Ibrahim Alade

List of Publications by Year
in descending order

13 papers	454 citations	933447 10 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	367 citing authors

#	Article	IF	Citations
1	Modeling and prediction of the specific heat capacity of Al$_2$O$_3$ `<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e365" altimg="si1.gif"><mml:msub><mml:mrow/><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>` `<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e372" altimg="si2.gif"><mml:msub><mml:mrow><mml:mi>O</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>`	3.5	110
2	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
3	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
4	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
5	Lattice constant prediction of A2XY6 cubic crystals (A≈≈K, Cs, Rb, TI; X≈≈tetravalent cation; Y≈≈F, Cl, Br, I) using computational intelligence approach. Journal of Applied Physics, 2020, 127, .	2.5	32
6	Modeling the viscosity of nanofluids using artificial neural network and Bayesian support vector regression. Journal of Applied Physics, 2020, 128, .	2.5	27
7	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
8	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
9	Spectroscopic investigations of Er2O3 doped silica borotellurite glasses. Optical Materials, 2021, 114, 110987.	3.6	14
10	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
11	GBR-GSO based machine learning predictive model for estimating density of Al2N3, Si3N4, and TiN nanoparticles suspended in ethylene glycol nanofluids. European Physical Journal Plus, 2022, 137, 1.	2.6	8
12	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
13	Prediction of the lattice constants of pyrochlore compounds using machine learning. Soft Computing, 0, , .	3.6	2