Xiangyu Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7236705/publications.pdf

Version: 2024-02-01

		1163117	1281871
15	717	8	11
papers	citations	h-index	g-index

15	15	15	532
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concentrated radiative cooling. Applied Energy, 2022, 310, 118368.	10.1	18
2	Highly efficient and salt rejecting solar evaporation via a wick-free confined water layer. Nature Communications, 2022, 13, 849.	12.8	101
3	Lifespan and efficiency gain for outdoor electronic systems from radiative cooling: A case study on distribution transformers. Applied Thermal Engineering, 2022, , 118636.	6.0	0
4	Ultrawhite BaSO₄ Paints and Films for Remarkable Daytime Subambient Radiative Cooling. ACS Applied Materials & Interfaces, 2021, 13, 21733-21739.	8.0	267
5	Full Daytime Sub-ambient Radiative Cooling in Commercial-like Paints with High FigureÂof Merit. Cell Reports Physical Science, 2020, 1, 100221.	5.6	121
6	Quasiâ€Newtonian Environmental Scanning Electron Microscopy (QNâ€ESEM) for Monitoring Material Dynamics in Highâ€Pressure Gaseous Environments. Advanced Science, 2020, 7, 2001268.	11.2	2
7	Reducing interfacial thermal resistance between metal and dielectric materials by a metal interlayer. Journal of Applied Physics, 2019, 125, .	2.5	24
8	A strategy of hierarchical particle sizes in nanoparticle composite for enhancing solar reflection. International Journal of Heat and Mass Transfer, 2019, 131, 487-494.	4.8	98
9	Effect of Particle Size and Aggregation on Thermal Conductivity of Metalâ€“Polymer Nanocomposite. Journal of Heat Transfer, 2017, 139, .	2.1	13
10	Compressive mechanical response of graphene foams and their thermal resistance with copper interfaces. APL Materials, 2017, 5, .	5.1	8
11	Absence of coupled thermal interfaces in Al2O3/Ni/Al2O3 sandwich structure. Applied Physics Letters, 2017, 111, .	3.3	6
12	Effect of Particle Size and Aggregation on Thermal Conductivity of Metal-Polymer Nanocomposite. , 2016, , .		0
13	Thermal Interfacial Resistance Reduction Between Metal and Dielectric Materials by Inserting Intermediate Metal Layer. , 2016, , .		1
14	High-Performance Thermal Interface Material Based on Few-Layer Graphene Composite. Journal of Physical Chemistry C, 2015, 119, 26753-26759.	3.1	56
15	Full Daytime Sub-Ambient Radiative Cooling with High Figure of Merit in Commercial-Like Paints. SSRN Electronic Journal, 0, , .	0.4	2