

Lorenzo Gildo-Ortiz

List of Publications by Year in descending order

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13
papers

164
citations

1039880

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docs citations

13
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of the oxide NiSb ₂ O ₆ and its electrical characterization in toxic atmospheres for its application as a gas sensor. Journal of Materials Science: Materials in Electronics, 2022, 33, 18268-18283.	1.1	2
2	Synthesis of ZnAl ₂ O ₄ and Evaluation of the Response in Propane Atmospheres of Pellets and Thick Films Manufactured with Powders of the Oxide. Sensors, 2021, 21, 2362.	2.1	10
3	Magnetic domains orientation in (Fe ₃ O ₄ /Fe ₂ O ₃) nanoparticles coated by Gadolinium-diethylenetriaminepentaacetic acid (Gd ³⁺ -DTPA). Nano Express, 2021, 2, 020019.	1.2	1
4	Preparation of Powders Containing Sb, Ni, and O for the Design of a Novel CO and C ₃ H ₈ Sensor. Applied Sciences (Switzerland), 2021, 11, 9536.	1.3	2
5	Synthesis of MnSb ₂ O ₆ powders through a simple low-temperature method and their test as a gas sensor. Journal of Materials Science: Materials in Electronics, 2020, 31, 7359-7372.	1.1	10
6	Synthesis and characterization of nickel antimonate nanoparticles: sensing properties in propane and carbon monoxide. Journal of Materials Science: Materials in Electronics, 2019, 30, 6166-6177.	1.1	9
7	A simple route for the preparation of nanostructured GdCoO ₃ via the solution method, as well as its characterization and its response to certain gases. Results in Physics, 2019, 12, 475-483.	2.0	20
8	Sensitivity Tests of Pellets Made from Manganese Antimonate Nanoparticles in Carbon Monoxide and Propane Atmospheres. Sensors, 2018, 18, 2299.	2.1	19
9	Facile Synthesis, Microstructure, and Gas Sensing Properties of NdCoO ₃ Nanoparticles. Journal of Nanomaterials, 2017, 2017, 1-10.	1.5	10
10	A Novel Gas Sensor Based on MgSb ₂ O ₆ Nanorods to Indicate Variations in Carbon Monoxide and Propane Concentrations. Sensors, 2016, 16, 177.	2.1	30
11	Sensitivity of Mesoporous CoSb ₂ O ₆ Nanoparticles to Gaseous CO and C ₃ H ₈ at Low Temperatures. Journal of Nanomaterials, 2015, 2015, 1-9.	1.5	17
12	CO and C ₃ H ₈ Sensitivity Behavior of Zinc Antimonate Prepared by a Microwave-Assisted Solution Method. Journal of Nanomaterials, 2015, 2015, 1-8.	1.5	11
13	Dynamic Response of CoSb ₂ O ₆ Trirutile-Type Oxides in a CO ₂ Atmosphere at Low-Temperatures. Sensors, 2014, 14, 15802-15814.	2.1	23