

Srilok Srinivasan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8374716/publications.pdf>

Version: 2024-02-01

15
papers

464
citations

932766

10
h-index

1058022

14
g-index

17
all docs

17
docs citations

17
times ranked

862
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal conductivity of graphene with defects induced by electron beam irradiation. <i>Nanoscale</i> , 2016, 8, 14608-14616.	2.8	187
2	Effect of temperature and graphite particle fillers on thermal conductivity and viscosity of phase change material n-eicosane. <i>International Journal of Heat and Mass Transfer</i> , 2017, 114, 318-323.	2.5	50
3	Iron-Nanoparticle Driven Tribochemistry Leading to Superlubric Sliding Interfaces. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901416.	1.9	41
4	Inverse design of metasurfaces with non-local interactions. <i>Npj Computational Materials</i> , 2020, 6, .	3.5	39
5	Superhydrophobic inkjet printed flexible graphene circuits <i>via</i> direct-pulsed laser writing. <i>Nanoscale</i> , 2017, 9, 19058-19065.	2.8	29
6	Reduced Thermal Transport in the Graphene/MoS ₂ /Graphene Heterostructure: A Comparison with Freestanding Monolayers. <i>Langmuir</i> , 2018, 34, 3326-3335.	1.6	25
7	Machine learning a bond order potential model to study thermal transport in WSe ₂ nanostructures. <i>Nanoscale</i> , 2019, 11, 10381-10392.	2.8	22
8	Artificial Intelligence-Guided <i>De Novo</i> Molecular Design Targeting COVID-19. <i>ACS Omega</i> , 2021, 6, 12557-12566.	1.6	22
9	Slippery and Wear-Resistant Surfaces Enabled by Interface Engineered Graphene. <i>Nano Letters</i> , 2020, 20, 905-917.	4.5	18
10	Thermal conductivity reduction in analogous 2D nanomaterials with isotope substitution: Graphene and silicene. <i>Chemical Physics Letters</i> , 2016, 650, 88-93.	1.2	13
11	Machine learning the metastable phase diagram of covalently bonded carbon. <i>Nature Communications</i> , 2022, 13, .	5.8	9
12	Transient evaporation of water thin film over nanostructured graphene. <i>Applied Surface Science</i> , 2019, 495, 143545.	3.1	4
13	Effect of metallic nanoparticle fillers on the thermal conductivity of diatomaceous earth. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 3645-3649.	0.9	1
14	Evolutionary inverse design of defects at graphene 2D lateral interfaces. <i>Journal of Applied Physics</i> , 2021, 129, 185302.	1.1	1
15	Ultrathin metasurface for the visible light based on dielectric nanoresonators. , 2019, , .		1