

Imad Ali Disher Al-Hydary

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

220
citations

1684188

5
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the effect of Gd doping on the structural, optical, and magnetic properties of ZnO based diluted magnetic semiconductor nanorods. RSC Advances, 2019, 9, 33207-33221.	3.6	123
2	Nano-Magnetic Catalyst CaO-Fe ₃ O ₄ for Biodiesel Production from Date Palm Seed Oil. Bulletin of Chemical Reaction Engineering and Catalysis, 2017, 12, 460-468.	1.1	47
3	Prediction of the physical properties of barium titanates using an artificial neural network. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	15
4	Growth kinetics of second phase particles in N36 zirconium alloy: Zr-Sn-Nb-Fe. Journal of Materials Research and Technology, 2022, 17, 2038-2046.	5.8	10
5	The devitrification kinetics of transparent silica glass prepared by gel-casting method. Revista Materia, 2019, 24, .	0.2	5
6	Optimization of the physical properties of barium titanates using a genetic algorithm approach. Journal of the Australian Ceramic Society, 2017, 53, 673-686.	1.9	3
7	The Role of Anatase Nanoparticles on the Mechanical Properties and the Bacterial Adhesion to Acrylonitrile-Butadiene-Styrene Terpolymer. Materials Research, 2019, 22, .	1.3	3
8	Synthesis of Highly Uniform Shape Copper Particles and Crystals Using Propylene Glycol. Advanced Science Letters, 2009, 2, 50-54.	0.2	3
9	Sorption of Cadmium Ions on (AB-type) Carbonated Hydroxyapatite Nanoparticles. Advanced Science Letters, 2011, 4, 44-50.	0.2	3
10	Synthesis of highly crystalline phase pure calcium metastannate by molten salt method. Science and Technology of Materials, 2018, 30, 103-108.	0.8	2
11	Utilizing the cold sintering process for sintering the thermally decomposable lead dioxide. Journal of the Australian Ceramic Society, 2020, 56, 139-148.	1.9	2
12	RSM Optimizing the Characteristics of Metakaolin based Geopolymer Foam. Journal of Physics: Conference Series, 2021, 1973, 012151.	0.4	2
13	Optimization of the processing parameters and characterization of hybrid geopolymer foam. Materials Today: Proceedings, 2021, , .	1.8	1
14	Optimizing the Properties of Metakaolin-based (Na, K)-Geopolymer Using Taguchi Design Method. International Journal of Engineering, Transactions A: Basics, 2020, 33, .	0.4	1
15	Experimental determination and numerical validation of the chloride penetration in cracked hydraulic concrete structures exposed to severe marine environment. IOP Conference Series: Materials Science and Engineering, 0, 454, 012099.	0.6	0
16	Physical Characteristics and Compressive Strength of Na-Geopolymer Paste Designed by a Taguchi Method. IOP Conference Series: Earth and Environmental Science, 2021, 877, 012036.	0.3	0
17	Preparation and Optimization Green Gel Casting Technique for Manufacturing Near-Net-Shape Ceramics Using Genetic Algorithm. IOP Conference Series: Earth and Environmental Science, 2021, 877, 012035.	0.3	0