

# Juan Pablo Morán-Lázaro

## List of Publications by Year in descending order

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15  
papers

261  
citations

932766

10  
h-index

1058022

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dioxide gas sensing behavior of nanostructured GdCoO <sub>3</sub> prepared by a solution-polymerization method. <i>Journal of Alloys and Compounds</i> , 2009, 484, 605-611.	2.8	48
2	Synthesis of ZnMn <sub>2</sub> O <sub>4</sub> Nanoparticles by a Microwave-Assisted Colloidal Method and their Evaluation as a Gas Sensor of Propane and Carbon Monoxide. <i>Sensors</i> , 2018, 18, 701.	2.1	43
3	Synthesis, Characterization, and Sensor Applications of Spinel ZnCo <sub>2</sub> O <sub>4</sub> Nanoparticles. <i>Sensors</i> , 2016, 16, 2162.	2.1	26
4	Enhanced CO <sub>2</sub> -sensing response of nanostructured cobalt aluminate synthesized using a microwave-assisted colloidal method. <i>Sensors and Actuators B: Chemical</i> , 2016, 226, 518-524.	4.0	23
5	A novel CO and C <sub>3</sub> H <sub>8</sub> sensor made of CuSb <sub>2</sub> O <sub>6</sub> nanoparticles. <i>Ceramics International</i> , 2017, 43, 13635-13644.	2.3	20
6	Treatment of tequila vinasse and elimination of phenol by coagulation-flocculation process coupled with heterogeneous photocatalysis using titanium dioxide nanoparticles. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 1023-1033.	1.2	19
7	Synthesis and gas sensing properties of nanostructured CoSb <sub>2</sub> O <sub>6</sub> microspheres. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 278-285.	4.0	17
8	Effect of the frequency on the gas sensing response of CoSb <sub>2</sub> O <sub>6</sub> prepared by a colloidal method. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 149-154.	4.0	15
9	High performance isopropanol sensor based on spinel ZnMn <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Materials Today Communications</i> , 2021, 26, 102138.	0.9	13
10	Electrodeposition synthesis and characterization of In <sub>2</sub> S <sub>3</sub> microspheres. <i>Thin Solid Films</i> , 2016, 616, 388-398.	0.8	11
11	Synthesis and characterization of cobalt antimonate nanostructures and their study as potential CO and CO <sub>2</sub> sensor at low temperatures. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 15632-15642.	1.1	10
12	Synthesis and characterization of nickel antimonate nanoparticles: sensing properties in propane and carbon monoxide. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6166-6177.	1.1	9
13	Synthesis and characterization of multiwalled carbon nanotubes-protoporphyrin IX composites using acid functionalized or nitrogen doped carbon nanotubes. <i>Diamond and Related Materials</i> , 2016, 70, 65-75.	1.8	4
14	CO <sub>2</sub> Detection in Nanostructured CoSb <sub>2</sub> O <sub>6</sub> Prepared by a Non-aqueous Colloidal Method. <i>ECS Transactions</i> , 2010, 25, 49-51.	0.3	3
15	Synthesis Characterization of Nanostructured ZnCo <sub>2</sub> O <sub>4</sub> with High Sensitivity to CO Gas. , 2017, , .		0