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List of Publications by Year in descending order

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17
papers

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1163117

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17
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17
docs citations

17
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282
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel composite filament usable in low-cost 3D printers for fabrication of complex ceramic shapes. Applied Materials Today, 2021, 22, 100949.	4.3	14
2	Monitoring of critical processing steps during the production of high dense 3D alumina parts using Fused Filament Fabrication technology. Additive Manufacturing, 2021, 48, 102395.	3.0	2
3	Surface characterisation and wettability of titanium diboride by aluminium at low temperature. Advances in Applied Ceramics, 2020, 119, 22-28.	1.1	6
4	The effect of YB4 addition in ZrB2-SiC composites on the mechanical properties and oxidation performance tested up to 2000°C. Journal of the European Ceramic Society, 2020, 40, 3829-3843.	5.7	10
5	Fracture and mechanical properties of lightweight alumina ceramics prepared by fused filament fabrication. Journal of the European Ceramic Society, 2020, 40, 4837-4843.	5.7	42
6	Mechanical testing of hydroxyapatite filaments for tissue scaffolds preparation by fused deposition of ceramics. Journal of the European Ceramic Society, 2020, 40, 4932-4938.	5.7	18
7	Synthesis and reaction sintering of YB4 ceramics. Ceramics International, 2019, 45, 18795-18802.	4.8	7
8	Upconversion luminescence and optical thermometry in Er3+/Yb3+ co-doped CeO2 for space application. Journal of Alloys and Compounds, 2019, 774, 418-424.	5.5	13
9	Low-temperature consolidation of high-strength TiB2 ceramic composites via grain-boundary engineering using Ni-W alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 738, 194-202.	5.6	3
10	Influence of sintering temperature, SiC particle size and Y2O3 addition on the densification, microstructure and oxidation resistance of ZrB2-SiC ceramics. Journal of the European Ceramic Society, 2016, 36, 3041-3049.	5.7	37
11	Effect of metallic dopants on the microstructure and mechanical properties of TiB2. Journal of the European Ceramic Society, 2015, 35, 2745-2754.	5.7	45
12	Polyvinylpyrrolidone thin film pyrolysis as accessed by the real-time optical transmission measurements. Journal of Thermal Analysis and Calorimetry, 2013, 114, 417-422.	3.6	2
13	INFLUENCE OF METALLIC DOPANTS ON FRACTURE BEHAVIOUR OF TiB2 BASED CERMETS. Acta Metallurgica Slovaca - Conference, 2013, 3, .	0.2	1
14	Microstructure evolution and tribological properties of TiB2/Ni-Ta cermets. Journal of the European Ceramic Society, 2012, 32, 1941-1948.	5.7	16
15	Phase, microstructure evolution and sintering of Sr-doped TiB2 precursors. Journal of the European Ceramic Society, 2011, 31, 1465-1471.	5.7	3
16	Adapting of sol-gel process for preparation of TiB2 powder from low-cost precursors. Journal of the European Ceramic Society, 2008, 28, 907-911.	5.7	64
17	Preparation of Titanium Metal Matrix Composites Using Additive Manufacturing. Key Engineering Materials, 0, 742, 129-136.	0.4	3