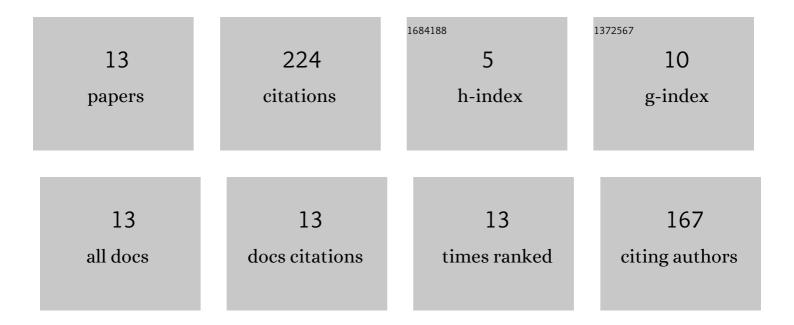
Samy E Oraby

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4158084/publications.pdf Version: 2024-02-01



SAMY F ODARY

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Tool life determination based on the measurement of wear and tool force ratio variation. International Journal of Machine Tools and Manufacture, 2004, 44, 1261-1269. | 13.4 | 83 |
| 2 | Development of models for tool wear force relationships in metal cutting. International Journal of Mechanical Sciences, 1991, 33, 125-138. | 6.7 | 62 |
| 3 | High-capacity compact three-component cutting force dynamometer. International Journal of Machine Tools and Manufacture, 1990, 30, 549-559. | 13.4 | 30 |
| 4 | Monitoring of turning operation via force signals Part 1: Recognition of different tool failure forms by spectral analysis. Wear, 1995, 184, 133-143. | 3.1 | 15 |
| 5 | A Diagnostic Approach for Turning Tool Based on the Dynamic Force Signals. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2005, 127, 463-475. | 2.2 | 15 |
| 6 | Surface topography assessment techniques based on an in-process monitoring approach of tool wear and cutting force signature. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2008, 30, . | 1.6 | 6 |
| 7 | Influence of regular and random cutting tool deformation on the cutting force of three-dimensional turning operation. International Journal of Machining and Machinability of Materials, 2013, 14, 311. | 0.1 | 4 |
| 8 | Prior Surface Integrity Assessment of Coated and Uncoated Carbide Inserts Using Atomic Force Microscopy. Materials, 2011, 4, 633-650. | 2.9 | 3 |
| 9 | Statistical and Graphical Assessment of Circumferential and Radial Hardness Variation of AISI 4140, AISI 1020 and AA 6082 Aluminum Alloy. Materials, 2012, 5, 12-26. | 2.9 | 3 |
| 10 | Determination of the Real Cutting Edge Wear Contact Area on the Tool-Workpiece Interface in the Light of Cutting Forces Variations. Applied Mechanics and Materials, 0, 325-326, 1406-1411. | 0.2 | 1 |
| 11 | On the Influence of the Speed-Feed Interaction on the Wear Rate and Life of Multiple Coated Carbide Inserts Considering Rough Turning Process. Applied Mechanics and Materials, 0, 575, 431-436. | 0.2 | 1 |
| 12 | Mathematical Modelling of the Interfacial Adhesion of Date Palm/Epoxy. Journal of Materials Science Research, 2016, 5, 29. | 0.1 | 1 |
| 13 | Tool Wear Prediction Approach for Turning Operations Based on General Regression Neural Network (GRNN) Technique. , 2004, , 161-172. | | Ο |