

Yongho Jeon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2482745/publications.pdf>

Version: 2024-02-01

33
papers

590
citations

759233

12
h-index

610901

24
g-index

34
all docs

34
docs citations

34
times ranked

714
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable Biomechanical Energy Harvesting Technologies. <i>Energies</i> , 2017, 10, 1483.	3.1	144
2	Current research trend on laser assisted machining. <i>International Journal of Precision Engineering and Manufacturing</i> , 2012, 13, 311-317.	2.2	73
3	Comparison of Micro-Pin-Fin and Microchannel Heat Sinks Considering Thermal-Hydraulic Performance and Manufacturability. <i>IEEE Transactions on Components and Packaging Technologies</i> , 2010, 33, 148-160.	1.3	72
4	A metric for defining the energy efficiency of thermally assisted machining. <i>International Journal of Machine Tools and Manufacture</i> , 2009, 49, 357-365.	13.4	53
5	Effect of Laser Preheating the Workpiece on Micro end Milling of Metals. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2008, 130, .	2.2	38
6	Current research trends in external energy assisted machining. <i>International Journal of Precision Engineering and Manufacturing</i> , 2013, 14, 337-342.	2.2	36
7	Characterization of Exposures to Airborne Nanoscale Particles During Friction Stir Welding of Aluminum. <i>Annals of Occupational Hygiene</i> , 2010, 54, 486-503.	1.9	27
8	Mechanical effects of surgical variations in the femoral neck system on Pauwels type III femoral neck fracture. <i>Bone and Joint Research</i> , 2022, 11, 102-111.	3.6	19
9	Failure Diagnosis System for a Ball-Screw by Using Vibration Signals. <i>Shock and Vibration</i> , 2015, 2015, 1-9.	0.6	18
10	Mechanical effect of different implant caput-collum-diaphyseal angles on the fracture surface after fixation of an unstable intertrochanteric fracture: A finite element analysis. <i>Asian Journal of Surgery</i> , 2019, 42, 947-956.	0.4	16
11	Effect of the Ultrasonic Nanocrystalline Surface Modification (UNSM) on Bulk and 3D-Printed AISI H13 Tool Steels. <i>Metals</i> , 2017, 7, 510.	2.3	15
12	Friction and Wear Reduction of Eccentric Journal Bearing Made of Sn-Based Babbitt for Ore Cone Crusher. <i>Materials</i> , 2016, 9, 950.	2.9	13
13	Very High Cycle Fatigue of Butt-Welded High-Strength Steel Plate. <i>Metals</i> , 2017, 7, 103.	2.3	13
14	Template-Assisted Fabrication of Nanostructured Tin (\hat{i}^2 -Sn) Arrays for Bulk Microelectronic Packaging Devices. <i>Metals</i> , 2018, 8, 347.	2.3	9
15	Design of voice coil motor dynamic focusing unit for a laser scanner. <i>Review of Scientific Instruments</i> , 2014, 85, 045104.	1.3	7
16	Design and experiment of noncontact eddy current damping module in air bearingâ€“guided linear motion system. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401987142.	1.6	7
17	Effect of Laser Preheating the Workpiece on Micro-End Milling of Metals. , 2005, , 479.		4
18	Fatigue behaviour of Ti-6Al-4V alloy under combined low and high cycle and ultrasonic loading. <i>International Journal of Materials and Product Technology</i> , 2014, 48, 18.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Optimizing Roller Design to Improve Web Strain Uniformity in Roll-to-Roll Process. Applied Sciences (Switzerland), 2020, 10, 7564.	2.5	4
20	Uniform Pressing Mechanism in Large-Area Roll-to-Roll Nanoimprint Lithography Process. Applied Sciences (Switzerland), 2021, 11, 9571.	2.5	4
21	Development of Novel Platform to Predict the Mechanical Damage of a Miniature Mobile Haptic Actuator. Micromachines, 2017, 8, 156.	2.9	3
22	Design of High-Durability Superhydrophobic Microsurface Structures. International Journal of Precision Engineering and Manufacturing, 2022, 23, 929-942.	2.2	3
23	Tool wear effect on micro end milling of biocompatible metals. International Journal of Surface Science and Engineering, 2014, 8, 213.	0.4	2
24	2-Step Drop Impact Analysis of a Miniature Mobile Haptic Actuator Considering High Strain Rate and Damping Effects. Micromachines, 2019, 10, 272.	2.9	2
25	Metal 3D Printing Simulation through Thermal-structure Coupled Numerical Analysis. Journal of the Korean Society of Manufacturing Technology Engineers, 2021, 30, 389-395.	0.2	2
26	Design of rotatable direct energy deposition optical system. Journal of Mechanical Science and Technology, 2019, 33, 1833-1839.	1.5	1
27	A Study on Vibration Reduction Mechanism of Precision Stage for Laser Direct Imaging. Journal of the Korean Society for Precision Engineering, 2017, 34, 431-437.	0.2	1
28	Impact analysis on automatic focusing actuator for mobile electronic devices. International Journal of Materials and Product Technology, 2014, 48, 234.	0.2	0
29	Design and verification of a novel hollow vibrating module for laser machining. Review of Scientific Instruments, 2015, 86, 045104.	1.3	0
30	Design and optimisation of micro forging system to reduce parasitic motion. International Journal of Materials and Product Technology, 2017, 55, 392.	0.2	0
31	A novel intra-abdominal retraction device with an extra-abdominal magnetic manipulator for minimally invasive surgery. Journal of Mechanical Science and Technology, 2018, 32, 6029-6035.	1.5	0
32	Reaction Force Compensator for High-Speed Precision Stage of Laser Direct Imaging Process. Shock and Vibration, 2018, 2018, 1-9.	0.6	0
33	Numerical Analysis of Laser Pattern Effects to Residual Stress on Metal 3D Printing. Applied Sciences (Switzerland), 2022, 12, 4611.	2.5	0