

Muhammad Abas

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

289
citations

933264

10
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

164
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Risk factors influencing the building projects in Pakistan: from perspective of contractors, clients and consultants. International Journal of Construction Management, 2022, 22, 1141-1157. | 2.2 | 14 |
| 2 | Assessment of critical risk and success factors in construction supply chain: a case of Pakistan. International Journal of Construction Management, 2022, 22, 2258-2266. | 2.2 | 26 |
| 3 | Optimization of Carbon Fiber Reinforced Plastic Curing Parameters for Aerospace Application. Applied Sciences (Switzerland), 2022, 12, 4307. | 1.3 | 10 |
| 4 | Parametric Study and Optimization of End-Milling Operation of AISI 1522H Steel Using Definitive Screening Design and Multi-Criteria Decision-Making Approach. Materials, 2022, 15, 4086. | 1.3 | 8 |
| 5 | Development of Prediction Model for Conductive Pattern Lines Generated Through Positive Displacement Microdispensing System Using Artificial Neural Network. Arabian Journal for Science and Engineering, 2021, 46, 2429-2442. | 1.7 | 4 |
| 6 | Quantitative Analysis of Sustainable Use of Construction Materials for Supply Chain Integration and Construction Industry Performance through Structural Equation Modeling (SEM). Sustainability, 2021, 13, 522. | 1.6 | 9 |
| 7 | Experimental Investigation and Multi-Response Optimization of Machinability of AA5005H34 Using Composite Desirability Coupled with PCA. Metals, 2021, 11, 235. | 1.0 | 17 |
| 8 | Implementation of POLCA Integrated QRM Framework for Optimized Production Performance—A Case Study. Sustainability, 2021, 13, 3452. | 1.6 | 3 |
| 9 | Experimental and Statistical Analysis of Saw Mill Wood Waste Composite Properties for Practical Applications. Polymers, 2021, 13, 4038. | 2.0 | 4 |
| 10 | Improved MRO Inventory Management System in Oil and Gas Company: Increased Service Level and Reduced Average Inventory Investment. Sustainability, 2020, 12, 8027. | 1.6 | 11 |
| 11 | Experimental Investigation and Statistical Evaluation of Optimized Cutting Process Parameters and Cutting Conditions to Minimize Cutting Forces and Shape Deviations in Al6026-T9. Materials, 2020, 13, 4327. | 1.3 | 15 |
| 12 | Multi response optimization of injection moulding process parameters of polystyrene and polypropylene to minimize surface roughness and shrinkage™s using integrated approach of S/N ratio and composite desirability function. Cogent Engineering, 2020, 7, 1781424. | 1.1 | 18 |
| 13 | Optimization of machining parameters of aluminum alloy 6026-T9 under MQL-assisted turning process. Journal of Materials Research and Technology, 2020, 9, 10916-10940. | 2.6 | 60 |
| 14 | An Integrated Approach of GRA Coupled with Principal Component Analysis for Multi-Optimization of Shielded Metal Arc Welding (SMAW) Process. Materials, 2020, 13, 3457. | 1.3 | 25 |
| 15 | A Mathematical Model for Reduction of Trim Loss in Cutting Reels at a Make-to-Order Paper Mill. Applied Sciences (Switzerland), 2020, 10, 5274. | 1.3 | 10 |
| 16 | Multi-Response Optimization of Tensile Creep Behavior of PLA 3D Printed Parts Using Categorical Response Surface Methodology. Polymers, 2020, 12, 2962. | 2.0 | 29 |
| 17 | Fabrication of PEDOT: PSS conductive patterns on photo paper substrate through electro-hydrodynamic jet printing process. International Journal of Lightweight Materials and Manufacture, 2019, 2, 318-329. | 1.3 | 3 |
| 18 | Direct ink writing of flexible electronic circuits and their characterization. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1. | 0.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Fabrication of flex sensors through direct ink write technique and its electrical characterization. Applied Physics A: Materials Science and Processing, 2016, 122, 1. | 1.1 | 5 |