Jan Suchý

List of Publications by Year in descending order

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		1684188	1872680	
9	50	5	6	
papers	citations	h-index	g-index	
9	9	9	71	
all docs	docs citations	times ranked	citing authors	

#	Article	lF	Citations
1	Biodegradable WE43 Magnesium Alloy Produced by Selective Laser Melting: Mechanical Properties, Corrosion Behavior, and In-Vitro Cytotoxicity. Metals, 2022, 12, 469.	2.3	7
2	Corrosion behaviour of WE43 magnesium alloy printed using selective laser melting in simulation body fluid solution. Journal of Manufacturing Processes, 2021, 69, 556-566.	5.9	16
3	Processing of AlSi9Cu3 alloy by selective laser melting. Powder Metallurgy, 2020, 63, 197-211.	1.7	2
4	Effect of Laser Parameters on Processing of Biodegradable Magnesium Alloy WE43 via Selective Laser Melting Method. Materials, 2020, 13, 2623.	2.9	13
5	Influence of Production Parameters on the Properties of 3D Printed Magnesium Alloy Mg-4Y-3RE-Zr (WE43). Manufacturing Technology, 2019, 19, 613-618.	1.4	6
6	structure and properties of additively manufactured WE43 magnesium alloy. , 2019, , .		0
7	Microstructure of the Mg-4Y-3RE-Zr (WE43) Magnesium Alloy Produced by 3D Printing. Manufacturing Technology, 2019, 19, 89-94.	1.4	6
8	Magnesium Alloy WE43 Produced by 3D Printing (SLM). Defect and Diffusion Forum, 0, 405, 345-350.	0.4	0
9	<i>In Vitro</i> Corrosion Study of Selected Laser Melted WE43 Magnesium Alloy in Hank Ìs Balanced Salt Solution. Key Engineering Materials, 0, 923, 113-118.	0.4	O