

Stefan Pfeiffer

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

225
citations

1163117

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h-index

1372567

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g-index

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all docs

10
docs citations

10
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Crack-reduced alumina/aluminum titanate composites additive manufactured by laser powder bed fusion of black TiO ₂ x doped alumina granules. Journal of the European Ceramic Society, 2022, 42, 3515-3529.	5.7	8
2	Millisecond photonic sintering of iron oxide doped alumina ceramic coatings. Scientific Reports, 2021, 11, 3536.	3.3	7
3	Process characterization and analysis of ceramic powder bed fusion. International Journal of Advanced Manufacturing Technology, 2021, 117, 2105-2116.	3.0	7
4	Direct laser additive manufacturing of high performance oxide ceramics: A state-of-the-art review. Journal of the European Ceramic Society, 2021, 41, 6087-6114.	5.7	38
5	Nano-Sized Copper (Oxide) on Alumina Granules for Water Filtration: Effect of Copper Oxidation State on Virus Removal Performance. Environmental Science & Technology, 2020, 54, 1214-1222.	10.0	67
6	Selective laser melting of thermal pre-treated metal oxide doped aluminum oxide granules. Open Ceramics, 2020, 2, 100007.	2.0	12
7	Laser cladding of manganese oxide doped aluminum oxide granules on titanium alloy for biomedical applications. Applied Surface Science, 2020, 520, 146304.	6.1	30
8	Iron Oxide Doped Spray Dried Aluminum Oxide Granules for Selective Laser Sintering and Melting of Ceramic Parts. Advanced Engineering Materials, 2019, 21, 1801351.	3.5	23
9	An Innovative Selective Laser Melting Process for Hematite Doped Aluminum Oxide. Advanced Engineering Materials, 2019, 21, 1801352.	3.5	13
10	Al ₂ O ₃ /Cu-O composites fabricated by pressureless infiltration of paper-derived Al ₂ O ₃ porous preforms. Ceramics International, 2018, 44, 20835-20840.	4.8	20