

Bolanle Abe

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

378
citations

1162889

8
h-index

996849

15
g-index

35
all docs

35
docs citations

35
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of thermal and physical properties of nanocomposites for power cable insulations. <i>Materials Today: Proceedings</i> , 2021, 38, 823-829.	0.9	1
2	Effect of TiN addition on corrosion behavior of spark plasma sintered 304L austenitic stainless steel in chloride media. <i>Materials Today: Proceedings</i> , 2020, 28, 384-387.	0.9	4
3	Characterization of microstructure, mechanical properties and corrosion response of aluminium-based composites fabricated via casting—a review. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 109, 975-991.	1.5	39
4	Influence of heat treatment on microstructural and mechanical behavior of stir cast Al-(TiFe-SiC) composites. <i>Materials Today: Proceedings</i> , 2020, 28, 725-729.	0.9	5
5	Nodule Generation of Lung CT Images Using a 3D Convolutional LSTM Network. <i>Lecture Notes in Computer Science</i> , 2020, , 753-760.	1.0	0
6	Separability Method for Homogeneous Leaves Using Spectroscopic Imagery and Machine Learning Algorithms. <i>Lecture Notes in Computer Science</i> , 2019, , 282-291.	1.0	0
7	Characterization and mechanical response of novel Al-(Mg-TiFe-SiC) metal matrix composites developed by stir casting technique. <i>Journal of Composite Materials</i> , 2019, 53, 3929-3938.	1.2	20
8	Comparative analysis of life estimation and reliability of power transformers. , 2019, , .		2
9	Low voltage switchgear internal arc protection using light and pressure detection. , 2019, , .		0
10	An investigation on the Corrosion Behavior of Al (Mg-TiFe-SiC) Matrix Composite in Acidic and Chloride Media. <i>Materials Today: Proceedings</i> , 2019, 18, 3827-3834.	0.9	4
11	Microstructural And Corrosion Resistance Study Of Sintered Al-Tin In Sodium Chloride Solution. <i>Materials Today: Proceedings</i> , 2019, 18, 2881-2886.	0.9	4
12	Study of Microstructural and Mechanical Properties of Stir Cast Al (SiC-Mg-TiFe) Composite. <i>Fluid Dynamics and Materials Processing</i> , 2019, 15, 15-26.	0.5	24
13	STABILITY ASSESSMENT OF PIPELINE CATHODIC PROTECTION POTENTIALS UNDER THE INFLUENCE OF AC INTERFERENCE. <i>Progress in Electromagnetics Research M</i> , 2018, 66, 19-28.	0.5	5
14	Pressure Management Strategies for Water Loss Reduction in Large-Scale Water Piping Networks: A Review. <i>Springer Water</i> , 2018, , 465-480.	0.2	17
15	Towards Achieving a Reliable Leakage Detection and Localization Algorithm for Application in Water Piping Networks: An Overview. <i>IEEE Access</i> , 2017, 5, 20272-20285.	2.6	125
16	Influence of AC interference on the cathodic protection potentials of pipelines: Towards a comprehensive picture. , 2017, , .		5
17	Burst leakage-pressure dependency in water piping networks: Its impact on leak openings. , 2017, , .		4
18	Analysis of human body temperature elevation at 60 GHz with antipodal linear tapered slot antenna. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Performance analysis of digitized multicarrier system for optical wireless communication. , 2017, , .		0
20	A spreadsheet tool for the analysis of flows in small-scale water piping networks. , 2017, , .		1
21	VARIATION IN PHASE SHIFT OF PHASE ARRANGEMENTS ON MAGNETIC FIELD UNDERNEATH OVERHEAD DOUBLE-CIRCUIT HVTLs: FIELD DISTRIBUTION AND POLARIZATION STUDY. Progress in Electromagnetics Research M, 2017, 56, 157-167.	0.5	4
22	Leakage Detection and Estimation Algorithm for Loss Reduction in Water Piping Networks. Water (Switzerland), 2017, 9, 773.	1.2	55
23	Effect of increasing energy demand on the corrosion rate of buried pipelines in the vicinity of high voltage overhead transmission lines. , 2015, , .		5
24	Effects of soil properties on corrosion of buried steel pipeline: A case study of rand water pipeline, South Africa. , 2015, , .		4
25	Planar magnetic field distribution underneath two-circuit linear configured power lines in various phase arrangements. , 2015, , .		2
26	Spatial magnetic field polarization below balanced double-circuit linear configured power lines for six phase arrangements. , 2015, , .		1
27	Assessment model for monitoring AC induced interference corrosion of buried pipelines from HVTLs. , 2015, , .		1
28	Experimental comparison of support vector machines with random forests for hyperspectral image land cover classification. Journal of Earth System Science, 2014, 123, 779-790.	0.6	21
29	Classification of Hyperspectral Images Using Machine Learning Methods. Lecture Notes in Electrical Engineering, 2014, , 555-569.	0.3	2
30	Ensemble classifier using GRG algorithm for land cover classification. , 2013, , .		0
31	Hyperspectral image classification based on NMF Features Selection Method. , 2013, , .		0
32	Synthesis and characterization of sub-micron sized copperâ€“rutheniumâ€“tantalum composites for interconnection application. Microelectronics Reliability, 2012, 52, 1690-1698.	0.9	13
33	Investigating the effects of ensemble classification on remotely sensed data for land cover mapping. , 2010, , .		3
34	Optimization of radio frequency usage: A case study of Ondo State Television broadcast Nigeria. , 2009, , .		0
35	A Nanoindentation Study on Al (TiFe-Mg-SiC) Composites Fabricated via Stir Casting. Key Engineering Materials, 0, 821, 81-88.	0.4	7