

Xiangyu Li

List of Publications by Year in descending order

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

Version: 2024-02-01

15
papers

717
citations

1163117

8
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrawhite BaSO ₄ Paints and Films for Remarkable Daytime Subambient Radiative Cooling. ACS Applied Materials & Interfaces, 2021, 13, 21733-21739.	8.0	267
2	Full Daytime Sub-ambient Radiative Cooling in Commercial-like Paints with High Figure of Merit. Cell Reports Physical Science, 2020, 1, 100221.	5.6	121
3	Highly efficient and salt rejecting solar evaporation via a wick-free confined water layer. Nature Communications, 2022, 13, 849.	12.8	101
4	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
5	High-Performance Thermal Interface Material Based on Few-Layer Graphene Composite. Journal of Physical Chemistry C, 2015, 119, 26753-26759.	3.1	56
6	Reducing interfacial thermal resistance between metal and dielectric materials by a metal interlayer. Journal of Applied Physics, 2019, 125, .	2.5	24
7	Concentrated radiative cooling. Applied Energy, 2022, 310, 118368.	10.1	18
8	Effect of Particle Size and Aggregation on Thermal Conductivity of Metal-Polymer Nanocomposite. Journal of Heat Transfer, 2017, 139, .	2.1	13
9	Compressive mechanical response of graphene foams and their thermal resistance with copper interfaces. APL Materials, 2017, 5, .	5.1	8
10	Absence of coupled thermal interfaces in Al ₂ O ₃ /Ni/Al ₂ O ₃ sandwich structure. Applied Physics Letters, 2017, 111, .	3.3	6
11	Quasi-Newtonian Environmental Scanning Electron Microscopy (QN-ESEM) for Monitoring Material Dynamics in High-Pressure Gaseous Environments. Advanced Science, 2020, 7, 2001268.	11.2	2
12	Full Daytime Sub-Ambient Radiative Cooling with High Figure of Merit in Commercial-Like Paints. SSRN Electronic Journal, 0, .	0.4	2
13	Thermal Interfacial Resistance Reduction Between Metal and Dielectric Materials by Inserting Intermediate Metal Layer. , 2016, .		1
14	Effect of Particle Size and Aggregation on Thermal Conductivity of Metal-Polymer Nanocomposite. , 2016, .		0
15	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