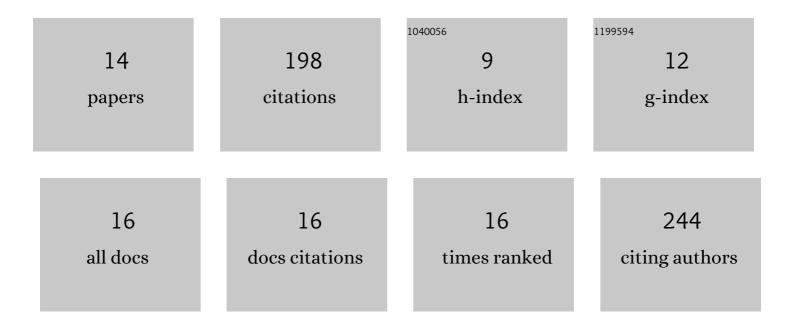
## Severino Muñoz-Aguirre

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Odor approximation of fruit flavors using a QCM odor sensing system. Sensors and Actuators B: Chemical, 2007, 123, 1101-1106.	7.8	46
2	Synthesis and characterization of Fe doped mesoporous Al2O3 by sol–gel method and its use in trichloroethylene combustion. Journal of Sol-Gel Science and Technology, 2011, 58, 374-384.	2.4	27
3	Detection of volatile organic compounds by an interferometric sensor. Sensors and Actuators B: Chemical, 2010, 147, 37-42.	7.8	23
4	Study of deposition of gas sensing films on quartz crystal microbalance using an ultrasonic atomizer. Sensors and Actuators B: Chemical, 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. Sensors, 2018, 18, 4375.	3.8	14
6	Luminescent Properties of (004) Highly Oriented Cubic Zinc Blende ZnO Thin Films. Materials, 2019, 12, 3314.	2.9	14
7	Fiber Laser Thermally Tunable by a Filter Composed of Two Sagnac Interferometers. IEEE Journal of Quantum Electronics, 2008, 44, 49-55.	1.9	13
8	Comparative Study of One-Step Cross-Linked Electrospun Chitosan-Based Membranes. Journal of Nanomaterials, 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. Sensors, 2018, 18, 2475.	3.8	10
10	Nanometric structures of highly oriented zinc blende ZnO thin films. Materials Letters, 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. Sensors, 2020, 20, 6972.	3.8	8
12	Thermally Tunable All-Fiber Filter Based on Two Series Connected Sagnac Interferometers With Different Loop Lengths. Journal of Lightwave Technology, 2009, 27, 5365-5369.	4.6	5
13	Simulator of an Adaptive Optics System Using Matlab. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 311-318.	0.5	0
14	Development Of A System To Detect Ethanol Vapor Using A CCD Camera In An Interferometer. , 2010, , .		0