

Jefferson de Oliveira Gomes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5269651/publications.pdf>

Version: 2024-02-01

67
papers

531
citations

758635

12
h-index

794141

19
g-index

68
all docs

68
docs citations

68
times ranked

561
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A new approach to reduce the carbon footprint in resistance spot welding by energy efficiency evaluation. International Journal of Advanced Manufacturing Technology, 2022, 119, 6503-6520. | 1.5 | 4 |
| 2 | Evaluation of Additive Manufacturing Parts Machinability using Automated GMAW ER70S-6 with Nodular Cast Iron. U Porto Journal of Engineering, 2021, 7, 88-97. | 0.2 | 2 |
| 3 | Titanium Ti-6Al-4V Alloy Milling by Applying Industrial Robots. U Porto Journal of Engineering, 2021, 7, 69-77. | 0.2 | 0 |
| 4 | Adapted versus Projected Machining Centers Energy Consumption for MQL Technique. U Porto Journal of Engineering, 2021, 7, 78-87. | 0.2 | 0 |
| 5 | Evaluation of carbon fiber reinforced polymer (CFRP) machining by applying industrial robots. Science and Engineering of Composite Materials, 2021, 28, 285-298. | 0.6 | 6 |
| 6 | Influence of the fatty acid profile on the lubricating film formation in micro-milling process on 7050-T7451 aluminum alloy. International Journal of Advanced Manufacturing Technology, 2020, 106, 233-241. | 1.5 | 7 |
| 7 | A privacidade em tempos de pandemia e a escada de monitoramento e rastreio. Estudos Avancados, 2020, 34, 175-190. | 0.2 | 5 |
| 8 | Corrigendum to "Application of Hall effect for assessing grinding thermal damage" [J. Mater. Process. Technol. 270 (2019) 356-364]. Journal of Materials Processing Technology, 2019, 274, 116299. | 3.1 | 0 |
| 9 | Tribological evaluation of the Jatropha and Tung-based oils as bio-lubricants on Al-7050-T7451 alloy. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1. | 0.8 | 11 |
| 10 | Application of Hall effect for assessing grinding thermal damage. Journal of Materials Processing Technology, 2019, 270, 356-364. | 3.1 | 13 |
| 11 | Use of Jatropha and Moringa oils for lubricants: Metalworking fluids more environmental-friendly. Industrial Crops and Products, 2019, 129, 594-603. | 2.5 | 19 |
| 12 | Potential of niobium carbide application as the hard phase in cutting tool substrate. International Journal of Refractory Metals and Hard Materials, 2018, 70, 116-123. | 1.7 | 16 |
| 13 | Residual stress interaction on gear manufacturing. Journal of Materials Processing Technology, 2018, 252, 249-258. | 3.1 | 39 |
| 14 | Comparative analysis between challenges in a Brazilian perspective and worldwide initiatives in Advanced Manufacturing. Brazilian Journal of Operations and Production Management, 2018, 15, 209-223. | 0.8 | 1 |
| 15 | Geometrical analysis and tensile behaviour of parts manufactured with flame retardant polymers by additive manufacturing. Rapid Prototyping Journal, 2017, 23, 169-180. | 1.6 | 11 |
| 16 | Supply Chain Development " Model, Opportunities, and Challenges. Procedia CIRP, 2016, 41, 544-549. | 1.0 | 2 |
| 17 | Assessing the heterogeneity of residual stress for complementing the fatigue performance comprehension. Journal of Strain Analysis for Engineering Design, 2016, 51, 347-357. | 1.0 | 9 |
| 18 | Proposal of an Innovative Environment for Supporting Production Scale-up, Including Design, Prototyping, Manufacturing, Assembly, Testing, and Certification of Products that Require Special Conditions. Procedia CIRP, 2016, 41, 177-182. | 1.0 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Methodological tools for assessing the sustainability index (SI) of industrial production processes. International Journal of Advanced Manufacturing Technology, 2016, 87, 1313-1325. | 1.5 | 17 |
| 20 | Experimental approach for analysis of vibration sources in a gear hobbing machining process. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2016, 38, 789-797. | 0.8 | 4 |
| 21 | Strategic Management Method for the Incubation Process of Industrial Companies: Case Study of the Tooling Industry in Brazil. Procedia CIRP, 2016, 41, 129-134. | 1.0 | 4 |
| 22 | Vibration Analysis and Energy Efficiency in Interrupted Face Milling Processes. Procedia CIRP, 2015, 29, 245-250. | 1.0 | 12 |
| 23 | Method for Increasing Energy Efficiency in Flexible Manufacturing Systems: A Case Study. Procedia CIRP, 2015, 29, 40-44. | 1.0 | 8 |
| 24 | The Jatropa curcas vegetable base soluble cutting oil as a renewable source in the machining of aluminum alloy 7050-T7451. Industrial Lubrication and Tribology, 2015, 67, 181-195. | 0.6 | 12 |
| 25 | Sustainability Assessment in Conventional and Industrialized Systems Built in Brazil. Procedia CIRP, 2015, 29, 144-149. | 1.0 | 6 |
| 26 | Proposed Framework for End-of-life Aircraft Recycling. Procedia CIRP, 2015, 26, 311-316. | 1.0 | 24 |
| 27 | Social Life Cycle Assessment of three Companies of the Furniture Sector. Procedia CIRP, 2015, 29, 150-155. | 1.0 | 14 |
| 28 | Analysis of the tribological behaviour of an automotive engine exhaust valve and a valve seat using a newly developed high temperature workbench. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2015, 37, 1743-1749. | 0.8 | 3 |
| 29 | Energy Efficiency Evaluation for Machining Process in Flexible Manufacturing Systems – A Case Study. Procedia CIRP, 2015, 29, 104-108. | 1.0 | 5 |
| 30 | Design and operation of a high temperature wear test apparatus for automotive valve materials. Wear, 2015, 342-343, 129-137. | 1.5 | 12 |
| 31 | Reducing the Development Life Cycle of Automotive Valves and Seat Valves Using a New Workbench for High Temperature Wear Testing. Procedia CIRP, 2015, 29, 833-838. | 1.0 | 5 |
| 32 | Extending producer responsibility: Framework to incorporate life cycle assessment in aircraft preliminary design based on take-back policies. , 2014, , . | | 1 |
| 33 | Reliability of the Sustainability Assessment. Procedia CIRP, 2014, 15, 361-366. | 1.0 | 2 |
| 34 | A Framework to Integrate the End-of-Life Aircraft in Preliminary Design. Procedia CIRP, 2014, 15, 508-513. | 1.0 | 8 |
| 35 | Performance of the jatropa vegetable-base soluble cutting oil as a renewable source in the aluminum alloy 7050-T7451 milling. CIRP Journal of Manufacturing Science and Technology, 2014, 7, 210-221. | 2.3 | 29 |
| 36 | Combining Collaborative Networks and Knowledge Management: The SENAI Case. Lecture Notes in Computer Science, 2014, , 664-672. | 1.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Influence of inclusion contents on the micro-machinability of three plastic mold steels. International Journal of Advanced Manufacturing Technology, 2013, 68, 2451-2460. | 1.5 | 4 |
| 38 | An analysis of the machinability of ASTM grades 2 and 3 austempered ductile iron. Journal of Materials Processing Technology, 2013, 213, 560-573. | 3.1 | 24 |
| 39 | The influence on gear surface properties using shot peening with a bimodal media size distribution. Journal of Materials Processing Technology, 2013, 213, 2152-2162. | 3.1 | 13 |
| 40 | Evaluating preparedness and resilience initiatives for distressed populations vulnerable to disasters in Rio de Janeiro, Brazil. , 2013, , . | | 4 |
| 41 | Surface Finish Assessment of Polishing Process of Tool Steels by Abrasion, Using Diamond and Alumina Particles. Advanced Materials Research, 2013, 716, 423-429. | 0.3 | 2 |
| 42 | Sustainable Layout Planning Requirements by Integration of Discrete Event Simulation Analysis (DES) with Life Cycle Assessment (LCA). IFIP Advances in Information and Communication Technology, 2013, , 232-239. | 0.5 | 2 |
| 43 | Analysis of high-speed milling dynamic stability through sound pressure, machining force and tool displacement measurements. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2012, 226, 1774-1783. | 1.5 | 9 |
| 44 | Simultaneous five-axis finishing milling of TiAl6V4 centrifugal compressor blades: a dynamic evaluation of lead and tilt angles variation. International Journal of Mechatronics and Manufacturing Systems, 2011, 4, 322. | 0.1 | 0 |
| 45 | Decision support system interface design for radiological emergency response coordination in Brazil. , 2011, , . | | 4 |
| 46 | Influence of Worn Tool on Polishability and Wear Resistance of VP20ISO Mold Steel. Advanced Materials Research, 2011, 223, 449-455. | 0.3 | 0 |
| 47 | Evaluation of 5-axis HSC dynamic behavior when milling TiAl6V4 blades. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2010, 32, 208-217. | 0.8 | 4 |
| 48 | Applying decision methods to select rapid prototyping technologies. Rapid Prototyping Journal, 2010, 16, 50-62. | 1.6 | 28 |
| 49 | Redesigning the user interface for an Intelligent Oilfield System. , 2009, , . | | 0 |
| 50 | A cooperative assessment of the response capability of emergency organizations. , 2008, , . | | 2 |
| 51 | The design of a management decision support tool for an ergonomics problem reporting system. , 2008, , . | | 0 |
| 52 | Supporting the System Requirements Elicitation through Collaborative Observations. Lecture Notes in Computer Science, 2008, , 364-379. | 1.0 | 6 |
| 53 | Human factors analysis and interface design for a truck dispatching system. , 2008, , . | | 0 |
| 54 | ANALYSIS OF DRILLING PARAMETERS IN AIRCRAFT STRUCTURES. , 2008, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | An Observation Model for the Collaborative Analysis of Real Workplaces. , 2007, , . | | 5 |
| 56 | Design of a Nuclear Power Plant Supervisory Control System. , 2006, , . | | 4 |
| 57 | Application of Resilience Engineering on Safety in Offshore Helicopter Transportation. , 2006, , . | | 6 |
| 58 | Critical Review and Redesign of a Petroleum Industry Accident/Incident Reporting System. , 2006, , . | | 2 |
| 59 | Evaluation of high-speed end-milling dynamic stability through audio signal measurements. Journal of Materials Processing Technology, 2006, 179, 133-138. | 3.1 | 34 |
| 60 | High-speed finishing milling of industrial graphite electrodes. Journal of Materials Processing Technology, 2006, 179, 128-132. | 3.1 | 31 |
| 61 | Helicopter offshore safety in the Brazilian oil and gas industry. , 2005, , . | | 1 |
| 62 | Knowledge management support for collaborative emergency response. , 2005, , . | | 23 |
| 63 | Out of well control. , 2005, , . | | 1 |
| 64 | Designing a ballast control system operator interface. , 2005, , . | | 2 |
| 65 | Applying a Benchmarking Methodology to Empower a Virtual Organisation. , 2004, , 279-286. | | 0 |
| 66 | MEDIA CLASSES SELECTION FOR HYBRID PEENING. , 0, , . | | 0 |
| 67 | Influence of Hard and Soft Inclusions on the Machinability and Polishability of VP100 Mold Steel. Advanced Materials Research, 0, 223, 464-472. | 0.3 | 4 |