

Thermal performance enhancement of metal hydride reactor using graphene oxide nanofluid: Model prediction with machine learning

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#	ARTICLE	IF	CITATIONS
1	An approach towards building robust neural networks models using multilayer perceptron through experimentation on different photovoltaic thermal systems. <i>Energy Conversion and Management</i> , 2023, 292, 117395.	9.2	7
2	Prediction and theoretical investigation of dehydrogenation enthalpy of Vâ€“Tiâ€“Crâ€“Fe alloy using machine learning and density functional theory. <i>International Journal of Hydrogen Energy</i> , 2024, 50, 379-389.	7.1	0
3	Fabrication and thermal performance of a solar-driven heat pipe filled with reduced graphene oxide nanofluids. <i>Solar Energy</i> , 2023, 264, 112007.	6.1	1
4	Prediction of the thermal behavior of multi-walled carbon nanotubes-CuO-CeO ₂ (20-40-40)/water hybrid nanofluid using different types of regressors and evolutionary algorithms for designing the best artificial neural network modeling. <i>AEJ - Alexandria Engineering Journal</i> , 2023, 84, 184-203.	6.4	5
5	Design and optimization of metal hydride reactor with phase change material using fin factor for hydrogen storage. <i>Journal of Energy Storage</i> , 2024, 77, 109975.	8.1	0
6	Effect of Process Parameters on Wear Behaviour of Friction Stir Welded Heat-Treated Aluminium Alloy AA6063-T6. <i>Journal of the Institution of Engineers (India): Series D</i> , 0, , .	1.0	0
7	Prediction of hydrogenâ”brine interfacial tension at subsurface conditions: Implications for hydrogen geo-storage. <i>International Journal of Hydrogen Energy</i> , 2024, 58, 485-494.	7.1	0
8	A review of hydrogen production and storage materials for efficient integrated hydrogen energy systems. <i>Energy Science and Engineering</i> , 0, , .	4.0	0