

Gerhard Leichtfried

List of Publications by Year in descending order

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9
papers

167
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural features and mechanical properties of a novel Ti- and Zr-modified Al-Mn alloy processed by laser powder bed fusion. <i>Journal of Alloys and Compounds</i> , 2022, 897, 163156.	5.5	16
2	Processability of high-strength aluminum 6182 series alloy via laser powder bed fusion (LPBF). <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 4963-4977.	3.0	13
3	Dependence of mechanical properties and microstructure on solidification onset temperature for Al ₂₀₂₄ -CaB ₆ alloys processed using laser powder bed fusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 833, 142552.	5.6	19
4	Unique microstructure evolution of a novel Ti-modified Al-Cu alloy processed using laser powder bed fusion. <i>Materials Today Communications</i> , 2022, 31, 103353.	1.9	10
5	Laser powder bed fusion of nano-CaB ₆ decorated 2024 aluminum alloy. <i>Journal of Alloys and Compounds</i> , 2021, 863, 158714.	5.5	59
6	Editorial: Special Issues on the 19th Plansee Seminar 2017. <i>International Journal of Refractory Metals and Hard Materials</i> , 2018, 76, 57.	3.8	0
7	Refractory Metals and Refractory Metal Alloys. <i>Springer Handbooks</i> , 2018, , 307-337.	0.6	8
8	Adherence Between Molybdenum Sealing Foil and Vitreous Silica. <i>Journal of the American Ceramic Society</i> , 2007, 90, 2563-2570.	3.8	2
9	Ductility and impact resistance of powder-metallurgical molybdenum-rhenium alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2006, 37, 2955-2961.	2.2	40