

# Javier Ibáñez-Civera

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

759  
citations

516710

16  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

985  
citing authors

#	ARTICLE	IF	CITATIONS
1	An "electronic tongue" design for the qualitative analysis of natural waters. Sensors and Actuators B: Chemical, 2005, 104, 302-307.	7.8	128
2	A multisensor in thick-film technology for water quality control. Sensors and Actuators A: Physical, 2005, 120, 589-595.	4.1	85
3	Fish freshness analysis using metallic potentiometric electrodes. Sensors and Actuators B: Chemical, 2008, 131, 362-370.	7.8	79
4	A novel humid electronic nose combined with an electronic tongue for assessing deterioration of wine. Sensors and Actuators A: Physical, 2011, 171, 152-158.	4.1	70
5	Gold Nanostars Coated with Mesoporous Silica Are Effective and Nontoxic Photothermal Agents Capable of Gate Keeping and Laser-Induced Drug Release. ACS Applied Materials & Interfaces, 2018, 10, 27644-27656.	8.0	57
6	New potentiometric dissolved oxygen sensors in thick film technology. Sensors and Actuators B: Chemical, 2004, 101, 295-301.	7.8	46
7	A comparison study of pattern recognition algorithms implemented on a microcontroller for use in an electronic tongue for monitoring drinking waters. Sensors and Actuators A: Physical, 2011, 172, 570-582.	4.1	43
8	Design of an electronic system and its application to electronic tongues using variable amplitude pulse voltammetry and impedance spectroscopy. Journal of Food Engineering, 2012, 111, 122-128.	5.2	32
9	Janus Gold Nanostars@Mesoporous Silica Nanoparticles for NIR-Light-Triggered Drug Delivery. Chemistry - A European Journal, 2019, 25, 8471-8478.	3.3	30
10	Glyphosate Detection by Means of a Voltammetric Electronic Tongue and Discrimination of Potential Interferents. Sensors, 2012, 12, 17553-17568.	3.8	29
11	An optoelectronic sensing device for CO detection in air based on a binuclear rhodium complex. Sensors and Actuators B: Chemical, 2014, 191, 257-263.	7.8	24
12	Active flexible concentric ring electrode for non-invasive surface bioelectrical recordings. Measurement Science and Technology, 2012, 23, 125703.	2.6	22
13	An Electrochemical Impedance Spectroscopy System for Monitoring Pineapple Waste Saccharification. Sensors, 2016, 16, 188.	3.8	20
14	Glyphosate detection by voltammetric techniques. A comparison between statistical methods and an artificial neural network. Sensors and Actuators B: Chemical, 2012, 171-172, 528-536.	7.8	19
15	Artificial neural network onto eight bit microcontroller for Secchi depth calculation. Sensors and Actuators B: Chemical, 2011, 156, 132-139.	7.8	18
16	Low-Cost Electronic Tongue System and Its Application to Explosive Detection. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 424-431.	4.7	18
17	Electronic Tongue for Qualitative Analysis of Aqueous Solutions of Salts Using Thick-film Technology and Metal Electrodes. Sensors, 2006, 6, 1128-1138.	3.8	15
18	Instrument for sunlight extinction measurement in water bodies. Sensors and Actuators A: Physical, 2011, 168, 267-274.	4.1	7

#	ARTICLE	IF	CITATIONS
19	Colorimetric detection of hazardous gases using a remotely operated capturing and processing system. ISA Transactions, 2015, 59, 434-442.	5.7	7
20	Design of a low-cost equipment for optical hyperthermia. Sensors and Actuators A: Physical, 2017, 255, 61-70.	4.1	5
21	Optical system for automatic color monitoring in heterogeneous media during vinification processes. Sensors and Actuators B: Chemical, 2019, 285, 513-518.	7.8	5