Peter Å ugÃ¡r

List of Publications by Year
in descending order

22 papers	92 citations	1684188 5 h-index	1588992 8 g-index
22 all docs	22 docs citations	22 times ranked	92 citing authors

#	Article	IF	Citations
1	A Study of Laser Micromachining of PM Processed Ti Compact for Dental Implants Applications. Materials, 2019, 12, 2246.	2.9	15
2	Laser surface texturing of tool steel: textured surfaces quality evaluation. Open Engineering, 2016, 6, .	1.6	14
3	Analysis of the Effect of Process Parameters on Part Wall Thickness Variation in Conventional Metal Spinning of Cr-Mn Austenitic Stainless Steels. Strojniski Vestnik/Journal of Mechanical Engineering, 2016, 62, 171-178.	1.1	13
4	Laser Surface Modification of Powder Metallurgy-Processed Ti-Graphite Composite Which Can Enhance Cellsâ€™ Osteo-Differentiation. Materials, 2021, 14, 6067.	2.9	8
5	Analysis of Dimensional Accuracy of Spun Parts by Taguchi Approach. Applied Mechanics and Materials, 2012, 217-219, 2423-2426.	0.2	5
6	Laser-Based Ablation of Titaniumâ€“Graphite Composite for Dental Application. Materials, 2020, 13, 2312.	2.9	5
7	Laser Beam Milling of Alumina Ceramics - The Impact on Material Removal Efficiency and Machined Surface Morphology. Solid State Phenomena, 0, 261, 143-150.	0.3	4
8	The effect of conventional metal spinning parameters on the spun-part wall thickness variation. IOP Conference Series: Materials Science and Engineering, 2018, 448, 012017.	0.6	4
9	Titanium solar metallurgy â€“ Earth and Space. MATEC Web of Conferences, 2019, 304, 07005.	0.2	4
10	Strain Analysis of Parts Produced by Multi-Pass Conventional Metal Spinning. Key Engineering Materials, 0, 622-623, 427-432.	0.4	3
11	Preliminary Study on the Application of Concentrated Solar Power in Metallurgy of Titanium. ChemEngineering, 2019, 3, 84.	2.4	3
12	Barkhausen Noise Emission in AISI 321 Austenitic Steel Originating from the Strain-Induced Martensite Transformation. Metals, 2021, 11, 429.	2.3	3
13	The Influence of the Tool Surface Texture on Friction and the Surface Layers Properties of Formed Component. Advances in Science and Technology Research Journal, 2018, 12, 181-193.	0.8	3
14	Technology-Based Sheet Metal Classification and Coding System. Journal for Technology of Plasticity, 2011, 36, 1-8.	0.2	2
15	Friction Evaluation of Laser Textured Tool Steel Surfaces. Acta Mechanica Et Automatica, 2017, 11, 129-134.	0.6	2
16	Surface Integrity of Metal Spun Parts. Key Engineering Materials, 0, 581, 391-396.	0.4	1
17	Surface Roughness Analysis of Metal Spun Parts. Advanced Materials Research, 0, 652-654, 2006-2009.	0.3	1
18	Micromachining of cold-worked tool steel by nanosecond laser. IOP Conference Series: Materials Science and Engineering, 2018, 448, 012019.	0.6	1

#	Article	IF	Citations
19	NANOSECOND YB FIBRE LASER MILLING OF ALLUMINIUM BRONZE: EFFECT OF PROCESS PARAMETERS ON THE SURFACE FINISH. Advances in Science and Technology Research Journal, 2018, 12, 10-15.	0.8	1
20	Analysis of Radial Strain Distribution in the Metal Spinning Process by Taguchi Approach. Advanced Materials Research, 0, 472-475, 719-722.	0.3	0
21	The Effect of Process Parameters on Surface Finish of Metal Spun Parts. Tehnicki Vjesnik, 2018, 25, .	0.2	0
22	Study on Wall Heights and Surface Roughness of Spun Cups Produced of Metal Blanks by Multipass CNC Spinning Technology. Materials Science Forum, 0, 952, 55-65.	0.3	0