

Bolanle Abe

List of Publications by Year in descending order

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35
papers

378
citations

1162367

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h-index

996533

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all docs

35
docs citations

35
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Achieving a Reliable Leakage Detection and Localization Algorithm for Application in Water Piping Networks: An Overview. IEEE Access, 2017, 5, 20272-20285.	2.6	125
2	Leakage Detection and Estimation Algorithm for Loss Reduction in Water Piping Networks. Water (Switzerland), 2017, 9, 773.	1.2	55
3	Characterization of microstructure, mechanical properties and corrosion response of aluminium-based composites fabricated via casting—a review. International Journal of Advanced Manufacturing Technology, 2020, 109, 975-991.	1.5	39
4	Study of Microstructural and Mechanical Properties of Stir Cast Al (SiC-Mg-TiFe) Composite. Fluid Dynamics and Materials Processing, 2019, 15, 15-26.	0.5	24
5	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
6	Characterization and mechanical response of novel Al-(Mg-TiFe-SiC) metal matrix composites developed by stir casting technique. Journal of Composite Materials, 2019, 53, 3929-3938.	1.2	20
7	Pressure Management Strategies for Water Loss Reduction in Large-Scale Water Piping Networks: A Review. Springer Water, 2018, , 465-480.	0.2	17
8	Synthesis and characterization of sub-micron sized copper-ruthenium-tantalum composites for interconnection application. Microelectronics Reliability, 2012, 52, 1690-1698.	0.9	13
9	A Nanoindentation Study on Al (TiFe-Mg-SiC) Composites Fabricated via Stir Casting. Key Engineering Materials, 0, 821, 81-88.	0.4	7
10	Effect of increasing energy demand on the corrosion rate of buried pipelines in the vicinity of high voltage overhead transmission lines. , 2015, , .		5
11	Influence of AC interference on the cathodic protection potentials of pipelines: Towards a comprehensive picture. , 2017, , .		5
12	STABILITY ASSESSMENT OF PIPELINE CATHODIC PROTECTION POTENTIALS UNDER THE INFLUENCE OF AC INTERFERENCE. Progress in Electromagnetics Research M, 2018, 66, 19-28.	0.5	5
13	Influence of heat treatment on microstructural and mechanical behavior of stir cast Al-(TiFe-SiC) composites. Materials Today: Proceedings, 2020, 28, 725-729.	0.9	5
14	Effects of soil properties on corrosion of buried steel pipeline: A case study of rand water pipeline, South Africa. , 2015, , .		4
15	Burst leakage-pressure dependency in water piping networks: Its impact on leak openings. , 2017, , .		4
16	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
17	An investigation on the Corrosion Behavior of Al (Mg-TiFe-SiC) Matrix Composite in Acidic and Chloride Media. Materials Today: Proceedings, 2019, 18, 3827-3834.	0.9	4
18	Microstructural And Corrosion Resistance Study Of Sintered Al-Tin In Sodium Chloride Solution. Materials Today: Proceedings, 2019, 18, 2881-2886.	0.9	4

#	ARTICLE	IF	CITATIONS
19	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
20	Investigating the effects of ensemble classification on remotely sensed data for land cover mapping. , 2010, , .		3
21	Planar magnetic field distribution underneath two-circuit linear configured power lines in various phase arrangements. , 2015, , .		2
22	Comparative analysis of life estimation and reliability of power transformers. , 2019, , .		2
23	Classification of Hyperspectral Images Using Machine Learning Methods. <i>Lecture Notes in Electrical Engineering</i> , 2014, , 555-569.	0.3	2
24	Spatial magnetic field polarization below balanced double-circuit linear configured power lines for six phase arrangements. , 2015, , .		1
25	Assessment model for monitoring AC induced interference corrosion of buried pipelines from HVTLs. , 2015, , .		1
26	A spreadsheet tool for the analysis of flows in small-scale water piping networks. , 2017, , .		1
27	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
28	Optimization of radio frequency usage: A case study of Ondo State Television broadcast Nigeria. , 2009, , .		0
29	Ensemble classifier using GRG algorithm for land cover classification. , 2013, , .		0
30	Hyperspectral image classification based on NMF Features Selection Method. , 2013, , .		0
31	Analysis of human body temperature elevation at 60 GHz with antipodal linear tapered slot antenna. , 2017, , .		0
32	Performance analysis of digitized multicarrier system for optical wireless communication. , 2017, , .		0
33	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
34	Low voltage switchgear internal arc protection using light and pressure detection. , 2019, , .		0
35	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