

Srilok Srinivasan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

464
citations

932766

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1058022

14
g-index

17
all docs

17
docs citations

17
times ranked

862
citing authors

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