

# KornÃ©l MÃ¡jlinger

## List of Publications by Year in descending order

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32  
papers

628  
citations

759233

12  
h-index

610901

24  
g-index

33  
all docs

33  
docs citations

33  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary study to investigate the distribution and effects of certain metals after inhalation of welding fumes in mice. <i>Environmental Science and Pollution Research</i> , 2022, 29, 49147-49160.	5.3	5
2	Prediction of the Shear Tension Strength of Resistance Spot Welded Thin Steel Sheets from High- to Ultrahigh Strength Range. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2021, 66, 67-82.	1.4	7
3	Effect of heat input and role of nitrogen on the phase evolution of 2205 duplex stainless steel weldment. <i>International Journal of Pressure Vessels and Piping</i> , 2019, 176, 103952.	2.6	47
4	Optimal etching sequence for austenite to ferrite ratio evaluation of two lean duplex stainless steel weldments. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 147, 106832.	5.0	13
5	Physical and Theoretical Modeling of the Nitrogen Content of Duplex Stainless Steel Weld Metal: Shielding Gas Composition and Heat Input Effects. <i>Metals</i> , 2019, 9, 762.	2.3	15
6	Shear tension strength of resistant spot welded ultra high strength steels. <i>Thin-Walled Structures</i> , 2019, 142, 64-73.	5.3	15
7	Local formability and strength of TWIP-TRIP weldments for stamping tailor welded blanks (TWBs). <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 101, 757-771.	3.0	6
8	Effects of TIG Reheating on Duplex Stainless Steel Weld Microstructure. <i>International Journal of Engineering and Management Sciences</i> , 2019, 4, 295-302.	0.1	1
9	Development and Comparison of Quantitative Phase Analysis for Duplex Stainless Steel Weld. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2018, 62, 247-253.	1.4	23
10	Global Approach of Tribomechanical Development of Hybrid Aluminium Matrix Syntactic Foams. <i>Tribology Letters</i> , 2017, 65, 1.	2.6	8
11	Tribological properties of hybrid aluminum matrix syntactic foams. <i>Tribology International</i> , 2016, 99, 211-223.	5.9	35
12	Gas metal arc welding of dissimilar AHSS sheets. <i>Materials and Design</i> , 2016, 109, 615-621.	7.0	43
13	Wear properties of hybrid AlSi12 matrix syntactic foams. <i>International Journal of Materials Research</i> , 2015, 106, 1165-1173.	0.3	17
14	Compressive Behavior and Microstructural Characteristics of Iron Hollow Sphere Filled Aluminum Matrix Syntactic Foams. <i>Materials</i> , 2015, 8, 7926-7937.	2.9	44
15	Compressive behaviour of aluminium matrix syntactic foams reinforced by iron hollow spheres. <i>Materials and Design</i> , 2015, 83, 230-237.	7.0	127
16	Compressive Properties of Metal Matrix Syntactic Foams in Free and Constrained Compression. <i>Jom</i> , 2014, 66, 882-891.	1.9	19
17	Characteristic compressive properties of hybrid metal matrix syntactic foams. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 606, 248-256.	5.6	69
18	Microstructural aspects of ceramic hollow microspheres reinforced metal matrix composites. <i>International Journal of Materials Research</i> , 2013, 104, 903-911.	0.3	12

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19	Description of the compressive response of metal matrix syntactic foams. <i>Materials &amp; Design</i> , 2013, 49, 1-9.	5.1	65
20	Formation of an ultrafine grained layer due to high temperature treatment of the surface of a cast iron cylinder bore. <i>Materials at High Temperatures</i> , 2013, 30, 161-166.	1.0	0
21	Formation of an ultrafine grained layer due to high temperature treatment of the surface of a cast iron cylinder bore. <i>Materials at High Temperatures</i> , 2013, 30, 161-166.	1.0	0
22	Investigation of the surface of a laser-treated cast iron cylinder bore. <i>International Journal of Materials Research</i> , 2012, 103, 1223-1227.	0.3	2
23	Effect of grain boundary structure on the intercrystalline damaging of austenitic steel during brazing. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2011, 55, 105.	1.4	1
24	The effects of some laser parameters on the surface and near surface region of laser treated cast iron cylinder bore. <i>Journal of Physics: Conference Series</i> , 2010, 240, 012169.	0.4	3
25	On the microstructure of ceramic hollow microspheres. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2010, 54, 89.	1.4	13
26	Effect of leaser treatment on the surface of cast iron cylinder bores. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2010, 54, 83.	1.4	1
27	Formation of surface layer on cast iron cylinder bore due to nanosecond laser impulses. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2009, 53, 75.	1.4	0
28	Measuring the effects of some laser parameters on the surface and near surface region of laser treated cast iron cylinder bore. <i>Periodica Polytechnica, Mechanical Engineering</i> , 2008, 52, 71.	1.4	3
29	Laser Treatment of Cast Iron Engine Cylinder Bore with Nanosecond Laser Pulses. <i>Materials Science Forum</i> , 0, 659, 319-324.	0.3	5
30	Intercrystalline Cracking of Austenitic Steel during Brazing. <i>Materials Science Forum</i> , 0, 729, 442-447.	0.3	1
31	Characterisation of Hybrid Metal Matrix Syntactic Foams. <i>Materials Science Forum</i> , 0, 812, 219-225.	0.3	9
32	MIG-Welding of Dissimilar Advanced High Strength Steel Sheets. <i>Materials Science Forum</i> , 0, 885, 80-85.	0.3	19