Zhengyang Xu

List of Publications by Year
in descending order

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9	218	1307594 7	1474206 9
papers	citations	h-index	g-index

9	9	9	116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical Machining of High-temperature Titanium Alloy Ti60. Procedia CIRP, 2016, 42, 125-130.	1.9	63
2	Anodic characteristics and electrochemical machining of two typical Î³-TiAl alloys and its quantitative dissolution model in NaNO3 solution. Electrochimica Acta, 2020, 331, 135429.	5.2	37
3	Experimental Investigation on Electrochemical Machining of Î³-TiAl Intermetallic. Procedia CIRP, 2015, 35, 20-24.	1.9	29
4	Study on flow field of electrochemical machining for large size blade. International Journal of Mechanical Sciences, 2021, 190, 106018.	6.7	26
5	Electrochemical machining of burn-resistant Ti40 alloy. Chinese Journal of Aeronautics, 2015, 28, 1263-1272.	5.3	24
6	Comparison of the Electrochemical Dissolution Behavior of Extruded and Casted Ti-48Al-2Cr-2Nb Alloys in NaNO₃ Solution. Journal of the Electrochemical Society, 2019, 166, E347-E357.	2.9	15
7	Surface morphology and electrochemical behaviour of Ti-48Al-2Cr-2Nb alloy in low-concentration salt solution. Science China Technological Sciences, 2021, 64, 283-296.	4.0	12
8	Study on surface roughness of large size TiAl intermetallic blade in electrochemical machining. Journal of Manufacturing Processes, 2022, 76, 1-10.	5.9	7
9	Obtaining High Surface Quality in Electrochemical Machining of TC17 Titanium Alloy and Inconel 718 with High Current Densities in NaNO₃ Solution. Journal of the Electrochemical Society, 2021, 168, 073502.	2.9	5