

Ä½uboÄ; BaÄa

List of Publications by Year in descending order

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17
papers

286
citations

1163117

8
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Adapting of sol-gel process for preparation of TiB ₂ powder from low-cost precursors. Journal of the European Ceramic Society, 2008, 28, 907-911.	5.7	64
2	Effect of metallic dopants on the microstructure and mechanical properties of TiB ₂ . Journal of the European Ceramic Society, 2015, 35, 2745-2754.	5.7	45
3	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
4	Influence of sintering temperature, SiC particle size and Y ₂ O ₃ addition on the densification, microstructure and oxidation resistance of ZrB ₂ -SiC ceramics. Journal of the European Ceramic Society, 2016, 36, 3041-3049.	5.7	37
5	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
6	Microstructure evolution and tribological properties of TiB ₂ /Ni-Ta cermets. Journal of the European Ceramic Society, 2012, 32, 1941-1948.	5.7	16
7	Novel composite filament usable in low-cost 3D printers for fabrication of complex ceramic shapes. Applied Materials Today, 2021, 22, 100949.	4.3	14
8	Upconversion luminescence and optical thermometry in Er ³⁺ /Yb ³⁺ co-doped CeO ₂ for space application. Journal of Alloys and Compounds, 2019, 774, 418-424.	5.5	13
9	The effect of YB ₄ addition in ZrB ₂ -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
10	Synthesis and reaction sintering of YB ₄ ceramics. Ceramics International, 2019, 45, 18795-18802.	4.8	7
11	Surface characterisation and wettability of titanium diboride by aluminium at low temperature. Advances in Applied Ceramics, 2020, 119, 22-28.	1.1	6
12	Phase, microstructure evolution and sintering of Sr-doped TiB ₂ precursors. Journal of the European Ceramic Society, 2011, 31, 1465-1471.	5.7	3
13	Preparation of Titanium Metal Matrix Composites Using Additive Manufacturing. Key Engineering Materials, 0, 742, 129-136.	0.4	3
14	Low-temperature consolidation of high-strength TiB ₂ 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
15	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
16	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
17	INFLUENCE OF METALLIC DOPANTS ON FRACTURE BEHAVIOUR OF TiB ₂ BASED CERMETS. Acta Metallurgica Slovaca - Conference, 2013, 3, .	0.2	1