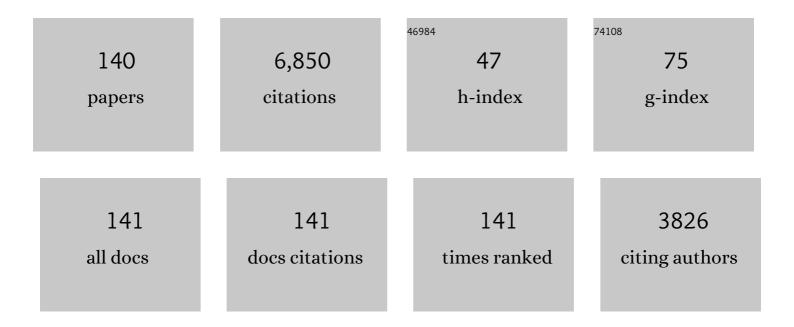
## Pradeep Kumar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11277802/publications.pdf Version: 2024-02-01



| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Risk analysis in green supply chain using fuzzy AHP approach: A case study. Resources, Conservation<br>and Recycling, 2015, 104, 375-390.  | 5.3 | 351       |
| 2  | A goal programming model for paper recycling systemâ <sup>~</sup> †. Omega, 2008, 36, 405-417.   | 3.6 | 285       |
| 3  | Systematic failure mode effect analysis (FMEA) using fuzzy linguistic modelling. International Journal of Quality and Reliability Management, 2005, 22, 986-1004.  | 1.3 | 246       |
| 4  | Some studies on P91 steel and their weldments. Journal of Alloys and Compounds, 2018, 743, 332-364.  | 2.8 | 174       |
| 5  | A combined approach using AHP and DEMATEL for evaluating success factors in implementation of green supply chain management in Indian manufacturing industries. International Journal of Logistics Research and Applications, 2016, 19, 537-561. | 5.6 | 150       |
| 6  | A new approach to joining of bulk copper using microwave energy. Materials & Design, 2011, 32, 2685-2694.  | 5.1 | 148       |
| 7  | Flexible Decision Approach for Analysing Performance of Sustainable Supply Chains Under<br>Risks/Uncertainty. Global Journal of Flexible Systems Management, 2014, 15, 113-130.  | 3.4 | 146       |
| 8  | Study of the fracture surface morphology of impact and tensile tested cast and forged (C&F)<br>Grade 91 steel at room temperature for different heat treatment regimes. Engineering Failure Analysis,<br>2017, 71, 131-147.                      | 1.8 | 146       |
| 9  | An integrated model to identify and classify the key criteria and their role in the assessment of 3PL services providers. Asia Pacific Journal of Marketing and Logistics, 2008, 20, 227-249.  | 1.8 | 140       |
| 10 | Effect of welding parameters on microstructure and mechanical properties of friction stir welded joints of AA7039 aluminum alloy. Materials & Design, 2012, 36, 379-390.   | 5.1 | 138       |
| 11 | Evaluating factors in implementation of successful green supply chain management using DEMATEL: A case study. International Strategic Management Review, 2015, 3, 96-109.  | 2.3 | 136       |
| 12 | Mitigate risks in perishable food supply chains: Learning from COVID-19. Technological Forecasting and Social Change, 2021, 166, 120643.   | 6.2 | 123       |
| 13 | Quality optimization (multi-characteristics) through Taguchi's technique and utility concept. Quality and Reliability Engineering International, 2000, 16, 475-485.  | 1.4 | 118       |
| 14 | Optimization of multiple quality characteristics for CNC turning under cryogenic cutting<br>environment using desirability function. Journal of Materials Processing Technology, 2008, 205, 42-50.   | 3.1 | 116       |
| 15 | Modeling the logistics outsourcing relationship variables to enhance shippers' productivity and competitiveness in logistical supply chain. International Journal of Productivity and Performance Management, 2007, 56, 689-714.                 | 2.2 | 112       |
| 16 | Effect of post weld heat treatments on microstructure and mechanical properties of friction stir welded joints of Al–Zn–Mg alloy AA7039. Materials & Design, 2013, 43, 134-143.  | 5.1 | 112       |
| 17 | Investigation on microstructural and mechanical properties of microwave processed dissimilar joints. Journal of Manufacturing Processes, 2011, 13, 141-146.  | 2.8 | 109       |
| 18 | FLM to select suitable maintenance strategy in process industries using MISO model. Journal of<br>Quality in Maintenance Engineering, 2005, 11, 359-374.   | 1.0 | 107       |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Manufacturing excellence through TPM implementation: a practical analysis. Industrial Management<br>and Data Systems, 2006, 106, 256-280.   | 2.2 | 95        |
| 20 | Effect of Pulse Duration on Quality Characteristics of Blind Hole Drilled in Glass by ECDM. Materials and Manufacturing Processes, 2016, 31, 1740-1748.   | 2.7 | 87        |
| 21 | Role of evolving microstructure on the mechanical behaviour of P92 steel welded joint in as-welded and post weld heat treated state. Journal of Materials Processing Technology, 2019, 263, 241-255.  | 3.1 | 87        |
| 22 | Influence of in-process cooling on tensile behaviour of friction stir welded joints of AA7039.<br>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and<br>Processing, 2012, 556, 479-487.  | 2.6 | 84        |
| 23 | Microstructure and mechanical property relationship for different heat treatment and hydrogen<br>level in multi-pass welded P91 steel joint. Journal of Manufacturing Processes, 2017, 28, 220-234.   | 2.8 | 82        |
| 24 | Effect of evaporative pattern casting process parameters on the surface roughness of Al–7% Si alloy castings. Journal of Materials Processing Technology, 2007, 182, 615-623.   | 3.1 | 81        |
| 25 | Challenges in perishable food supply chains for sustainability management: A developing economy perspective. Business Strategy and the Environment, 2020, 29, 1809-1831.  | 8.5 | 80        |
| 26 | On Electro Discharge Machining of Inconel 718 with Hollow Tool. Journal of Materials Engineering and Performance, 2012, 21, 882-891.  | 1.2 | 75        |
| 27 | On ultrasonic assisted abrasive flow finishing of bevel gears. International Journal of Machine Tools and Manufacture, 2015, 89, 29-38.   | 6.2 | 75        |
| 28 | Prioritizing the responses to manage risks in green supply chain: An Indian plastic manufacturer perspective. Sustainable Production and Consumption, 2015, 1, 67-86.   | 5.7 | 72        |
| 29 | Flexible Decision Modeling for Evaluating the Risks in Green Supply Chain Using Fuzzy AHP and IRP<br>Methodologies. Global Journal of Flexible Systems Management, 2015, 16, 19-35.   | 3.4 | 72        |
| 30 | Hydrogen induced cold cracking of creep resistant ferritic P91 steel for different diffusible hydrogen<br>levels in deposited metal. International Journal of Hydrogen Energy, 2016, 41, 17695-17712.   | 3.8 | 70        |
| 31 | Characterization of bulk stainless steel joints developed through microwave hybrid heating.<br>Materials Characterization, 2014, 91, 34-41.   | 1.9 | 69        |
| 32 | A Flexible Decision Framework for Building Risk Mitigation Strategies in Green Supply Chain Using<br>SAP–LAP and IRP Approaches. Global Journal of Flexible Systems Management, 2014, 15, 203-218.  | 3.4 | 69        |
| 33 | Fuzzy modeling of system behavior for risk and reliability analysis. International Journal of Systems<br>Science, 2008, 39, 563-581.  | 3.7 | 66        |
| 34 | Effect of normalization and tempering on microstructure and mechanical properties of V-groove and narrow-groove P91 pipe weldments. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 685, 39-49.                 | 2.6 | 66        |
| 35 | Comparative study of autogenous tungsten inert gas welding and tungsten arc welding with filler wire for dissimilar P91 and P92 steel weld joint. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 712, 720-737. | 2.6 | 66        |
| 36 | Parametric Optimization of Centrifugal Force-Assisted Abrasive Flow Machining (CFAAFM) by the Taguchi Method. Materials and Manufacturing Processes, 2006, 21, 375-382.   | 2.7 | 64        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Optimization of tensile properties of evaporative pattern casting process through Taguchi's method.<br>Journal of Materials Processing Technology, 2008, 204, 59-69.   | 3.1 | 63        |
| 38 | Effect of post weld heat treatments on microstructure evolution and type IV cracking behavior of the P91 steel welds joint. Journal of Materials Processing Technology, 2019, 266, 140-154.  | 3.1 | 62        |
| 39 | Microstructure-based assessment of creep rupture behaviour of cast-forged P91 steel. Materials<br>Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017,<br>695, 291-301.   | 2.6 | 60        |
| 40 | Effect of tool rotation in near-dry EDM process on machining characteristics of HSS. Materials and Manufacturing Processes, 2019, 34, 779-790.   | 2.7 | 60        |
| 41 | Study on effect of double austenitization treatment on fracture morphology tensile tested nuclear grade P92 steel. Engineering Failure Analysis, 2019, 96, 158-167.  | 1.8 | 60        |
| 42 | Assessment of CSR based supply chain performance system using an integrated fuzzy AHP-TOPSIS approach. International Journal of Logistics Research and Applications, 2018, 21, 378-406.  | 5.6 | 58        |
| 43 | Softening mechanism of P91 steel weldments using heat treatments. Archives of Civil and Mechanical Engineering, 2019, 19, 297-310.   | 1.9 | 56        |
| 44 | Effect of Weld Consumable Conditioning on the Diffusible Hydrogen and Subsequent Residual Stress<br>and Flexural Strength of Multipass Welded P91 Steels. Metallurgical and Materials Transactions B:<br>Process Metallurgy and Materials Processing Science, 2018, 49, 2881-2895. | 1.0 | 55        |
| 45 | Research trends in abrasive flow machining: A systematic review. Journal of Manufacturing Processes, 2021, 64, 1434-1461.  | 2.8 | 55        |
| 46 | An integrated methodology of FTA and fuzzy AHP for risk assessment in green supply chain.<br>International Journal of Operational Research, 2016, 25, 77.  | 0.1 | 54        |
| 47 | Assessment of Critical Enablers for Flexible Supply Chain Performance Measurement System Using<br>Fuzzy DEMATEL Approach. Global Journal of Flexible Systems Management, 2015, 16, 115-132.  | 3.4 | 53        |
| 48 | Dissimilar joining of CSEF steels using autogenous tungsten-inert gas welding and gas tungsten arc<br>welding and their effect on l´-ferrite evolution and mechanical properties. Journal of Manufacturing<br>Processes, 2018, 31, 247-259.  | 2.8 | 53        |
| 49 | Microstructure characterization and charpy toughness of P91 weldment for as-welded, post-weld<br>heat treatment and normalizing & tempering heat treatment. Metals and Materials International,<br>2017, 23, 900-914.  | 1.8 | 52        |
| 50 | Predicting uncertain behavior of industrial system using FM—A practical case. Applied Soft Computing<br>Journal, 2008, 8, 96-109.  | 4.1 | 51        |
| 51 | A brief study on δ-ferrite evolution in dissimilar P91 and P92 steel weld joint and their effect on mechanical properties. Archives of Civil and Mechanical Engineering, 2018, 18, 713-722.  | 1.9 | 51        |
| 52 | Effect of strain rate and notch geometry on tensile properties and fracture mechanism of creep strength enhanced ferritic P91 steel. Journal of Nuclear Materials, 2018, 498, 176-186.   | 1.3 | 49        |
| 53 | A comparative study of ductile-brittle transition behavior and fractography of P91 and P92 steel.<br>Engineering Failure Analysis, 2017, 81, 245-253.  | 1.8 | 48        |
| 54 | Experimental investigation and optimisation in EDM of Al 6063 SiC <sub align="right">p metal matrix composite. International Journal of Machining and Machinability of Materials, 2008, 3, 293.</sub>  | 0.1 | 45        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Experimental Studies on Mechanism of Material Removal in Abrasive Flow Machining Process.<br>Materials and Manufacturing Processes, 2008, 23, 714-718.   | 2.7 | 43        |
| 56 | Effect of post weld heat treatments on fracture frontier and type IV cracking nature of the crept P91<br>welded sample. Materials Science & Engineering A: Structural Materials: Properties,<br>Microstructure and Processing, 2018, 731, 249-265.                                     | 2.6 | 43        |
| 57 | Optimizing multiâ€machining characteristics through Taguchi's approach and utility concept. Journal of Manufacturing Technology Management, 2006, 17, 255-274.   | 3.3 | 42        |
| 58 | Analytical modeling of third party service provider selection in lead logistics provider environments.<br>Journal of Modelling in Management, 2010, 5, 275-286.  | 1.1 | 41        |
| 59 | Analysis of interactions among the drivers of green supply chain management. International Journal of Business Performance and Supply Chain Modelling, 2015, 7, 92.  | 0.2 | 40        |
| 60 | Parametric optimization of magnetic-field-assisted abrasive flow machining by the Taguchi method.<br>Quality and Reliability Engineering International, 2002, 18, 273-283.   | 1.4 | 39        |
| 61 | Performance enhancement of rotary tool near-dry EDM of HSS by supplying oxygen gas in the dielectric medium. Materials and Manufacturing Processes, 2019, 34, 1832-1846.   | 2.7 | 39        |
| 62 | On near-dry wire ECDM of Al6063/SiC/10p MMC. Materials and Manufacturing Processes, 2021, 36, 122-134.   | 2.7 | 38        |
| 63 | EDM of high aspect ratio micro-holes on Ti-6Al-4V alloy by synchronizing energy interactions.<br>Materials and Manufacturing Processes, 2020, 35, 1188-1203.   | 2.7 | 37        |
| 64 | Joining of Mild Steel Plates Using Microwave Energy. Advanced Materials Research, 0, 585, 465-469.   | 0.3 | 35        |
| 65 | Fatigue behavior of friction stir weld joints of Al–Zn–Mg alloy AA7039 developed using base metal in<br>different temper condition. Materials & Design, 2014, 64, 334-344.   | 5.1 | 35        |
| 66 | Influence of pre-weld temper conditions of base metal on microstructure and mechanical properties<br>of friction stir weld joints of Al–Zn–Mg alloy AA7039. Materials Science & Engineering A:<br>Structural Materials: Properties, Microstructure and Processing, 2015, 620, 107-119. | 2.6 | 35        |
| 67 | Diffusible Hydrogen Level in Deposited Metal and Their Effect on Tensile Properties and Flexural<br>Strength of P91 Steel. Journal of Engineering Materials and Technology, Transactions of the ASME,<br>2017, 139, .  | 0.8 | 34        |
| 68 | Modeling system behavior for risk and reliability analysis using KBARM. Quality and Reliability<br>Engineering International, 2007, 23, 973-998.   | 1.4 | 32        |
| 69 | Taguchi's optimization of process parameters for production accuracy in ultrasonic drilling of engineering ceramics. Production Engineering, 2009, 3, 243-253.   | 1.1 | 32        |
| 70 | Decision and information interoperability for improving performance of product recovery systems.<br>Decision Support Systems, 2012, 53, 448-457.   | 3.5 | 31        |
| 71 | An integrated literature review on sustainable food supply chains: Exploring research themes and future directions. Science of the Total Environment, 2022, 821, 153411.   | 3.9 | 31        |
| 72 | An experimental study of the machining parameters in powder mixed electric discharge machining of<br>Al 10%SiC <sub align="right">P metal matrix composites. International Journal of Machining and<br/>Machinability of Materials, 2006, 1, 396.</sub>                                | 0.1 | 30        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | QUALITY OF V-PROCESS MOULDS THROUGH THE TAGUCHI TECHNIQUE. Quality and Reliability Engineering International, 1996, 12, 421-427.   | 1.4 | 29        |
| 74 | Optimization of process parameters for ultrasonic drilling of advanced engineering ceramics using the Taguchi approach. Engineering Optimization, 2006, 38, 771-787.   | 1.5 | 29        |
| 75 | Framework for benchmarking logistics performance using fuzzy AHP. International Journal of<br>Business Performance and Supply Chain Modelling, 2009, 1, 82.  | 0.2 | 27        |
| 76 | Effect of creep phenomena on room-temperature tensile properties of cast & forged P91 steel.<br>Engineering Failure Analysis, 2017, 79, 385-396.   | 1.8 | 27        |
| 77 | Modeling and analysing system failure behaviour using RCA, FMEA and NHPPP models. International<br>Journal of Quality and Reliability Management, 2007, 24, 525-546.   | 1.3 | 26        |
| 78 | Effect of Slurry Composition on Plate Weight in Ceramic Shell Investment Casting. Journal of<br>Materials Engineering and Performance, 2008, 17, 489-498.  | 1.2 | 26        |
| 79 | A photoelasticity approach for characterization of defects in microwave drilling of soda lime glass.<br>Journal of Materials Processing Technology, 2015, 225, 151-161.  | 3.1 | 26        |
| 80 | Selection of 3PL service providers: a combined approach of AHP and Graph theory. International<br>Journal of Services, Technology and Management, 2009, 12, 35.  | 0.1 | 25        |
| 81 | A comparative study of transverse shrinkage stresses and residual stresses in P91 welded pipe including plasticity error. Archives of Civil and Mechanical Engineering, 2018, 18, 1000-1011.                         | 1.9 | 25        |
| 82 | Development and characterization of xanthan gum-based abrasive media and performance analysis using abrasive flow machining. Journal of Manufacturing Processes, 2021, 67, 101-115.                                  | 2.8 | 25        |
| 83 | Quality costing in process industries through QCAS: a practical case. International Journal of Production Research, 2007, 45, 3381-3403.   | 4.9 | 24        |
| 84 | Monte Carlo Simulation Based Approach to Manage Risks in Operational Networks in Green Supply<br>Chain. Procedia Engineering, 2014, 97, 2186-2194.   | 1.2 | 24        |
| 85 | Parametric optimization of surface roughness castings produced by Evaporative Pattern Casting process. Materials Letters, 2006, 60, 3048-3053.   | 1.3 | 23        |
| 86 | Manufacturing process optimisation for tool wear rate in ultrasonic drilling of engineering<br>ceramics using the Taguchi method. International Journal of Machining and Machinability of<br>Materials, 2006, 1, 94. | 0.1 | 23        |
| 87 | Effect of Process Parameters on the Solidification Time of Al-7%Si Alloy Castings Produced by VAEPC<br>Process. Materials and Manufacturing Processes, 2007, 22, 879-886.  | 2.7 | 23        |
| 88 | A framework to implement QCS through process cost modeling. The TQM Journal, 2007, 19, 18-36.  | 0.9 | 23        |
| 89 | Experimental investigations into ultrasonic-assisted abrasive flow machining (UAAFM) process.<br>International Journal of Advanced Manufacturing Technology, 2015, 80, 477-493.                                      | 1.5 | 23        |
| 90 | Mechanical Behavior of Nettle/Wool Fabric Reinforced Polyethylene Composites. Journal of Natural<br>Fibers, 2016, 13, 610-618.   | 1.7 | 22        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | Barriers for adoption of Industry 4.0 in sustainable food supply chain: a circular economy perspective. International Journal of Productivity and Performance Management, 2024, 73, 385-411.                        | 2.2 | 22        |
| 92  | Barriers in adoption of additive manufacturing in medical sector supply chain. Journal of Advances in<br>Management Research, 2021, 18, 637-660.  | 1.6 | 21        |
| 93  | Experimental investigations into abrasive flow machining (AFM) of 3D printed ABS and PLA parts. Rapid Prototyping Journal, 2022, 28, 161-174.   | 1.6 | 21        |
| 94  | Performance enhancement of rotary tool near-dry EDM process through tool modification. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.  | 0.8 | 21        |
| 95  | FM – a pragmatic tool to model, analyse and predict complex behaviour of industrial systems.<br>Engineering Computations, 2007, 24, 319-346.  | 0.7 | 20        |
| 96  | Fracture behaviour of crept P91 welded sample for different post weld heat treatments condition.<br>Engineering Failure Analysis, 2019, 95, 18-29.  | 1.8 | 20        |
| 97  | Selection of Logistics Services Provider (LSP) under fuzzy environment: a graph-theoretic and matrix approach. International Journal of Logistics Systems and Management, 2009, 5, 551.                             | 0.2 | 19        |
| 98  | On Crack Control Strategy in Near-Field Microwave Drilling of Soda Lime Glass Using Precursors.<br>Journal of Thermal Science and Engineering Applications, 2015, 7, .  | 0.8 | 19        |
| 99  | Effect on crystalline structure of AISI M2 steel using tungsten–thorium electrode through MRR,<br>EWR, and surface finish. Measurement: Journal of the International Measurement Confederation, 2016,<br>90, 74-84. | 2.5 | 19        |
| 100 | Recent Developments and Research Issues in Microultrasonic Machining. ISRN Mechanical Engineering, 2011, 2011, 1-15.  | 0.9 | 18        |
| 101 | Analyzing CSR issues for supply chain performance system using preference rating approach. Journal of Manufacturing Technology Management, 2015, 26, 830-852.   | 3.3 | 18        |
| 102 | Investigations on the fabrication of a patterned tool by chemical etching. Materials and Manufacturing Processes, 2021, 36, 1840-1852.  | 2.7 | 18        |
| 103 | Behaviour analysis and resource optimisation for an industrial system. International Journal of<br>Industrial and Systems Engineering, 2007, 2, 413.  | 0.1 | 17        |
| 104 | Response of natural fiber reinforced polymer composites when subjected to various environments.<br>International Journal of Plastics Technology, 2018, 22, 56-72.   | 2.9 | 16        |
| 105 | Autogenous Tungsten Inert Gas and Gas Tungsten Arc With Filler Welding of Dissimilar P91 and P92<br>Steels. Journal of Pressure Vessel Technology, Transactions of the ASME, 2018, 140, .                           | 0.4 | 15        |
| 106 | Galvanic Corrosion Behavior of Microwave Welded and Post-weld Heat-Treated Inconel-718 Joints.<br>Journal of Materials Engineering and Performance, 2017, 26, 2322-2330.  | 1.2 | 14        |
| 107 | Microstructure and transverse shrinkage stress analysis in GTA welds of P91 steel pipe. International<br>Journal of Steel Structures, 2017, 17, 763-774.  | 0.6 | 14        |
| 108 | Behavioral and performance analysis of feeding system using stochastic reward nets. International<br>Journal of Advanced Manufacturing Technology, 2009, 45, 156-169.   | 1.5 | 13        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | A fuzzy DEMATEL-based approach for evaluation of risks in green initiatives in supply chain.<br>International Journal of Logistics Systems and Management, 2016, 24, 226.  | 0.2 | 13        |
| 110 | Investigations on Rotary Tool Near-Dry Electric Discharge Machining. Minerals, Metals and Materials Series, 2017, , 327-334.   | 0.3 | 13        |
| 111 | Modelling and analysis of barriers for supply chain performance measurement system. International<br>Journal of Operational Research, 2017, 28, 392.   | 0.1 | 13        |
| 112 | Assessing CSR practices for supply chain performance system using fuzzy DEMATEL approach.<br>International Journal of Logistics Systems and Management, 2015, 22, 77.  | 0.2 | 12        |
| 113 | Selecting alternatives for improvement in IT enabled supply chain performance. International Journal of Procurement Management, 2014, 7, 168.  | 0.1 | 11        |
| 114 | Heterogeneity of Microstructure and Mechanical Properties of Friction Stir Welded Joints of Al-Zn-Mg Alloy AA7039. Procedia Engineering, 2013, 64, 1384-1394.  | 1.2 | 10        |
| 115 | System dynamics investigation of information technology in small and medium enterprise supply chain. Journal of Advances in Management Research, 2012, 9, 199-207.   | 1.6 | 9         |
| 116 | On Improvement in Surface Integrity of Âμ-EDMed Ti–6Al–4V Alloy by Âμ-ECM Process. Minerals, Metals<br>and Materials Series, 2019, , 745-753.  | 0.3 | 9         |
| 117 | Experimental Investigation on Surface Morphology of Micro-EDMed Ti-6Al-4ÂV Alloy. Lecture Notes in<br>Intelligent Transportation and Infrastructure, 2020, , 69-74.  | 0.3 | 9         |
| 118 | Integrated model for selection of third party service providers by global lead logistics providers.<br>International Journal of Business Performance and Supply Chain Modelling, 2009, 1, 187.                                       | 0.2 | 8         |
| 119 | Effect of EDM process parameters on surface quality of Al 6063 SiC <sub align="right">p metal matrix composite. International Journal of Materials and Product Technology, 2010, 39, 357.</sub>                                      | 0.1 | 8         |
| 120 | A Feasibility Study On Drilling Of Metals Through Microwave Heating. I-manager's Journal on<br>Mechanical Engineering, 2012, 2, 1-6.   | 0.4 | 8         |
| 121 | Density Optimization of Slurry of Coating Material Used in the EPC Process Through Taguchi's Parameter Design Approach. Materials and Manufacturing Processes, 2008, 23, 719-725.  | 2.7 | 7         |
| 122 | Quantitative assessment of mutual relationship of issues experienced in greening supply chain using<br>ISM-fuzzy MICMAC approach. International Journal of Logistics Systems and Management, 2018, 30, 162.                          | 0.2 | 7         |
| 123 | Innovations in electro chemical discharge machining process through electrolyte stirring and tool rotations. International Journal of Machining and Machinability of Materials, 2020, 22, 487.                                       | 0.1 | 7         |
| 124 | Investigation on the Effect of Input Parameters on Surface Quality During Rotary Tool Near-Dry EDM.<br>Lecture Notes in Intelligent Transportation and Infrastructure, 2020, , 41-47.  | 0.3 | 7         |
| 125 | Fabrication and characterization of Al6063/SiC composites using electromagnetic stir casting process. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2022, 236, 187-193. | 1.4 | 7         |
| 126 | Quality optimisation of surface finishing by magnetic field assisted abrasive flow machining through<br>Taguchi technique. International Journal of Computer Applications in Technology, 2006, 27, 31.                               | 0.3 | 6         |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Experimental investigations to optimise step drill geometry for burr minimisation in drilling using regression model. International Journal of Manufacturing Technology and Management, 2010, 21, 122.                            | 0.1 | 6         |
| 128 | Characterisation of dissimilar P91 and P92 steel welds joint. Materials at High Temperatures, 2019, 36, 275-284.  | 0.5 | 6         |
| 129 | Optimisation of MRR in ultrasonic drilling (USD) based on Taguchi's robust design methodology.<br>International Journal of Machining and Machinability of Materials, 2006, 1, 445.  | 0.1 | 5         |
| 130 | Parametric Study while Microchanneling on Optical Glass Using Microcontroller Driven ECDM<br>Process. Advanced Materials Research, 0, 585, 417-421.   | 0.3 | 5         |
| 131 | Assessing the performance of STED process for fabricating high aspect ratio holes on Inconel 718 alloy. Materials and Manufacturing Processes, 2021, 36, 677-692.   | 2.7 | 5         |
| 132 | Effect of welding process and PWHT on δ-ferrite evolution in dissimilar P91 and P92 steel joint.<br>Materials Today: Proceedings, 2018, 5, 17080-17088.   | 0.9 | 4         |
| 133 | Investigating the Performance of the Rotary Tool Near-Dry Electrical Discharge Machining Process through Debris Analysis. Journal of Materials Engineering and Performance, 2022, 31, 8405-8417.                                  | 1.2 | 4         |
| 134 | Investigation of hole roundness-error using different electrolytes in STED process. Materials and Manufacturing Processes, 2022, 37, 1405-1421.   | 2.7 | 4         |
| 135 | Role of Heat Treatment on Grain Refinement and Microhardness of 9Cr–1Mo–V–Nb Steel.<br>Metallography, Microstructure, and Analysis, 2019, 8, 472-478.   | 0.5 | 3         |
| 136 | Analysing the importance rating of CSR challenges in order to improve the supply chain performance.<br>International Journal of Intercultural Information Management, 2014, 4, 34.  | 0.0 | 2         |
| 137 | Evaluation of the Surface Integrity of Titanium Nitride Coating Deposited on the Ni–Ti Substrate<br>Through the Near-Dry Electrical Discharge Surface Coating Process. Minerals, Metals and Materials<br>Series, 2021, , 421-429. | 0.3 | 2         |
| 138 | Investigating Enablers to Improve Transparency in Sustainable Food Supply Chain Using F-BWM.<br>Advances in Intelligent Systems and Computing, 2021, , 567-575.   | 0.5 | 1         |
| 139 | Burr Minimization in Drilling of Al6061/SiCp Metal Matrix Composite. Applied Mechanics and Materials, 0, 895, 206-211.  | 0.2 | 0         |
| 140 | Application of Taguchi Method in the Optimization of Process Parameters for Conicity of Holes in<br>Ultrasonic Drilling of Engineering Ceramics. , 0, , 167-178.  |     | 0         |