Transport via Oxide Shell Rupture in Liquid Metal Capsule Beds. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2625-2633.	4.0	24
5	Oxide-mediated mechanisms of gallium foam generation and stabilization during shear mixing in air. <i>Soft Matter</i> , 2020, 16, 5801-5805.	1.2	14
6	Oxide-Mediated Formation of Chemically Stable Tungsten-Liquid Metal Mixtures for Enhanced Thermal Interfaces. <i>Advanced Materials</i> , 2019, 31, e1904309.	11.1	105
7	Thermal Conductivity Enhancement of Soft Polymer Composites through Magnetically Induced Percolation and Particle-Particle Contact Engineering. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801857.	1.9	33
8	Angle resolved vibrational properties of anisotropic transition metal trichalcogenide nanosheets. <i>Nanoscale</i> , 2017, 9, 4175-4182.	2.8	64
9	Domain Architectures and Grain Boundaries in Chemical Vapor Deposited Highly Anisotropic ReS_2 Monolayer Films. <i>Nano Letters</i> , 2016, 16, 5888-5894.	4.5	79
10	Ultra-low power threshold for laser induced changes in optical properties of 2D molybdenum dichalcogenides. <i>2D Materials</i> , 2016, 3, 045008.	2.0	63