

Severino Muñoz-Aguirre

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

198
citations

1040056

9
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Odor approximation of fruit flavors using a QCM odor sensing system. <i>Sensors and Actuators B: Chemical</i> , 2007, 123, 1101-1106.	7.8	46
2	Synthesis and characterization of Fe doped mesoporous Al ₂ O ₃ by sol-gel method and its use in trichloroethylene combustion. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 374-384.	2.4	27
3	Detection of volatile organic compounds by an interferometric sensor. <i>Sensors and Actuators B: Chemical</i> , 2010, 147, 37-42.	7.8	23
4	Study of deposition of gas sensing films on quartz crystal microbalance using an ultrasonic atomizer. <i>Sensors and Actuators B: Chemical</i> , 2005, 105, 144-149.	7.8	19
5	An Application of the Gaussian Plume Model to Localization of an Indoor Gas Source with a Mobile Robot. <i>Sensors</i> , 2018, 18, 4375.	3.8	14
6	Luminescent Properties of (004) Highly Oriented Cubic Zinc Blende ZnO Thin Films. <i>Materials</i> , 2019, 12, 3314.	2.9	14
7	Fiber Laser Thermally Tunable by a Filter Composed of Two Sagnac Interferometers. <i>IEEE Journal of Quantum Electronics</i> , 2008, 44, 49-55.	1.9	13
8	Comparative Study of One-Step Cross-Linked Electrospun Chitosan-Based Membranes. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-14.	2.7	10
9	Reduction of the Measurement Time by the Prediction of the Steady-State Response for Quartz Crystal Microbalance Gas Sensors. <i>Sensors</i> , 2018, 18, 2475.	3.8	10
10	Nanometric structures of highly oriented zinc blende ZnO thin films. <i>Materials Letters</i> , 2015, 139, 63-65.	2.6	9
11	Discrimination Improvement of a Gas Sensors™ Array Using High-Frequency Quartz Crystal Microbalance Coated with Polymeric Films. <i>Sensors</i> , 2020, 20, 6972.	3.8	8
12	Thermally Tunable All-Fiber Filter Based on Two Series Connected Sagnac Interferometers With Different Loop Lengths. <i>Journal of Lightwave Technology</i> , 2009, 27, 5365-5369.	4.6	5
13	Simulator of an Adaptive Optics System Using Matlab. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2017, , 311-318.	0.5	0
14	Development Of A System To Detect Ethanol Vapor Using A CCD Camera In An Interferometer. , 2010, , .		0