Lawal Lanre Adebayo

List of Publications by Year
in descending order

18	522	687363 13	839539 18
papers	citations	h-index	g-index

18	18	18	295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in the development OF Fe3O4-BASED microwave absorbing materials. Ceramics International, 2020, 46, 1249-1268.	4.8	101
2	Enhanced oil recovery by using electromagnetic-assisted nanofluids: A review. Journal of Molecular Liquids, 2020, 309, 113095.	4.9	55
3	Recent advances and prospect of cobalt based microwave absorbing materials. Ceramics International, 2020, 46, 26466-26485.	4.8	49
4	Physiochemical properties and electromagnetic wave absorption performance of Ni0.5Cu0.5Fe2O4 nanoparticles at X-band frequency. Journal of Alloys and Compounds, 2020, 836, 155272.	5.5	43
5	Investigation of the Broadband Microwave Absorption of Citric Acid Coated Fe3O4/PVDF Composite Using Finite Element Method. Applied Sciences (Switzerland), 2019, 9, 3877.	2.5	36
6	Physicochemical properties and microwave absorption performance of Co3O4 and banana peel-derived porous activated carbon composite at X-band frequency. Journal of Alloys and Compounds, 2021, 888, 161474.	5.5	32
7	A simple route to prepare Fe3O4@C microspheres as electromagnetic wave absorbing material. Journal of Materials Research and Technology, 2021, 12, 1552-1563.	5.8	31
8	Electromagnetic wave-induced nanofluid-oil interfacial tension reduction for enhanced oil recovery. Journal of Molecular Liquids, 2020, 318, 114378.	4.9	27
9	Electromagnetic properties of Cr-substituted nickel ferrite nanoparticles and their microwave absorption performance. Ceramics International, 2020, 46, 28506-28513.	4.8	26
10	Graphene@Ni0.5Co0.5Fe2O4 hybrid framework with enhanced interfacial polarization for electromagnetic wave absorption. Journal of Alloys and Compounds, 2021, 854, 157259.	5.5	25
11	Heat transfer in an unsteady vertical porous channel with injection/suction in the presence of heat generation. Journal of Taibah University for Science, 2020, 14, 541-548.	2.5	24
12	Facile preparation and enhanced electromagnetic wave absorption properties of Fe3O4 @PVDF nanocomposite. Journal of Materials Research and Technology, 2020, 9, 2513-2521.	5.8	19
13	Absorption of electromagnetic waves in sandstone saturated with brine and nanofluids for application in enhanced oil recovery. Journal of Taibah University for Science, 2020, 14, 217-226.	2.5	16
14	Entropy generation minimization on electromagnetohydrodynamic radiative Casson nanofluid flow over a melting Riga plate. Heat Transfer, 2022, 51, 3951-3978.	3.0	14
15	Experimental investigation and two-phase flow simulation of oil and nanofluids on micro CT images of sandstone for wettability alteration of the system. Journal of Petroleum Science and Engineering, 2021, 204, 108665.	4.2	11
16	Microwave absorption performance of Ni0.5Zn0.5Fe2O4 nanoclusters at 8.2â€“18ÂGHz frequency. Indian Journal of Physics, 2022, 96, 723-733.	1.8	7
17	Electromagnetic wave absorption of coconut fiber-derived porous activated carbon. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2022, 61, 417-427.	1.9	4
18	Experimental investigation of resonant frequency of sandstone saturated with magnetite nanofluid. Journal of Taibah University for Science, 2020, 14, 1243-1250.	2.5	2