

Fatih Yildiz

List of Publications by Year in descending order

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14
papers

212
citations

1163117

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docs citations

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times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	The wear performance of carbide tools coated with TiAlSiN, AlCrN and TiAlN ceramic films in intelligent machining process. <i>Ceramics International</i> , 2019, 45, 3839-3848.	4.8	48
2	Wear performance of different nitride-based coatings on plasma nitrided AISI M2 tool steel in dry and lubricated conditions. <i>Wear</i> , 2017, 384-385, 159-168.	3.1	39
3	The effects of build orientation and hatch spacing on mechanical properties of medical Ti6Al4V alloy manufactured by selective laser melting. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 802, 140649.	5.6	22
4	Tribocorrosion behavior of plasma nitrided Hardox steels in NaCl solution. <i>Tribology International</i> , 2018, 120, 434-445.	5.9	21
5	Characterization of the Structural and Tribological Properties of Medical Ti6Al4V Alloy Produced in Different Production Parameters Using Selective Laser Melting. <i>3D Printing and Additive Manufacturing</i> , 2019, 6, 253-261.	2.9	20
6	Microstructure and wear characterization of Al ₂ O ₃ reinforced silver coated copper matrix composites by electroless plating and hot pressing methods. <i>Materials Today Communications</i> , 2021, 27, 102205.	1.9	18
7	The Effect of Selective Laser Melting Process on the Microstructure, Density, and Electrical Conductivity of Silver-Coated Copper Cores. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 5216-5226.	2.5	12
8	Investigation of the Structural and Tribological Properties of 316L Stainless Steel Manufactured Using Variable Production Parameters by Selective Laser Melting. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 3688-3703.	2.5	11
9	Tribological and thermal properties of plasma nitrided Ti45Nb alloy. <i>Surfaces and Interfaces</i> , 2021, 22, 100893.	3.0	10
10	Experimental and Numerical Investigation of Mechanical Properties of Different Lattice Structures Manufactured from Medical Titanium Alloy by Using Laser Beam-Powder Bed Fusion. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 5466-5476.	2.5	6
11	Improvement of structural/tribological properties and milling performances of tungsten carbide cutting tools by bilayer TiAlN/TiSiN and monolayer AlCrSiN ceramic films. <i>Ceramics International</i> , 2022, 48, 26342-26350.	4.8	4
12	Additive Manufacturing of Non-ferrous Metals. <i>Springer Tracts in Additive Manufacturing</i> , 2022, , 91-120.	0.8	1
13	Wear behavior of Ni-B coated-hard anodized Al7Si alloy and machining performance with ZrN ceramic film coated carbide tool. <i>Surfaces and Interfaces</i> , 2020, 21, 100768.	3.0	0
14	Wear and Thermal Behavior of TiAlN Thin Films onto Ti6Al4V Alloy Manufactured by Selective Laser Melting Method. <i>3D Printing and Additive Manufacturing</i> , 0, , .	2.9	0