

M Muhibbullah

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

187
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Design of Boosted Multilevel DC-DC Converter for Solar Photovoltaic System. International Journal of Photoenergy, 2022, 2022, 1-23. | 2.5 | 7 |
| 2 | 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 |
| 3 | 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 |
| 4 | Role of Nanoparticles in Biodegradation and Their Importance in Environmental and Biomedical Applications. Journal of Nanomaterials, 2022, 2022, 1-15. | 2.7 | 15 |
| 5 | 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 |
| 6 | Fabrication of MnO ₂ Nanocomposite on GO Functionalized with Advanced Electrode Material for Supercapacitors. Journal of Nanomaterials, 2022, 2022, 1-7. | 2.7 | 6 |
| 7 | Mechanical and Durability Studies on Ficus exasperata Leaf Ash Concrete. Advances in Civil Engineering, 2022, 2022, 1-10. | 0.7 | 0 |
| 8 | Integrating Nanomaterial and High-Performance Fuzzy-Based Machine Learning Approach for Green Energy Conversion. Journal of Nanomaterials, 2022, 2022, 1-11. | 2.7 | 16 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Investigation of Reinforced Concrete Column Containing Metakaolin and Fly Ash Cementitious Materials. Advances in Civil Engineering, 2022, 2022, 1-13. | 0.7 | 2 |
| 13 | 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 |
| 14 | Biofabrication of Silver Nanoparticles and Current Research of Its Environmental Applications. Journal of Nanomaterials, 2022, 2022, 1-11. | 2.7 | 6 |
| 15 | Bioactive Potential of Brown Algae. Adsorption Science and Technology, 2022, 2022, . | 3.2 | 23 |
| 16 | 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 |
| 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 | Phase difference between electric and magnetic fields of the electromagnetic waves. Optik, 2021, 247, 167862. | 2.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Theoretical and experimental investigations on optimization of the received power of a monopole antenna. <i>Physica Scripta</i> , 2021, 96, 015502. | 2.5 | 3 |
| 20 | Design of Efficient Off-Grid Solar Photovoltaic Water Pumping System Based on Improved Fractional Open Circuit Voltage MPPT Technique. <i>International Journal of Photoenergy</i> , 2021, 2021, 1-18. | 2.5 | 18 |
| 21 | Comparative Analysis of Drilling Behaviour of Synthetic and Natural Fiber-Based Composites. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-13. | 1.8 | 25 |
| 22 | A Novel Context Aware Joint Segmentation and Classification Framework for Glaucoma Detection. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-19. | 1.3 | 13 |
| 23 | Investigation of Drilling Process Parameters of Palmyra Based Composite. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-9. | 1.8 | 18 |
| 24 | Mechanical Properties of Titanium Diboride Particles Reinforced Aluminum Alloy Matrix Composites: A Comprehensive Review. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-18. | 1.8 | 10 |
| 25 | Experimental Study on the Sound Absorption Properties of Finger Millet Straw, Darbha, and Ripe Bulrush Fibers. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-12. | 1.8 | 6 |
| 26 | Refutation of the short report "On the impossibility of" Photoelectron ejection by electromagnetic wave". <i>Optik</i> , 2020, 202, 163734. | 2.9 | 5 |
| 27 | Characterization of a Linear Generator for Sea Wave. , 2020, , . | | 2 |
| 28 | Photoelectron ejection by electromagnetic wave. <i>Optik</i> , 2019, 181, 802-809. | 2.9 | 7 |
| 29 | Frequency dependent power and energy flux density equations of the electromagnetic wave. <i>Results in Physics</i> , 2017, 7, 435-439. | 4.1 | 13 |
| 30 | Estimation of the Open Circuit Voltage of a pn Junction Based on Photoelectrochemical Measurements. <i>Transactions of the Materials Research Society of Japan</i> , 2015, 40, 247-252. | 0.2 | 3 |
| 31 | Empowering remote area of Bangladesh using pedal generator. , 2015, , . | | 0 |
| 32 | Annealing Effect of the Cu _x O Thin Films Prepared by Drop Chemical Technique. <i>Transactions of the Materials Research Society of Japan</i> , 2014, 39, 109-112. | 0.2 | 1 |
| 33 | An equation of average lifetime of the minority carriers in semiconductors from photo-electrochemical measurement. <i>Transactions of the Materials Research Society of Japan</i> , 2013, 38, 385-388. | 0.2 | 1 |
| 34 | Fabrication of copper oxide thin films by the drop chemical deposition technique. <i>Materials Research Bulletin</i> , 2012, 47, 1968-1972. | 5.2 | 12 |
| 35 | An equation of the width of the depletion layer for a step heterojunction. <i>Transactions of the Materials Research Society of Japan</i> , 2012, 37, 405-408. | 0.2 | 4 |
| 36 | Fabrication of Heterojunctions Based on Chemically Deposited Copper Oxide Thin Films for Solar Cell Application. <i>Transactions of the Materials Research Society of Japan</i> , 2011, 36, 195-198. | 0.2 | 5 |

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|----|--|-----|-----------|
| 37 | Fabrication of Photoconductive Copper Oxide Thin Films by the Chemical Bath Deposition Technique. Japanese Journal of Applied Physics, 2010, 49, 081102. | 1.5 | 17 |
| 38 | Ejection angle and depth of photoelectrons based on the electromagnetic wave concept. Journal of Modern Optics, 0, , 1-8. | 1.3 | 3 |
| 39 | Antenna designing for efficient rectenna solar cells. Physica Scripta, 0, , . | 2.5 | 1 |