

A R A Rahman

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Critical Behaviour and Magnetism of MnCoGe _{0.97} Al _{0.03} Compounds. Crystals, 2022, 12, 205.	1.0	2
2	Raman Spectroscopy Characterization of Mineral Oil and Palm Oil with Added Multi-Walled Carbon Nanotube for Application in Oil-Filled Transformers. Energies, 2022, 15, 1534.	1.6	3
3	Performance and limitation of mineral oil-based carbon nanotubes nanofluid in transformer application. AEJ - Alexandria Engineering Journal, 2022, 61, 9623-9635.	3.4	8
4	Electrical Properties of Waste Mineral Oil Recycled Under Various Treatments and Doping with Nanoparticles for Transformer Application. , 2021, , .		1
5	Magnetism and Thermomechanical Properties in Si Substituted MnCoGe Compounds. Crystals, 2021, 11, 694.	1.0	7
6	Systematical study of multi-walled carbon nanotube nanofluids based disposed transformer oil. Scientific Reports, 2020, 10, 20984.	1.6	10
7	A Review on Oil-Based Nanofluid as Next-Generation Insulation for Transformer Application. Journal of Nanomaterials, 2020, 2020, 1-17.	1.5	40
8	Optimum Electrical and Dielectric Performance of Multi-Walled Carbon Nanotubes Doped Disposed Transformer Oil. Energies, 2020, 13, 3181.	1.6	16
9	Structure analysis using XRD refinement for replacement of copper (Cu) with manganese (Mn) in NdMn ₂ Si ₂ compound. AIP Conference Proceedings, 2019, , .	0.3	4
10	Statistical Analysis on AC Breakdown Voltage of CNT Nanofluid with Mineral Oil and Palm Oil. , 2018, , .		3
11	The effects of different heat treatment annealing on structural properties of LaFe _{11.5} Si _{1.5} compound. AIP Conference Proceedings, 2018, , .	0.3	7
12	Study on Gadolinium and LaFe _{11.5} Si _{1.5} compound as refrigerant for magnetic refrigerator application. AIP Conference Proceedings, 2018, , .	0.3	4
13	Study of Heat Treatment Effect in MnCoGe Compound on Stucture and Electric Properties. Materials Science Forum, 0, 1010, 86-91.	0.3	3
14	Investigation on the Dielectric Properties of Palm Oil with Silicon Carbide Doping for Transformer Application. Solid State Phenomena, 0, 317, 377-382.	0.3	1
15	Structural Behaviour and Electrical Properties of a Ball Milled MnCoGe Compounds. Key Engineering Materials, 0, 908, 326-331.	0.4	0
16	Influence of Annealing Temperatures on the Structural Behaviour and Electrical Properties of La(FeSi) ₁₃ Alloys. Key Engineering Materials, 0, 908, 337-342.	0.4	0
17	Electrical Properties and Raman Scattering of Palm Oil Based Carbon Nanotube. Key Engineering Materials, 0, 908, 343-347.	0.4	1
18	The Effect of Annealing Temperatures on the Phase Transition and Structural Properties of MnCoGe Compound. Key Engineering Materials, 0, 908, 332-336.	0.4	0