

Martin Stumpf

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

95
citations

5
h-index

9
g-index

15
ext. papers

132
ext. citations

4.4
avg, IF

2.76
L-index

#	Paper	IF	Citations
15	Porous Alumina Ceramics with Multimodal Pore Size Distributions. <i>Materials</i> , 2021 , 14,	3.5	4
14	Influence of µCT scanning resolution and volume on FEM-simulation of periodic 3D-printed porous ceramics. <i>Materials Letters</i> , 2021 , 303, 130529	3.3	2
13	Temperature- and Stress-Dependent Electromechanical Response of Porous Pb(Zr,Ti)O ₃ . <i>Advanced Engineering Materials</i> , 2020 , 22, 2000389	3.5	3
12	Topological interlocking and damage mechanisms in periodic Ti ₂ AlC-Al building block composites. <i>Journal of the European Ceramic Society</i> , 2019 , 39, 2003-2009	6	4
11	Encapsulation of Reactive Ti ₂ AlC and Nb ₂ AlC Particles via a Boehmite Precipitation Route. <i>Advanced Engineering Materials</i> , 2019 , 21, 1900048	3.5	3
10	Modular Lattice Constructs for Biological Joint Resurfacing. <i>Tissue Engineering - Part A</i> , 2019 , 25, 1053-1062	3.6	2
9	Automated 3D assembly of periodic alumina-epoxy composite structures. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 3864-3873	3.8	12
8	Sol-gel infiltration of complex cellular indirect 3D printed alumina. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 3603-3609	6	18
7	Microstructure, thermal conductivity and simulation of elastic modulus of MAX-phase (Ti ₂ AlC) gel-cast foams. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 3424-3432	6	17
6	Nb ₂ AlC-particle induced accelerated crack healing in ZrO ₂ matrix composites. <i>Ceramics International</i> , 2018 , 44, 19352-19361	5.1	9
5	Thermochemical calculations of the oxidation behavior of Nb ₂ AlC MAX phase in ZrO ₂ matrix composites. <i>Ceramics International</i> , 2018 , 44, 15747-15753	5.1	1
4	Modular ceramic scaffolds for individual implants. <i>Acta Biomaterialia</i> , 2018 , 80, 390-400	10.8	15
3	Enforcing of Mechanical Properties of Alumina Foams. <i>Ceramic Engineering and Science Proceedings</i> , 2017 , 149-162	0.1	3
2	Influence of Different Irradiation Protocols on Vascularization and Bone Formation Parameters in Rat Femora. <i>Tissue Engineering - Part C: Methods</i> , 2017 , 23, 583-591	2.9	2
1	Enhancement of the Carbothermal Reduction of Hafnium Oxide by Silicon. <i>Advanced Engineering Materials</i> , 2017 , 19, 1600377	3.5	0