

Ibrahim Alade

List of Publications by Year in descending order

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13
papers

454
citations

933447

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367
citing authors

#	ARTICLE	IF	CITATIONS
1	GBR-GSO based machine learning predictive model for estimating density of Al ₂ N ₃ , Si ₃ N ₄ , and TiN nanoparticles suspended in ethylene glycol nanofluids. European Physical Journal Plus, 2022, 137, 1.	2.6	8
2	Modelling the viscosity of carbon-based nanomaterials dispersed in diesel oil: a machine learning approach. Journal of Thermal Analysis and Calorimetry, 2021, 145, 1769-1777.	3.6	6
3	Spectroscopic investigations of Er ₂ O ₃ doped silica borotellurite glasses. Optical Materials, 2021, 114, 110987.	3.6	14
4	Modeling and prediction of lattice parameters of binary spinel compounds (AM ₂ X ₄) using support vector regression with Bayesian optimization. New Journal of Chemistry, 2021, 45, 15255-15266.	2.8	12
5	Modeling the viscosity of nanofluids using artificial neural network and Bayesian support vector regression. Journal of Applied Physics, 2020, 128, .	2.5	27
6	A machine learning-based model to estimate the density of nanofluids of nitrides in ethylene glycol. Journal of Applied Physics, 2020, 127, .	2.5	17
7	Lattice constant prediction of A ₂ XY ₆ cubic crystals (A=K, Cs, Rb, Tl; X=tetavalent cation; Y=F, Cl, Br, I) using computational intelligence approach. Journal of Applied Physics, 2020, 127, .	2.5	32
8	An approach to predict the isobaric specific heat capacity of nitrides/ethylene glycol-based nanofluids using support vector regression. Journal of Energy Storage, 2020, 29, 101313.	8.1	35
9	Development of a predictive model for estimating the specific heat capacity of metallic oxides/ethylene glycol-based nanofluids using support vector regression. Heliyon, 2019, 5, e01882.	3.2	22
10	Modeling and prediction of the specific heat capacity of Al ₂ O ₃ using support vector regression. Journal of Applied Physics, 2019, 125, 154301.	3.5	110
11	Predicting the specific heat capacity of alumina/ethylene glycol nanofluids using support vector regression model optimized with Bayesian algorithm. Solar Energy, 2019, 183, 74-82.	6.1	109
12	Estimating the refractive index of oxygenated and deoxygenated hemoglobin using genetic algorithm support vector regression model. Computer Methods and Programs in Biomedicine, 2018, 163, 135-142.	4.7	60
13	Prediction of the lattice constants of pyrochlore compounds using machine learning. Soft Computing, 0, , .	3.6	2