Lorenzo Gildo-Ortiz

List of Publications by Year
in descending order

13 papers	164 citations	1040056 9 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	120 citing authors

#	Article	IF	Citations
1	A Novel Gas Sensor Based on MgSb2O6 Nanorods to Indicate Variations in Carbon Monoxide and Propane Concentrations. Sensors, 2016, 16, 177.	3.8	30
2	Dynamic Response of CoSb2O6 Trirutile-Type Oxides in a CO2 Atmosphere at Low-Temperatures. Sensors, 2014, 14, 15802-15814.	3.8	23
3	A simple route for the preparation of nanostructured GdCoO3 via the solution method, as well as its characterization and its response to certain gases. Results in Physics, 2019, 12, 475-483.	4.1	20
4	Sensitivity Tests of Pellets Made from Manganese Antimonate Nanoparticles in Carbon Monoxide and Propane Atmospheres. Sensors, 2018, 18, 2299.	3.8	19
5	Sensitivity of Mesoporous CoSb₂O₆Nanoparticles to Gaseous CO and C₃H₈at Low Temperatures. Journal of Nanomaterials, 2015, 2015, 1-9.	2.7	17
6	CO and C₃H₈Sensitivity Behavior of Zinc Antimonate Prepared by a Microwave-Assisted Solution Method. Journal of Nanomaterials, 2015, 2015, 1-8.	2.7	11
7	Facile Synthesis, Microstructure, and Gas Sensing Properties of NdCoO₃ Nanoparticles. Journal of Nanomaterials, 2017, 2017, 1-10.	2.7	10
8	Synthesis of MnSb2O6 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.	2.2	10
9	Synthesis of ZnAl2O4 and Evaluation of the Response in Propane Atmospheres of Pellets and Thick Films Manufactured with Powders of the Oxide. Sensors, 2021, 21, 2362.	3.8	10
10	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.	2.2	9
11	Preparation of Powders Containing Sb, Ni, and O for the Design of a Novel CO and C3H8 Sensor. Applied Sciences (Switzerland), 2021, 11, 9536.	2.5	2
12	Synthesis of the oxide NiSb2O6 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.	2.2	2
13	Magnetic domains orientation in (Fe3O4/Î³-Fe2O3) nanoparticles coated by Gadolinium-diethylenetriaminepentaacetic acid (Gd3+-DTPA). Nano Express, 2021, 2, 020019.	2.4	1