

# Wilson Wa Acchar

## List of Publications by Year in descending order

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papers

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839398

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g-index

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docs citations

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times ranked

462  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporating sugarcane bagasse ash into Al <sub>2</sub> O <sub>3</sub> ceramic tapes. International Journal of Applied Ceramic Technology, 2021, 18, 213-220.	1.1	2
2	Avalia�o do potencial do res�duo cer�mico (RC) nas propriedades tecnol�gicas de tijolos de solo-aglomerante (s). Revista Principia, 2021, 1, 119.	0.1	1
3	Structural and magnetic behavior of zirconia�magnetic particles and zirconia�graphene composite ceramics. Journal of the American Ceramic Society, 2021, 104, 5711-5718.	1.9	4
4	Alumina-NbC composites fabricated by spark plasma sintering. Revista Principia, 2021, 1, 203.	0.1	0
5	Palygorskite sheets prepared via tape casting for wound healing applications. International Journal of Applied Ceramic Technology, 2020, 17, 320-326.	1.1	9
6	Mechanical performance and healing process improvement of cement-coir pith particle composites by accelerated carbonation. Revista Materia, 2020, 25, .	0.1	2
7	Effect of the addition of glasses as sintering aids on microstructure and properties of nanoalumina. Revista Materia, 2020, 25, .	0.1	0
8	Nano-structured Alumina-ZrO <sub>2</sub> ceramic laminates. Revista Materia, 2019, 24, .	0.1	0
9	Nano-structured alumina reinforced with NbC. Composite Structures, 2019, 225, 111109.	3.1	6
10	Processing and properties of tape-cast alumina/zirconia laminates composites. Journal of the European Ceramic Society, 2019, 39, 3462-3465.	2.8	9
11	Interfacial Properties and Bottom/Top Hardness Ratio Produced by Bulk Fill Composites in Dentin Cavities. Brazilian Dental Journal, 2019, 30, 476-483.	0.5	7
12	Ni-GDC Nanocomposite Material Prepared by Aqueous Based Tape Casting. Materials Science Forum, 2018, 912, 93-96.	0.3	0
13	3D printing of porcelain by layerwise slurry deposition. Journal of the European Ceramic Society, 2018, 38, 3395-3400.	2.8	43
14	Study of NiO-GDC material produced by aqueous tape casting. Revista Materia, 2018, 22, .	0.1	0
15	Fabrication and characterization of nano-zirconia produced by aqueous-based tape casting. Materials Today: Proceedings, 2017, 4, 11506-11511.	0.9	3
16	Influence of Sintering Conditions on Microstructural and Mechanical Properties of an Yttria Partially Stabilized Zirconia. Materials Science Forum, 2016, 881, 143-146.	0.3	0
17	Study of Influence of Replacement Waste Oil Well Drilling Fluid in the Standard Mass of a Ceramic Industry in Salfo Gonc�salo do Amarante/RN, Brazil. Materials Science Forum, 2016, 881, 416-421.	0.3	3
18	Rheological Characterization of Aqueous ZrO <sub>2</sub> -Suspension for Additive Manufacturing. Materials Science Forum, 2016, 881, 195-199.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of LaCr <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> Nanopowders (x) Tj ETQq1, 0.784314 rgBT	0.3	1
20	Study of the Substitution of Natural Fine Aggregates by Stone Dust in the Concrete of the Portland Cement. Materials Science Forum, 2016, 881, 331-335.	0.3	0
21	Using Oil Drilling Waste and Sugarcane Bags Ash in Soil-Cement Formulations. SpringerBriefs in Applied Sciences and Technology, 2016, , 45-61.	0.2	1
22	Solid Waste Materials. SpringerBriefs in Applied Sciences and Technology, 2016, , 15-27.	0.2	0
23	Soil-Cement Bricks. SpringerBriefs in Applied Sciences and Technology, 2016, , 5-13.	0.2	0
24	Silver Nanoparticle Surface Functionalized Alumina Filters for Disinfection of Potable Water. Materials Today: Proceedings, 2015, 2, 321-330.	0.9	6
25	Production of Hydroxyapatite/Polyhydroxibutirate Based Composites for Biomaterials Applications. Materials Science Forum, 2015, 820, 309-314.	0.3	2
26	Bactericidal Potential of Titania and Silver Nano Powders Deposited in Porous Ceramic Substrates for Low-power Water Purification Reactors. Materials Today: Proceedings, 2015, 2, 242-245.	0.9	6
27	Incorporation of ceramic waste into binary and ternary soil-cement formulations for the production of solid bricks. Materials Research, 2014, 17, 326-331.	0.6	15
28	Rice Husk Ash Impregnated with Silver Nanoparticles for Water Purification. Materials Science Forum, 2014, 798-799, 727-731.	0.3	3
29	Incorporation of Fired Ceramic Waste into Binary and Ternary Earth-Binder (S) Mixtures for Compressed Blocks. Materials Science Forum, 2014, 798-799, 498-502.	0.3	1
30	Analysis of the Mechanical Behavior of Ceramic Filters of the Systems Al <sub>2</sub> O <sub>3</sub> -LZSA and Al <sub>2</sub> O <sub>3</sub> -SiC. Materials Science Forum, 2014, 798-799, 707-712.	0.3	0
31	Characterization of palygorskite clay from Piau, Brazil and its potential use as excipient for solid dosage forms containing anti-tuberculosis drugs. Journal of Thermal Analysis and Calorimetry, 2013, 113, 551-558.	2.0	19
32	Mechanical performance of alumina reinforced with NbC, TiC and WC. Materials Research, 2012, 15, 821-824.	0.6	20
33	LaCrO <sub>3</sub> composite coatings for AISI 444 stainless steel solid oxide fuel cell interconnects. Materials Research, 2012, 15, 1064-1069.	0.6	4
34	Using Sugar Cane Bagasse Ash Into Clay Products. Journal of Solid Waste Technology and Management, 2012, 38, 5-10.	0.2	2
35	Laminated object manufacturing of LZSA glass-ceramics. Rapid Prototyping Journal, 2011, 17, 424-428.	1.6	36
36	Mechanical properties of hot-pressed ZrO <sub>2</sub> reinforced with (W,Ti)C and Al <sub>2</sub> O <sub>3</sub> additions. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 480-484.	2.6	19

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37	Mechanical properties of a lithium glass-ceramic matrix (LZSA) reinforced with TiC or (W,Ti)C particles: A preliminary study. Composite Structures, 2010, 92, 707-711.	3.1	3
38	Second-Generation Aluminium Extraction Residue Used as Devitrification Aid for Glass-Ceramics. Materials Science Forum, 2008, 587-588, 773-777.	0.3	0
39	Using lithium glass infiltration to enhance the properties of alumina bodies. Materials Research, 2008, 11, 439-442.	0.6	2
40	Scientific Investigation of Failures in Automotive Systems: Technical Report in Judicial Causes. , 2008, , .		0
41	The influence of (Ti,W)C and NbC on the mechanical behavior of alumina. Materials Research, 2006, 9, 171-174.	0.6	19
42	Surface characterization of alumina reinforced with niobium carbide obtained by polymer precursor. Materials Research, 2006, 9, 271-274.	0.6	3
43	Using ornamental stone cutting rejects as raw materials for red clay ceramic products: Properties and microstructure development. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 435-436, 606-610.	2.6	44
44	Microstructure of alumina reinforced with tungsten carbide. Journal of Materials Science, 2006, 41, 3299-3302.	1.7	14
45	Effect of tungsten carbide additions on the microstructure and properties of hot-pressed alumina. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 406, 74-77.	2.6	12
46	Ceramic Composites Derived from Nb/Al <sub>2</sub> O <sub>3</sub> -Filled Polysilsesquioxane. Materials Science Forum, 2005, 498-499, 369-374.	0.3	2
47	TEM study of a hot-pressed Al <sub>2</sub> O <sub>3</sub> -NbC composite material. Materials Research, 2005, 8, 109-112.	0.6	4
48	Microstructure and mechanical properties of WC-Co reinforced with NbC. Materials Research, 2004, 7, 445-450.	0.6	13
49	Sintering behavior of alumina reinforced with (Ti, W)carbides. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 371, 382-387.	2.6	15
50	Sintering Behavior of Alumina-Niobium Carbide Ceramics from Polymer-Filler Mixtures. Materials Science Forum, 2003, 416-418, 499-504.	0.3	1
51	Mechanical Characterization of Alumina-Doped Tungsten Carbide. Materials Science Forum, 2003, 416-418, 616-620.	0.3	2
52	Production of niobium carbide ceramic composites derived from polymer/filler mixtures: preliminary results. International Journal of Refractory Metals and Hard Materials, 2001, 19, 405-408.	1.7	6
53	The Influence of the Milling Environment on the Structure of a W-Cu Composite. Materials Science Forum, 0, 660-661, 353-359.	0.3	0
54	Effect of the Mg <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> Substitution on the Sintering Behavior and Compressive Strength of Doped $\beta$ -TCP/ CPP Ceramics. Materials Science Forum, 0, 798-799, 466-471.	0.3	1

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55	Evaluation of the Thermomechanical Behavior of Metallic Interconnectors Coated with a Film of $\text{La}_{0,8}\text{Ca}_{0,2}\text{CrO}_3$ of Solid Oxide Fuel Cells (SOFC). Materials Science Forum, 0, 820, 244-249.	0.3	0
56	Feasibility Study of Zirconia Waste Recycling Obtained during the Machining of Single and Multiple Dental Prosthesis. Materials Science Forum, 0, 881, 387-391.	0.3	1
57	Study of the Sintering Dental Ceramic Waste from $\text{ZrO}_2\text{-Y}_2\text{O}_3$ System. Materials Science Forum, 0, 881, 392-397.	0.3	2
58	Use of Sugarcane Bagasse Ashes as Raw Material in the Replacement of Fluxes for Applications on Porcelain Tile. Materials Science Forum, 0, 881, 383-386.	0.3	2
59	Adio conjunta do resduo de cermica vermelha e da cinza do bagao da cana-de-acar na produo de tijolos ecolgicos. Revista Principia, 0, , .	0.1	0
60	Obteno e caracterizao de fitas cermicas de NiO-CDG obtidos por tape casting. Revista Principia, 0, , .	0.1	0
61	Ecological bricks produced from scheelite residue, stone powder and cassava wastewater for non-structural masonry. Revista Principia, 0, , .	0.1	0
62	Uso de biopolmeros em pastas de cimento: reviso sistemtica da literatura.. Revista Principia, 0, , .	0.1	0