

Mariusz Deja

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

284
citations

1039406

9
h-index

940134

16
g-index

40
all docs

40
docs citations

40
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Technical Creativity Featuring Modified TRIZ-AM Inventive Principle to Support Additive Manufacturing. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2022, 144, .	1.7	2
2	A Strategy for Managing the Operation of Technical Infrastructure Based on the Analysis of "Bad Actors" A Case Study of LOTOS Group S.A.. <i>Sustainability</i> , 2022, 14, 4477.	1.6	0
3	A pilot study to assess manufacturing processes using selected point measures of vibroacoustic signals generated on a multitasking machine. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 115, 807-822.	1.5	3
4	Advances and Trends in Non-Conventional, Abrasive and Precision Machining. <i>Machines</i> , 2021, 9, 37.	1.2	2
5	Applications of Additively Manufactured Tools in Abrasive Machining – A Literature Review. <i>Materials</i> , 2021, 14, 1318.	1.3	16
6	Thermal and technological aspects of double face grinding of C45 carbon steel. <i>Journal of Manufacturing Processes</i> , 2021, 64, 1036-1046.	2.8	10
7	Automation of the Road Gate Operations Process at the Container Terminal – A Case Study of DCT Gdańsk SA. <i>Sustainability</i> , 2021, 13, 6291.	1.6	1
8	A Pilot Study on Machining Difficult-to-Cut Materials with the Use of Tools Fabricated by SLS Technology. <i>Materials</i> , 2021, 14, 5306.	1.3	1
9	Planning optimised multi-tasking operations under the capability for parallel machining. <i>Journal of Manufacturing Systems</i> , 2021, 61, 632-645.	7.6	3
10	Effect of pine impregnation and feed speed on sound level and cutting power in wood sawing. <i>Journal of Cleaner Production</i> , 2020, 272, 122833.	4.6	20
11	Wear of electroplated diamond tools in lap-grinding of Al ₂ O ₃ ceramic materials. <i>Wear</i> , 2020, 460-461, 203461.	1.5	12
12	Opportunities and challenges for exploiting drones in agile manufacturing systems. <i>Procedia Manufacturing</i> , 2020, 51, 527-534.	1.9	22
13	The Influence of the Depth of Cut in Single-Pass Grinding on the Microstructure and Properties of the C45 Steel Surface Layer. <i>Materials</i> , 2020, 13, 1040.	1.3	7
14	Multi-Criteria Comparative Analysis of the Use of Subtractive and Additive Technologies in the Manufacturing of Offshore Machinery Components. <i>Polish Maritime Research</i> , 2020, 27, 71-81.	0.6	5
15	Innovative rehabilitation lifts " mechanics in medical devices. , 2020, , 36-39.	0.2	0
16	Application of 3D printing metal powder technology in the manufacture of components with complex geometries. , 2020, , 22-25.	0.2	0
17	Thermal and technological aspects of double face grinding of Al ₂ O ₃ ceramic materials. <i>Ceramics International</i> , 2019, 45, 19489-19495.	2.3	16
18	A pilot study to assess an in-process inspection method for small diameter holes produced by direct metal laser sintering. <i>Rapid Prototyping Journal</i> , 2019, 26, 418-436.	1.6	4

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19	Forming the surface layer properties during grinding. , 2019, , 661-663.	0.2	1
20	Application of Reverse Engineering Technology in Part Design for Shipbuilding Industry. Polish Maritime Research, 2019, 26, 126-133.	0.6	14
21	Machining process sequencing and machine assignment in generative feature-based CAPP for mill-turn parts. Journal of Manufacturing Systems, 2018, 48, 49-62.	7.6	34
22	Influence of parameters of deep grinding on nanohardness and surface roughness of C45 steel. , 2018, , 1026-1028.	0.2	1
23	Application of Rapid Prototyping Technology in the Manufacturing of Turbine Blade With Small Diameter Holes. Polish Maritime Research, 2018, 25, 119-123.	0.6	9
24	Simulation Studies Into Quayside Transport and Storage Yard Operations in Container Terminals. Polish Maritime Research, 2017, 24, 46-52.	0.6	4
25	Comparative Study of Machining Technology Selection to Manufacture Large-Size Components of Offshore Constructions. Polish Maritime Research, 2017, 24, 38-45.	0.6	8
26	Performance analysis of programmable machining strategies in milling operations of complex-shape pockets. , 2017, , 846-848.	0.2	0
27	Influence of grinding parameters on the surface roughness of steel 1.0562 in the softened state. , 2017, , 1006-1008.	0.2	0
28	Planning strategies for complex shape pocket milling in mechanical parts. , 2016, , 1496-1497.	0.2	2
29	Application of parametric programming to planning machining operations for parts of replicate geometry. , 2016, , 1510-1511.	0.2	0
30	Single-side grinding with the use of electroplated tools. , 2015, , 710/84-710/89.	0.2	2
31	Feature-based generation of machining process plans for optimised parts manufacture. Journal of Intelligent Manufacturing, 2013, 24, 831-846.	4.4	62
32	Wear of a Tool in Double-Disk Lapping of Silicon Wafers. , 2010, , .		4
33	Simulation Model for the Shape Error Estimation During Machining With Flat Lapping Kinematics. , 2010, , .		1
34	Finishing of Ceramics in a Single-Disk Lapping Machine Configuration. Solid State Phenomena, 2010, 165, 237-243.	0.3	6
35	Microgrinding of flat surfaces on single-disc lapping machine. International Journal of Machining and Machinability of Materials, 2009, 5, 245.	0.1	7
36	Generation of Optimal Process Plan Alternatives for Manufacturing Mechanical Components. Solid State Phenomena, 0, 165, 250-255.	0.3	2

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37	Influence of Flat Lapping Kinematics on Machinability of Ceramics. Solid State Phenomena, 0, 199, 615-620.	0.3	2
38	Wear of Electroplated Tools Used for Flat Grinding of Ceramics. Solid State Phenomena, 0, 199, 633-638.	0.3	1
39	Generative Process Planning with Reasoning Based on Geometrical Product Specification. Key Engineering Materials, 0, 597, 159-164.	0.4	0
40	Microgrinding with Diamond Electroplated Tools and with Single-Disk Lapping Kinematics. Applied Mechanics and Materials, 0, 831, 25-32.	0.2	0