

Emin Salur

List of Publications by Year in descending order

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24
papers

791
citations

623734

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677142

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24
all docs

24
docs citations

24
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Indirect Tool Condition Monitoring Systems and Decision-Making Methods in Turning: Critical Analysis and Trends. <i>Sensors</i> , 2021, 21, 108.	3.8	148
2	Experimental study and analysis of machinability characteristics of metal matrix composites during drilling. <i>Composites Part B: Engineering</i> , 2019, 166, 401-413.	12.0	107
3	Effect of ball milling time on the structural characteristics and mechanical properties of nano-sized Y2O3 particle reinforced aluminum matrix composites produced by powder metallurgy route. <i>Advanced Powder Technology</i> , 2021, 32, 3826-3844.	4.1	59
4	The Effects of MQL and Dry Environments on Tool Wear, Cutting Temperature, and Power Consumption during End Milling of AISI 1040 Steel. <i>Metals</i> , 2021, 11, 1674.	2.3	58
5	A state-of-the-art review on sensors and signal processing systems in mechanical machining processes. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 116, 2711-2735.	3.0	56
6	Improving mechanical properties of nano-sized TiC particle reinforced AA7075 Al alloy composites produced by ball milling and hot pressing. <i>Materials Today Communications</i> , 2021, 27, 102202.	1.9	45
7	The effects of harsh aging environments on the properties of neat and MWCNT reinforced epoxy resins. <i>Construction and Building Materials</i> , 2021, 272, 121929.	7.2	40
8	Investigation of the Effects of Cooling and Lubricating Strategies on Tribological Characteristics in Machining of Hybrid Composites. <i>Lubricants</i> , 2022, 10, 63.	2.9	35
9	Understandings the tribological mechanism of Inconel 718 alloy machined under different cooling/lubrication conditions. <i>Tribology International</i> , 2022, 174, 107677.	5.9	33
10	Estimation, optimization and analysis based investigation of the energy consumption in machinability of ceramic-based metal matrix composite materials. <i>Journal of Materials Research and Technology</i> , 2022, 17, 2987-2998.	5.8	31
11	Dispersion mechanism-induced variations in microstructural and mechanical behavior of CNT-reinforced aluminum nanocomposites. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, 1.	3.8	25
12	Mechanical properties and microstructure of composites produced by recycling metal chips. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2018, 25, 1070-1079.	4.9	24
13	Microstructure, mechanical properties, and corrosion resistance of an explosively welded Mg-Al composite. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 1086-1095.	11.9	23
14	The mechanical properties of composite materials recycled from waste metallic chips under different pressures. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 5259-5266.	3.5	18
15	Low-Velocity Impact Behavior of Porous Metal Matrix Composites Produced by Recycling of Bronze and Iron Chips. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019, 43, 53-60.	1.3	14
16	Optimization Study on Surface Roughness and Tribological Behavior of Recycled Cast Iron Reinforced Bronze MMCs Produced by Hot Pressing. <i>Materials</i> , 2021, 14, 3364.	2.9	13
17	Ultrahigh hardness in Y2O3 dispersed ferrous multicomponent nanocomposites. <i>Materials Today Communications</i> , 2021, 28, 102637.	1.9	12
18	Kompozit Malzemelerin Tornalanmasında Esnasında Oluşan Kesme Kuvvetlerinin Optimizasyonu. <i>Academic Platform Journal of Engineering and Science</i> , 0, , 423-431.	0.6	12

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19	Towards Analysis and Optimization for Contact Zone Temperature Changes and Specific Wear Rate of Metal Matrix Composite Materials Produced from Recycled Waste. <i>Materials</i> , 2021, 14, 5145.	2.9	11
20	The Effect of Ultrasonic Cleaning Upon Mechanical Properties of Metal Matrix Composites. <i>Transactions of the Indian Institute of Metals</i> , 2021, 74, 107-118.	1.5	10
21	Performance evaluation of AlTiN coated carbide tools during machining of ceramic reinforced Cu-based hybrid composites under cryogenic, pure-minimum quantity lubrication and dry regimes. <i>Journal of Composite Materials</i> , 2022, 56, 3401-3421.	2.4	9
22	Synergistic effect of ball milling time and nano-sized Y2O3 addition on hardening of Cu-based nanocomposites. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, 1.	3.8	5
23	Vibration Behavior of Composite Materials Produced by Waste Metal Recycling. <i>International Journal of Computational and Experimental Science and Engineering</i> , 2019, 5, 139-141.	10.0	3
24	Microstructural and Mechanical Properties of AA7075 Al Alloys Produced via Mechanical Alloying Process. <i>European Journal of Science and Technology</i> , 0, , .	0.5	0