

Mahesh Vaka

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

580
citations

949033

11
h-index

939365

18
g-index

20
all docs

20
docs citations

20
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion, rheology, and thermal ageing behaviour of the eutectic salt-based graphene hybrid nanofluid for high-temperature TES applications. <i>Journal of Molecular Liquids</i> , 2021, 334, 116156.	2.3	3
2	Recent progress in solar water heaters and solar collectors: A comprehensive review. <i>Thermal Science and Engineering Progress</i> , 2021, 25, 100981.	1.3	42
3	Carbon Nanotubes and Their Composites: From Synthesis to Applications. <i>Engineering Materials</i> , 2021, , 37-67.	0.3	4
4	Highly sensitive pressure sensor based on graphene hybrids. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1917-1923.	2.3	11
5	A Review: Emphasizing the Nanofluids Use in PV/T Systems. <i>IEEE Access</i> , 2020, 8, 58227-58249.	2.6	26
6	A review on Malaysia's solar energy pathway towards carbon-neutral Malaysia beyond Covid-19 pandemic. <i>Journal of Cleaner Production</i> , 2020, 273, 122834.	4.6	149
7	High-temperature molten salts optimisation using mixture design for energy storage application. <i>Journal of Energy Storage</i> , 2020, 32, 101981.	3.9	16
8	Rheological behaviour of eutectic nanofluids containing a low fraction of GO/TiO ₂ hybrid nanoparticles. <i>Thermal Science and Engineering Progress</i> , 2020, 20, 100753.	1.3	4
9	Synthesis of Hybrid Graphene/TiO ₂ Nanoparticles Based High-Temperature Quinary Salt Mixture for Energy Storage Application. <i>Journal of Energy Storage</i> , 2020, 31, 101540.	3.9	29
10	Low-melting-temperature binary molten nitrate salt mixtures for solar energy storage. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 2657-2664.	2.0	13
11	Synthesis of crumpled graphene by fast cooling method. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	4
12	Investigating the effect of graphene on eutectic salt properties for thermal energy storage. <i>Materials Research Bulletin</i> , 2019, 119, 110568.	2.7	13
13	Synthesis and characterization of hybrid graphene oxide/gold nanoparticle. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
14	Synthesis of organic phase change materials (PCM) for energy storage applications: A review. <i>Nano Structures Nano Objects</i> , 2019, 20, 100399.	1.9	137
15	Recent Progress and Challenges in Transformer Oil Nanofluid Development: A Review on Thermal and Electrical Properties. <i>IEEE Access</i> , 2019, 7, 151422-151438.	2.6	42
16	Role of cerium in microstructure and corrosion properties of Sn-1.0Ag solder alloys. <i>Materials Letters</i> , 2018, 228, 309-313.	1.3	27
17	A STUDY ON THE LOCALIZED CORROSION INHIBITION FOR MILD STEEL IN SALINE SOLUTION. <i>Science and Technology</i> , 2018, 56, 174.	0.1	0
18	Controllable graphene oxide mediated efficient electron transfer pathways across self-assembly monolayers: A new class of graphene based electrodes. <i>Electrochimica Acta</i> , 2016, 210, 539-547.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Corrosion behavior of TiN, TiAlN, TiAlSiN-coated 316L stainless steel in simulated proton exchange membrane fuel cell environment. Journal of Power Sources, 2014, 268, 240-245.	4.0	51