

# Tiago Bender Wermuth

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

285  
citations

1163117

8  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of caffeine and citrulline on magnetic properties when used as new fuels in the synthesis of CoFe <sub>2</sub> O <sub>4</sub> nanoparticles by gel combustion. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 560, 169632.	2.3	4
2	Enhancement of magnetic and dielectric properties of KNbO <sub>3</sub> –CoFe <sub>2</sub> O <sub>4</sub> multiferroic composites via thermal treatment. <i>Ceramics International</i> , 2021, 47, 4874-4883.	4.8	10
3	Conceptual design and cost analysis of a large-scale plant for converting red mud into building materials. <i>International Journal of Ceramic Engineering &amp; Science</i> , 2021, 3, 279-286.	1.2	0
4	Photocatalytic pathway on the degradation of methylene blue from aqueous solutions using magnetite nanoparticles. <i>Journal of Cleaner Production</i> , 2021, 318, 128556.	9.3	71
5	Porous ceramic supported TiO <sub>2</sub> nanoparticles: Enhanced photocatalytic activity for Rhodamine B degradation. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2020, 59, 230-238.	1.9	31
6	Fast-fired, nanograined titanium niobate (TiNb <sub>2</sub> O <sub>7</sub> ) with enhanced dielectric properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 261, 114650.	3.5	4
7	Ecofriendly synthesis of MWCNTs by electric arc in aqueous medium: Comparative study of 6B pencil and mineral graphite. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 2357-2367.	2.1	4
8	Desempenho de concretos preparados com cimentos portland cp iv e cp v utilizando o método de dosagem ipt/epusp: um estudo de caso. <i>Tecnológica</i> , 2020, 24, 221-227.	0.1	0
9	Synthesis of Potassium Niobate (KNbO <sub>3</sub> ) for Environmental Applications. <i>Engineering Materials</i> , 2019, , 153-170.	0.6	0
10	Avaliação da influência do glicerol em matriz cerâmica. <i>Revista Materia</i> , 2019, 24, .	0.2	0
11	Microwave-synthesized KNbO <sub>3</sub> perovskites: photocatalytic pathway on the degradation of rhodamine B. <i>Ceramics International</i> , 2019, 45, 24137-24145.	4.8	48
12	The influence of solvent composition in the sol-gel synthesis of cobalt ferrite (CoFe <sub>2</sub> O <sub>4</sub> ): A route to tuning its magnetic and mechanical properties. <i>Journal of the European Ceramic Society</i> , 2019, 39, 3442-3449.	5.7	32
13	Excess of cations in the sol-gel synthesis of cobalt ferrite (CoFe <sub>2</sub> O <sub>4</sub> ): A pathway to switching the inversion degree of spinels. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 482, 1-8.	2.3	57
14	Synthesis by solution combustion and optical characterization of violet NASICON-type Mg <sub>0.45</sub> Co <sub>0.05</sub> Ti <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> pigment. <i>Dyes and Pigments</i> , 2018, 157, 1-10.	3.7	9
15	The rapid synthesis of nanostructured orthorhombic KNbO <sub>3</sub> particles by a microwave-assisted hydrothermal method and their characterization. <i>Ceramics International</i> , 2018, 44, 4758-4765.	4.8	11
16	Utilization of Foundry Waste to Produce Ceramic Matrix Composites. <i>Materials Science Forum</i> , 2016, 869, 149-154.	0.3	4