Jiri Klich

List of Publications by Year
in descending order

28	344	840776 11	794594 19
papers	citations	h-index	g-index

30	30	30	193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Drilling Difficult-to-Machine Al2O3 Ceramics Using an Injection Abrasive Water Jet. Lecture Notes in Mechanical Engineering, 2021, , 41-49.	0.4	0
2	Preliminary Testing of Production Thin-Walled Ribs into Aluminum Alloy AW6060 Using the Abrasive Water Jet. Lecture Notes in Mechanical Engineering, 2021, , 75-86.	0.4	0
3	Evaluation of Surface Topography Created by Abrasive Suspension Jet Under Submerged Condition. Lecture Notes in Mechanical Engineering, 2021, , 99-104.	0.4	0
4	Creating a Database for Turned Surfaces. Lecture Notes in Mechanical Engineering, 2021, , 105-114.	0.4	0
5	Effect of the Ultrasonically Enhanced Water Jet on Copper Surface Topography at a Low Traverse Speed. Lecture Notes in Mechanical Engineering, 2021, , 126-134.	0.4	0
6	Effect of Ventilation to Abrasive Suspension Jet Under Submerged Condition. Lecture Notes in Mechanical Engineering, 2021, , 28-35.	0.4	1
7	Influence of frequency change during sandstone erosion by pulsed waterjet. Materials and Manufacturing Processes, 2020, 35, 187-194.	4.7	11
8	Effect of pulsating water jet disintegration on hardness and elasticity modulus of austenitic stainless steel AISI 304L. International Journal of Advanced Manufacturing Technology, 2020, 107, 2719-2730.	3.0	6
9	Investigation of sandstone erosion by continuous and pulsed water jets. Journal of Manufacturing Processes, 2019, 42, 121-130.	5.9	34
10	Surface integrity and residual stress analysis of pulsed water jet peened stainless steel surfaces. Measurement: Journal of the International Measurement Confederation, 2019, 143, 81-92.	5.0	50
11	Analysis of the Pulsating Water Jet Maximum Erosive Effect on Stainless Steel. Lecture Notes in Mechanical Engineering, 2019, , 233-241.	0.4	6
12	Hydrodynamic ductile erosion of aluminium by a pulsed water jet moving in an inclined trajectory. Wear, 2019, 428-429, 178-192.	3.1	36
13	Comparison of ultrasonically enhanced pulsating water jet erosion efficiency on mechanical surface treatment on the surface of aluminum alloy and stainless steel. International Journal of Advanced Manufacturing Technology, 2019, 103, 1647-1656.	3.0	19
14	Comparison of Non-destructive Sensing Methods on Surface Created by Waterjet Technology. Lecture Notes in Mechanical Engineering, 2019, , 114-123.	0.4	0
15	Evaluation of Possibility of AISI 304 Stainless Steel Mechanical Surface Treatment with Ultrasonically Enhanced Pulsating Water Jet. Lecture Notes in Mechanical Engineering, 2019, , 163-172.	0.4	2
16	Effect of Frequency Change During Pulsed Waterjet Interaction with Stainless Steel. Lecture Notes in Mechanical Engineering, 2019, , 85-96.	0.4	4
17	The Use of Areal Parameters for the Analysis of the Surface Machined Using the Abrasive Waterjet Technology. Lecture Notes in Mechanical Engineering, 2019, , 36-44.	0.4	3
18	Pulsating water jet erosion effect on a brass flat solid surface. International Journal of Advanced Manufacturing Technology, 2018, 97, 1099-1112.	3.0	22

#	Article	IF	Citations
19	Surface Treatment of AISI 304 Using Pulsating Water Jet Peening. Lecture Notes in Mechanical Engineering, 2018, , 535-548.	0.4	8
20	Surface integrity analysis of abrasive water jet-cut surfaces of friction stir welded joints. International Journal of Advanced Manufacturing Technology, 2017, 88, 1687-1701.	3.0	33
21	Influence of Variously Modified Surface of Aluminium Alloy on the Effect of Pulsating Water Jet. Strojniski Vestnik/Journal of Mechanical Engineering, 2017, 63, 577-582.	1.1	16
22	Effects of Continuous and Pulsating Water Jet on CNT/Concrete Composite. Strojniski Vestnik/Journal of Mechanical Engineering, 2017, 63, 583-589.	1.1	11
23	Study of the Effect of Material Machinability on Quality of Surface Created by Abrasive Water Jet. Procedia Engineering, 2016, 149, 177-182.	1.2	10
24	Surface Integrity Evaluation of Brass CW614N after Impact of Acoustically Excited Pulsating Water Jet. Procedia Engineering, 2016, 149, 236-244.	1.2	13
25	Sandstone Turning by Abrasive Waterjet. Rock Mechanics and Rock Engineering, 2015, 48, 2489-2493.	5.4	32
26	Effects of Water Jet on Heat-Affected Concretes. Procedia Engineering, 2013, 57, 1036-1044.	1.2	20
27	Laboratory Experiments on Effects of Water Jet on Heat-Affected Concretes. Applied Mechanics and Materials, 2013, 459, 650-657.	0.2	2
28	COMPARISON OF THE ACTUAL COSTS DURING REMOVAL OF CONCRETE LAYER BY HIGH-SPEED WATER JETS. Journal of Business Economics and Management, 2012, 13, 763-775.	2.4	4