

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

10
g-index

10
all docs

10
docs citations

10
times ranked

273
citing authors

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