

Valter Ussui

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Titania-silica Composite with Photocatalytic Properties and Its Application on Brazilian Granite and Sandstone. International Journal of Architectural Heritage, 2023, 17, 770-787.	1.7	0
2	<i>Ab initio</i> atomistic description of temperature-induced phase changes: The cases of zirconia and Ti-Y-co-doped zirconia. Physical Review Materials, 2021, 5, .	0.9	2
3	Comparison of a laboratorial scale synthesized and a commercial yttria-tetragonal zirconia polycrystals ceramics submitted to microwave sintering. International Journal of Applied Ceramic Technology, 2019, 16, 2020-2027.	1.1	3
4	Physico-chemical characterization and biocompatibility of hydroxyapatite derived from fish waste. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 80, 137-142.	1.5	41
5	Effect of titania content and biomimetic coating on the mechanical properties of the Y-TZP/TiO ₂ composite. Dental Materials, 2018, 34, 238-245.	1.6	13
6	Effect of the bonding strategy on the tensile retention of full-contour zirconia crowns. International Journal of Adhesion and Adhesives, 2018, 85, 106-112.	1.4	1
7	Europium-Doped Hydroxyapatite: Influence of Excitation Wavelength on the Eu ³⁺ Luminescence in the Hydroxyapatite. Materials Science Forum, 2015, 820, 335-340.	0.3	1
8	Physico-chemical characterization of zirconia-titania composites coated with an apatite layer for dental implants. Dental Materials, 2013, 29, 954-962.	1.6	29
9	Influence of Organic Solvent on Solvothermal Synthesis of Samaria and Gadolinia Doped Ceria Nickel Oxide Composites. Materials Science Forum, 2012, 727-728, 1317-1322.	0.3	2
10	Synthesis and Characterization of Porous ZrO ₂ -Y ₂ O ₃ -TiO ₂ Ceramics Prepared by Coprecipitation. Materials Science Forum, 2012, 727-728, 1387-1392.	0.3	1
11	The Influence of Ageing in Pseudoboehmites Synthesis. Materials Science Forum, 2012, 727-728, 1795-1801.	0.3	6
12	Analysis <i>in vitro</i> of the cytotoxicity of potential implant materials. I: Zirconia-titania sintered ceramics. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 94B, 305-311.	1.6	34
13	The Effect of Hydrothermal Treatment on Samaria and Gadolinia Doped Ceria Powders Synthesized by Coprecipitation. Materials Science Forum, 2010, 660-661, 959-964.	0.3	0
14	Y-TZP ceramic processing from coprecipitated powders: A comparative study with three commercial dental ceramics. Dental Materials, 2008, 24, 1676-1685.	1.6	63
15	Spray-Dried YSZ Ceramic Powders: Influence of Slurry Stability on Physical Characteristics of Agglomerates. Materials Science Forum, 2008, 591-593, 465-470.	0.3	3
16	3YTZP-Al ₂ O ₃ Powders Synthesized by the Coprecipitation Route. Materials Science Forum, 2006, 530-531, 677-682.	0.3	1
17	Effect of Calcination Conditions on Phase Formation of Calcium Phosphates Ceramics Synthesized by Homogeneous Precipitation. Materials Science Forum, 2006, 530-531, 612-617.	0.3	4
18	Synthesis and Characterization of NiO-8YSZ Powders by Coprecipitation Route. Materials Science Forum, 2005, 498-499, 612-617.	0.3	9

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19	Evaluation of the Effect of Heavy Rare Earth Elements on Electrical Resistivity of Zirconia-Yttria Ceramics. Materials Science Forum, 2005, 498-499, 305-310.	0.3	2
20	Influence of the starting materials on performance of high temperature oxide fuel cells devices. Materials Research, 2004, 7, 215-220.	0.6	9
21	Synthesis of ZrO ₂ -Based Ceramics for Applications in SOFC. Materials Science Forum, 2003, 416-418, 681-687.	0.3	11
22	The Role of Light Rare Earths in the Thermal Degradation Behaviour of ZrO ₂ -CeO ₂ -Y ₂ O ₃ Ceramics. Materials Science Forum, 2003, 416-418, 573-578.	0.3	3
23	Evaluation of Hardness and Fracture Toughness of TZP Ceramics Stabilized with Yttria Concentrates. Materials Science Forum, 2003, 416-418, 555-560.	0.3	4
24	The influence of sulphur on the processing of zirconia based ceramics. Journal of the European Ceramic Society, 2002, 22, 2813-2820.	2.8	11
25	High Purity Zirconia and Silica Powders via Wet Process: Alkali Fusion of Zircon Sand. Materials Science Forum, 0, 591-593, 771-776.	0.3	12
26	Influence of Synthesis Route on Phase Formation and Sinterability of Hydroxyapatite-Zirconia Composites. Materials Science Forum, 0, 591-593, 722-727.	0.3	1
27	Combustion Synthesis of NiO/YSZ Composite. Materials Science Forum, 0, 591-593, 777-783.	0.3	3
28	Characterization of the Apatite Formation on the Surfaces of Zirconia and Alumina Ceramics in Body Environments. Materials Science Forum, 0, 591-593, 697-702.	0.3	10
29	Hydrothermal Synthesis of Nanostructured Titania. Materials Science Forum, 0, 660-661, 788-793.	0.3	0
30	Hydrothermal Treatment of Coprecipitated YSZ Powders. Materials Science Forum, 0, 660-661, 983-988.	0.3	3
31	Synthesis of Nickel Oxide - Zirconia Composites by Coprecipitation Route Followed by Hydrothermal Treatment. Materials Science Forum, 0, 660-661, 977-982.	0.3	1
32	Effect of Solvothermal Treatment on Physical Properties of Nickel and Aluminum Based Oxide Powders Synthesized by Coprecipitation. Materials Science Forum, 0, 820, 73-78.	0.3	1
33	Aging Behavior of Commercial and Synthesized Dental Y-TZP Ceramics. Materials Science Forum, 0, 820, 297-302.	0.3	3