

Gilberto Falk

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

178
citations

1684188

5
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-assisted synthesis of TiO ₂ nanoparticles: photocatalytic activity of powders and thin films. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	56
2	Microwave-assisted synthesis of Nb ₂ O ₅ for photocatalytic application of nanopowders and thin films. Journal of Materials Research, 2017, 32, 3271-3278.	2.6	52
3	Colloidal Sol-Gel Synthesis and Photocatalytic Activity of Nanoparticulate Nb ₂ O ₅ Sols. Journal of the American Ceramic Society, 2016, 99, 1968-1973.	3.8	27
4	Obtaining Biogenic Silica from Sugarcane Bagasse and Leaf Ash. Waste and Biomass Valorization, 2021, 12, 3205-3221.	3.4	13
5	Influence of synthesis parameters on sol-gel transition and physical properties of Nb ₂ O ₅ mesoporous ambigels. Journal of Sol-Gel Science and Technology, 2017, 83, 537-544.	2.4	10
6	Fast microwave-assisted hydrothermal synthesis of TiNb ₂ O ₇ nanoparticles. International Journal of Ceramic Engineering & Science, 2019, 1, 235-240.	1.2	6
7	Low-energy microwave synthesis and cold sintering of nanograined TiO ₂ -Nb ₂ O ₅ . Materials Letters, 2020, 278, 128418.	2.6	5
8	Fast-fired, nanograined titanium niobate (TiNb ₂ O ₇) with enhanced dielectric properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 261, 114650.	3.5	4
9	Highly enhanced adsorption and photocatalytic performance of TiO ₂ quantum dots synthesized by microwaves for degradation of reactive red azo dye. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	4
10	Ultrafast reaction-sintering of grain size-controlled titanium niobate from TiO ₂ and Nb ₂ O ₅ . International Journal of Ceramic Engineering & Science, 0, , .	1.2	1