

# 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	Janus Gold Nanostars – Mesoporous Silica Nanoparticles for NIR-Light-Triggered Drug Delivery. Chemistry - A European Journal, 2019, 25, 8471-8478.	3.3	30
2	Optical system for automatic color monitoring in heterogeneous media during vinification processes. Sensors and Actuators B: Chemical, 2019, 285, 513-518.	7.8	5
3	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
4	Design of a low-cost equipment for optical hyperthermia. Sensors and Actuators A: Physical, 2017, 255, 61-70.	4.1	5
5	An Electrochemical Impedance Spectroscopy System for Monitoring Pineapple Waste Saccharification. Sensors, 2016, 16, 188.	3.8	20
6	Colorimetric detection of hazardous gases using a remotely operated capturing and processing system. ISA Transactions, 2015, 59, 434-442.	5.7	7
7	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
8	Low-Cost Electronic Tongue System and Its Application to Explosive Detection. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 424-431.	4.7	18
9	Active flexible concentric ring electrode for non-invasive surface bioelectrical recordings. Measurement Science and Technology, 2012, 23, 125703.	2.6	22
10	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
11	Glyphosate Detection by Means of a Voltammetric Electronic Tongue and Discrimination of Potential Interferents. Sensors, 2012, 12, 17553-17568.	3.8	29
12	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
13	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
14	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
15	Instrument for sunlight extinction measurement in water bodies. Sensors and Actuators A: Physical, 2011, 168, 267-274.	4.1	7
16	Artificial neural network onto eight bit microcontroller for Secchi depth calculation. Sensors and Actuators B: Chemical, 2011, 156, 132-139.	7.8	18
17	Fish freshness analysis using metallic potentiometric electrodes. Sensors and Actuators B: Chemical, 2008, 131, 362-370.	7.8	79
18	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

#	ARTICLE	IF	CITATIONS
19	A multisensor in thick-film technology for water quality control. Sensors and Actuators A: Physical, 2005, 120, 589-595.	4.1	85
20	An "electronic tongue" design for the qualitative analysis of natural waters. Sensors and Actuators B: Chemical, 2005, 104, 302-307.	7.8	128
21	New potentiometric dissolved oxygen sensors in thick film technology. Sensors and Actuators B: Chemical, 2004, 101, 295-301.	7.8	46