

Anthony Thuault

List of Publications by Year in descending order

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27
papers

764
citations

567144

15
h-index

526166

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28
all docs

28
docs citations

28
times ranked

898
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of build orientation on the manufacturing process and the properties of stereolithographic dental ceramics for crown frameworks. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 453-461.	1.1	19
2	Influence of dopants on thermal stability and densification of Ti^{2+} -tricalcium phosphate powders. <i>Open Ceramics</i> , 2021, 7, 100168.	1.0	10
3	Mechanical modelling of microwave sintering and experimental validation on an alumina powder. <i>Journal of the European Ceramic Society</i> , 2021, 41, 6617-6625.	2.8	7
4	Coupling additive manufacturing and microwave sintering: A fast processing route of alumina ceramics. <i>Journal of the European Ceramic Society</i> , 2020, 40, 2548-2554.	2.8	40
5	Tribological behavior of composites fabricated by reactive SPS sintering in $\text{Ti}-\text{Si}-\text{C}$ system. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 695-706.	1.1	3
6	Influence of microwave sintering on electrical properties of BCTZ lead free piezoelectric ceramics. <i>Journal of the European Ceramic Society</i> , 2020, 40, 1212-1216.	2.8	28
7	Mechanical properties of thermally sprayed porous alumina coating by Vickers and Knoop indentation. <i>Ceramics International</i> , 2020, 46, 19843-19851.	2.3	9
8	Effect of Microwave Drying, Calcination and Aging of $\text{Pt}/\text{Al}_2\text{O}_3$ on Platinum Dispersion. <i>Catalysts</i> , 2018, 8, 348.	1.6	7
9	Mechanical characterization of brittle materials using instrumented indentation with Knoop indenter. <i>Mechanics of Materials</i> , 2017, 108, 58-67.	1.7	19
10	Comparison of conventional Knoop and Vickers hardness of ceramic materials. <i>Journal of the European Ceramic Society</i> , 2017, 37, 2531-2535.	2.8	57
11	Stereolithography: A new method for processing dental ceramics by additive computer-aided manufacturing. <i>Dental Materials</i> , 2017, 33, 477-485.	1.6	151
12	Fracture toughness of glasses and hydroxyapatite: A comparative study of 7 methods by using Vickers indenter. <i>Ceramics International</i> , 2016, 42, 12740-12750.	2.3	47
13	Damage Analysis of a Ferritic SiMo Ductile Cast Iron Submitted to Tension and Compression Loadings in Temperature. <i>Metals</i> , 2015, 5, 2351-2369.	1.0	15
14	Investigation of the internal structure of flax fibre cell walls by transmission electron microscopy. <i>Cellulose</i> , 2015, 22, 3521-3530.	2.4	14
15	Numerical study of the influence of structural and mechanical parameters on the tensile mechanical behaviour of flax fibres. <i>Journal of Industrial Textiles</i> , 2014, 44, 22-39.	1.1	19
16	Effects of the hygrothermal environment on the mechanical properties of flax fibres. <i>Journal of Composite Materials</i> , 2014, 48, 1699-1707.	1.2	54
17	Improvement of the hydroxyapatite mechanical properties by direct microwave sintering in single mode cavity. <i>Journal of the European Ceramic Society</i> , 2014, 34, 1865-1871.	2.8	40
18	Effects of microwave sintering on intrinsic defects concentrations in ZnO -based varistors. <i>Ceramics International</i> , 2014, 40, 13697-13701.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Microwave sintering of large size pieces with complex shape. Journal of Materials Processing Technology, 2014, 214, 470-476.	3.1	22
20	Graphite nodule morphology as an indicator of the local complex strain state in ductile cast iron. Materials & Design, 2013, 52, 524-532.	5.1	23
21	Processing of reaction-bonded B ₄ C-SiC composites in a single-mode microwave cavity. Ceramics International, 2013, 39, 1215-1219.	2.3	41
22	Interrelation Between the Variety and the Mechanical Properties of Flax Fibres. Journal of Biobased Materials and Bioenergy, 2013, 7, 609-618.	0.1	4
23	Effects of the Susceptor Dielectric Properties on the Microwave Sintering of Alumina. Journal of the American Ceramic Society, 2013, 96, 3728-3736.	1.9	57
24	Frittage micro-ondes en cavité monomode de biocéramiques. MATEC Web of Conferences, 2013, 7, 04017.	0.1	2
25	Ultrastructure of cellulose crystallites in flax textile fibres. Cellulose, 2012, 19, 1837-1854.	2.4	57
26	Morphologie, biocomposition et comportement mécanique des fibres de lin. Materiaux Et Techniques, 2011, 99, 275-280.	0.3	5
27	Synchrotron X-Ray Tomographic Investigation of Internal Structure of Individual Flax Fibres. IFMBE Proceedings, 2010, , 1151-1154.	0.2	6