

# Yusuf Usta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8331490/publications.pdf>

Version: 2024-02-01

10  
papers

177  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser cutting of steel sheets: Influence of workpiece thickness and beam waist position on kerf size and stria formation. Journal of Materials Processing Technology, 2006, 172, 22-29.	6.3	58
2	Performance and surface alloying characteristics of Cu-Cr and Cu-Mo powder metal tool electrodes in electrical discharge machining. Machining Science and Technology, 2016, 20, 523-546.	2.5	27
3	Experimental and numerical investigations for mechanical and microstructural characterization of micro-manufactured AZ91D magnesium alloy disks for biomedical applications. Materials and Design, 2016, 93, 397-408.	7.0	25
4	Micro-manufacturing of micro-scale porous surface structures for enhanced heat transfer applications: an experimental process optimization study. Journal of Micromechanics and Microengineering, 2009, 19, 045011.	2.6	24
5	Pullout performance comparison of novel expandable pedicle screw with expandable poly-ether-ether-ketone shells and cement-augmented pedicle screws. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 169-175.	1.8	15
6	Investigation of toggling effect on pullout performance of pedicle screws. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2018, 232, 395-402.	1.8	11
7	Reproducibility of Replicated Trabecular Bone Structures from Ti6Al4V Extralow Interstitials Powder by Selective Laser Melting. Arabian Journal for Science and Engineering, 2021, 46, 2527-2541.	3.0	7
8	Investigations on thermo-mechanical fabrication of micro-scale porous surface features. Journal of Power Sources, 2008, 179, 592-602.	7.8	6
9	Experimental Investigations on Development of Rapid Die Wear Tests for Stamping of Advanced High Strength Steels. , 2007, , 873.		2
10	Experimental and Numerical Investigation on Bending Behavior of Ti-6Al-4V Parts Produced by Additive Metal Laser Sintering. Journal of Materials Engineering and Performance, 2022, 31, 286-296.	2.5	2