

Julio Ballesta-Claver

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

666
citations

566801

15
h-index

752256

20
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24
all docs

24
docs citations

24
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of hypochlorite in water using a chemiluminescent test strip. <i>Analytica Chimica Acta</i> , 2004, 522, 267-273.	2.6	141
2	Disposable electrochemiluminescent biosensor for lactate determination in saliva. <i>Analyst, The</i> , 2009, 134, 1423.	1.7	78
3	Heavy metal concentrations in the general population of Andalusia, South of Spain. <i>Science of the Total Environment</i> , 2006, 372, 49-57.	3.9	63
4	Analysis of parabens in cosmetics by low pressure liquid chromatography with monolithic column and chemiluminescent detection. <i>Talanta</i> , 2009, 79, 499-506.	2.9	48
5	Disposable biosensor based on cathodic electrochemiluminescence of tris(2,2-bipyridine)ruthenium(II) for uric acid determination. <i>Analytica Chimica Acta</i> , 2013, 770, 153-160.	2.6	39
6	Electrochemiluminescent disposable cholesterol biosensor based on avidin-biotin assembling with the electroformed luminescent conducting polymer poly(luminol-biotinylated pyrrole). <i>Analytica Chimica Acta</i> , 2012, 754, 91-98.	2.6	35
7	A Portable Luminometer with a Disposable Electrochemiluminescent Biosensor for Lactate Determination. <i>Sensors</i> , 2009, 9, 7694-7710.	2.1	31
8	Disposable electrochromic polyaniline sensor based on a redox response using a conventional camera: A first approach to handheld analysis. <i>Journal of Electroanalytical Chemistry</i> , 2015, 738, 162-169.	1.9	26
9	One-shot lactate chemiluminescent biosensor. <i>Analytica Chimica Acta</i> , 2008, 629, 136-144.	2.6	25
10	Disposable luminol copolymer-based biosensor for uric acid in urine. <i>Analytica Chimica Acta</i> , 2011, 702, 254-261.	2.6	24
11	SPE biosensor for cholesterol in serum samples based on electrochemiluminescent luminol copolymer. <i>Talanta</i> , 2011, 86, 178-185.	2.9	24
12	Optical humidity sensor using methylene blue immobilized on a hydrophilic polymer. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 528-533.	4.0	22
13	Portable reconfigurable instrument for analytical determinations using disposable electrochemiluminescent screen-printed electrodes. <i>Sensors and Actuators B: Chemical</i> , 2012, 169, 46-53.	4.0	19
14	Use of digital reflection devices for measurement using hue-based optical sensors. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 10-17.	4.0	19
15	Pensamiento matemático y creatividad a través de la invención y resolución de problemas matemáticos. <i>Propósitos Y Representaciones</i> , 2016, 4, .	0.1	18
16	Copolymerization of luminol on screen-printed cells for single-use electrochemiluminescent sensors. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3041-3051.	1.9	15
17	Analysis of phenolic compounds in health care products by low-pressure liquid chromatography with monolithic column and chemiluminescent detection. <i>Luminescence</i> , 2011, 26, 44-53.	1.5	14
18	Portable system for photodiode-based electrochemiluminescence measurement with improved limit of detection. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 956-961.	4.0	13

#	ARTICLE	IF	CITATIONS
19	Identification of Indigo Dye (<i>Indigofera tinctoria</i>) and Its Degradation Products by Separation and Spectroscopic Techniques on Historic Documents and Textile Fibers. <i>Studies in Conservation</i> , 2021, 66, 7-22.	0.6	7
20	An ionogel composite including copolymer nanowires for disposable electrochemiluminescent sensor configurations. <i>RSC Advances</i> , 2014, 4, 57235-57244.	1.7	5
21	Luminescence: Solid Phase π^* . , 2018, , 281-281.		0
22	A Revisited Conceptual Change in Mathematical-Physics Education from a Neurodidactic Approach: A Pendulum Inquiry. <i>Mathematics</i> , 2021, 9, 1755.	1.1	0
23	HAND-HELD LUMINOMETER WITH ECL-BASED BIOSENSOR FOR LACTATE DETERMINATION. , 2009, , .		0
24	CONNECTED LABORATORY IN ANALYTICAL CHEMISTRY. , 2018, , .		0