

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
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1199594

12
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16
all docs

16
docs citations

16
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Excess of cations in the sol-gel synthesis of cobalt ferrite (CoFe ₂ O ₄): A pathway to switching the inversion degree of spinels. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 482, 1-8.	2.3	57
3	Microwave-synthesized KNbO ₃ perovskites: photocatalytic pathway on the degradation of rhodamine B. <i>Ceramics International</i> , 2019, 45, 24137-24145.	4.8	48
4	The influence of solvent composition in the sol-gel synthesis of cobalt ferrite (CoFe ₂ O ₄): A route to tuning its magnetic and mechanical properties. <i>Journal of the European Ceramic Society</i> , 2019, 39, 3442-3449.	5.7	32
5	Porous ceramic supported TiO ₂ 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	The rapid synthesis of nanostructured orthorhombic KNbO ₃ particles by a microwave-assisted hydrothermal method and their characterization. <i>Ceramics International</i> , 2018, 44, 4758-4765.	4.8	11
7	Enhancement of magnetic and dielectric properties of KNbO ₃ /CoFe ₂ O ₄ multiferroic composites via thermal treatment. <i>Ceramics International</i> , 2021, 47, 4874-4883.	4.8	10
8	Synthesis by solution combustion and optical characterization of violet NASICON-type Mg _{0.45} Co _{0.05} Ti ₂ (PO ₄) ₃ pigment. <i>Dyes and Pigments</i> , 2018, 157, 1-10.	3.7	9
9	Utilization of Foundry Waste to Produce Ceramic Matrix Composites. <i>Materials Science Forum</i> , 2016, 869, 149-154.	0.3	4
10	Fast-fired, nanograined titanium niobate (TiNb ₂ O ₇) with enhanced dielectric properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 261, 114650.	3.5	4
11	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
12	Influence of caffeine and citrulline on magnetic properties when used as new fuels in the synthesis of CoFe ₂ O ₄ nanoparticles by gel combustion. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 560, 169632.	2.3	4
13	Synthesis of Potassium Niobate (KNbO ₃) for Environmental Applications. <i>Engineering Materials</i> , 2019, , 153-170.	0.6	0
14	Avaliação da influência do glicerol em matriz cerâmica. <i>Revista Materia</i> , 2019, 24, .	0.2	0
15	Conceptual design and cost analysis of a large-scale plant for converting red mud into building materials. <i>International Journal of Ceramic Engineering & Science</i> , 2021, 3, 279-286.	1.2	0
16	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