

M Muhibbullah

List of Publications by Year in descending order

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papers

436
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759233

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39
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39
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 Detection Based on Lung Ct Scan Using Deep Learning Techniques. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-13.	1.3	86
2	Comparative Analysis of Drilling Behaviour of Synthetic and Natural Fiber-Based Composites. Advances in Materials Science and Engineering, 2021, 2021, 1-13.	1.8	25
3	Bioactive Potential of Brown Algae. Adsorption Science and Technology, 2022, 2022, .	3.2	23
4	A Review on the Effect of Various Chemical Treatments on the Mechanical Properties of Renewable Fiber-Reinforced Composites. Advances in Materials Science and Engineering, 2022, 2022, 1-24.	1.8	21
5	Investigating the Role of Image Fusion in Brain Tumor Classification Models Based on Machine Learning Algorithm for Personalized Medicine. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-13.	1.3	21
6	A Practical Approach for Predicting Power in a Small-Scale Off-Grid Photovoltaic System using Machine Learning Algorithms. International Journal of Photoenergy, 2022, 2022, 1-21.	2.5	20
7	Design of Efficient Off-Grid Solar Photovoltaic Water Pumping System Based on Improved Fractional Open Circuit Voltage MPPT Technique. International Journal of Photoenergy, 2021, 2021, 1-18.	2.5	18
8	Investigation of Drilling Process Parameters of Palmyra Based Composite. Advances in Materials Science and Engineering, 2021, 2021, 1-9.	1.8	18
9	Fabrication of Photoconductive Copper Oxide Thin Films by the Chemical Bath Deposition Technique. Japanese Journal of Applied Physics, 2010, 49, 081102.	1.5	17
10	Investigation of Weight Fraction and Alkaline Treatment on Catechu Linnaeus/Hibiscus cannabinus/Sansevieria Ehrenbergii Plant Fibers-Reinforced Epoxy Hybrid Composites. Advances in Materials Science and Engineering, 2022, 2022, 1-9.	1.8	17
11	Integrating Nanomaterial and High-Performance Fuzzy-Based Machine Learning Approach for Green Energy Conversion. Journal of Nanomaterials, 2022, 2022, 1-11.	2.7	16
12	Role of Nanoparticles in Biodegradation and Their Importance in Environmental and Biomedical Applications. Journal of Nanomaterials, 2022, 2022, 1-15.	2.7	15
13	Frequency dependent power and energy flux density equations of the electromagnetic wave. Results in Physics, 2017, 7, 435-439.	4.1	13
14	A Novel Context Aware Joint Segmentation and Classification Framework for Glaucoma Detection. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-19.	1.3	13
15	Fabrication of copper oxide thin films by the drop chemical deposition technique. Materials Research Bulletin, 2012, 47, 1968-1972.	5.2	12
16	Mechanical Properties of Titanium Diboride Particles Reinforced Aluminum Alloy Matrix Composites: A Comprehensive Review. Advances in Materials Science and Engineering, 2021, 2021, 1-18.	1.8	10
17	Mechanical Properties and Electrical Resistivity of the Friction Stir Spot-Welded Dissimilar Al-Cu Joints. International Journal of Polymer Science, 2022, 2022, 1-7.	2.7	8
18	Photoelectron ejection by electromagnetic wave. Optik, 2019, 181, 802-809.	2.9	7

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19	Design of Boosted Multilevel DC-DC Converter for Solar Photovoltaic System. International Journal of Photoenergy, 2022, 2022, 1-23.	2.5	7
20	Performance Evaluation of Cyclic Stability and Capacitance of Manganese Oxide Modified Graphene Oxide Nanocomposite for Potential Supercapacitor Applications. Journal of Nanomaterials, 2022, 2022, 1-8.	2.7	7
21	Performance and Emission Analysis of Watermelon Seed Oil Methyl Ester and n-Butanol Blends Fueled Diesel Engine. Mathematical Problems in Engineering, 2022, 2022, 1-12.	1.1	7
22	Fabrication of MnO ₂ Nanocomposite on GO Functionalized with Advanced Electrode Material for Supercapacitors. Journal of Nanomaterials, 2022, 2022, 1-7.	2.7	6
23	Experimental Study on the Sound Absorption Properties of Finger Millet Straw, Darbha, and Ripe Bulrush Fibers. Advances in Materials Science and Engineering, 2021, 2021, 1-12.	1.8	6
24	Biofabrication of Silver Nanoparticles and Current Research of Its Environmental Applications. Journal of Nanomaterials, 2022, 2022, 1-11.	2.7	6
25	Refutation of the short report "On the impossibility of photoelectron ejection by electromagnetic wave". Optik, 2020, 202, 163734.	2.9	5
26	Fabrication of Heterojunctions Based on Chemically Deposited Copper Oxide Thin Films for Solar Cell Application. Transactions of the Materials Research Society of Japan, 2011, 36, 195-198.	0.2	5
27	Phase difference between electric and magnetic fields of the electromagnetic waves. Optik, 2021, 247, 167862.	2.9	4
28	An equation of the width of the depletion layer for a step heterojunction. Transactions of the Materials Research Society of Japan, 2012, 37, 405-408.	0.2	4
29	Estimation of the Open Circuit Voltage of a pn Junction Based on Photoelectrochemical Measurements. Transactions of the Materials Research Society of Japan, 2015, 40, 247-252.	0.2	3
30	Ejection angle and depth of photoelectrons based on the electromagnetic wave concept. Journal of Modern Optics, 0, , 1-8.	1.3	3
31	Theoretical and experimental investigations on optimization of the received power of a monopole antenna. Physica Scripta, 2021, 96, 015502.	2.5	3
32	Human Centered Decision-Making for COVID-19 Testing Center Location Selection: Tamil Nadu" A Case Study. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-13.	1.3	3
33	Characterization of a Linear Generator for Sea Wave. , 2020, , .		2
34	Investigation of Reinforced Concrete Column Containing Metakaolin and Fly Ash Cementitious Materials. Advances in Civil Engineering, 2022, 2022, 1-13.	0.7	2
35	An equation of average lifetime of the minority carriers in semiconductors from photo-electrochemical measurement. Transactions of the Materials Research Society of Japan, 2013, 38, 385-388.	0.2	1
36	Annealing Effect of the Cu _x O Thin Films Prepared by Drop Chemical Technique. Transactions of the Materials Research Society of Japan, 2014, 39, 109-112.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Antenna designing for efficient rectenna solar cells. Physica Scripta, 0, , .	2.5	1
38	Empowering remote area of Bangladesh using pedal generator. , 2015, , .		0
39	Mechanical and Durability Studies on Ficus exasperata Leaf Ash Concrete. Advances in Civil Engineering, 2022, 2022, 1-10.	0.7	0