# Julio Ballesta-Claver

## List of Publications by Citations



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|---|---|---|---|
| 22 papers | 566 citations | 14 h-index | 23 g-index |
| 24 ext. papers | 616 ext. citations | 5.5 avg, IF | 3.49 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 22 | Determination of hypochlorite in water using a chemiluminescent test strip. *Analytica Chimica Acta*, **2004**, 522, 267-273 | 6.6 | 122 |
| 21 | Disposable electrochemiluminescent biosensor for lactate determination in saliva. *Analyst, The*, **2009**, 134, 1423-32 | 5 | 71 |
| 20 | Heavy metal concentrations in the general population of Andalusia, South of Spain: a comparison with the population within the area of influence of Aznalcllar mine spill (SW Spain). *Science of the Total Environment*, **2006**, 372, 49-57 | 10.2 | 52 |
| 19 | Analysis of parabens in cosmetics by low pressure liquid chromatography with monolithic column and chemiluminescent detection. *Talanta*, **2009**, 79, 499-506 | 6.2 | 47 |
| 18 | Disposable biosensor based on cathodic electrochemiluminescence of tris(2,2-bipyridine)ruthenium(II) for uric acid determination. *Analytica Chimica Acta*, **2013**, 770, 153-60 | 6.6 | 33 |
| 17 | Electrochemiluminescent disposable cholesterol biosensor based on avidin-biotin assembling with the electroformed luminescent conducting polymer poly(luminol-biotinylated pyrrole). *Analytica Chimica Acta*, **2012**, 754, 91-8 | 6.6 | 32 |
| 16 | A portable luminometer with a disposable electrochemiluminescent biosensor for lactate determination. *Sensors*, **2009**, 9, 7694-710 | 3.8 | 26 |
| 15 | Disposable electrochromic polyaniline sensor based on a redox response using a conventional camera: A first approach to handheld analysis. *Journal of Electroanalytical Chemistry*, **2015**, 738, 162-169 | 4.1 | 24 |
| 14 | Disposable luminol copolymer-based biosensor for uric acid in urine. *Analytica Chimica Acta*, **2011**, 702, 254-61 | 6.6 | 22 |
| 13 | SPE biosensor for cholesterol in serum samples based on electrochemiluminescent luminol copolymer. *Talanta*, **2011**, 86, 178-85 | 6.2 | 22 |
| 12 | One-shot lactate chemiluminescent biosensor. *Analytica Chimica Acta*, **2008**, 629, 136-44 | 6.6 | 19 |
| 11 | Optical humidity sensor using methylene blue immobilized on a hydrophilic polymer. *Sensors and Actuators B: Chemical*, **2015**, 220, 528-533 | 8.5 | 17 |
| 10 | Portable reconfigurable instrument for analytical determinations using disposable electrochemiluminescent screen-printed electrodes. *Sensors and Actuators B: Chemical*, **2012**, 169, 46-53 | 8.5 | 17 |
| 9 | Use of digital reflection devices for measurement using hue-based optical sensors. *Sensors and Actuators B: Chemical*, **2012**, 174, 10-17 | 8.5 | 14 |
| 8 | Analysis of phenolic compounds in health care products by low-pressure liquid-chromatography with monolithic column and chemiluminescent detection. *Luminescence*, **2011**, 26, 44-53 | 2.5 | 14 |
| 7 | Copolymerization of luminol on screen-printed cells for single-use electrochemiluminescent sensors. *Analytical and Bioanalytical Chemistry*, **2011**, 400, 3041-51 | 4.4 | 13 |
| 6 | Portable system for photodiode-based electrochemiluminescence measurement with improved limit of detection. *Sensors and Actuators B: Chemical*, **2015**, 221, 956-961 | 8.5 | 11 |

# List of Publications

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|---|---|---|---|
| 5 | Pensamiento matemtico y creatividad a travs de la invencin y resolucin de problemas matemticos. *Propsitos Y Representaciones*, **2016**, 4, | 1.5 | 6 |
| 4 | An ionogel composite including copolymer nanowires for disposable electrochemiluminescent sensor configurations. *RSC Advances*, **2014**, 4, 57235-57244 | 3.7 | 4 |
| 3 | Identification of Indigo Dye (Indigofera tinctoria) and Its Degradation Products by Separation and Spectroscopic Techniques on Historic Documents and Textile Fibers. *Studies in Conservation*, **2021**, 66, 7-22 | 0.6 | 0 |
| 2 | Luminescence \| Solid Phase **2018**, 281-281 | | |
| 1 | A Revisited Conceptual Change in Mathematical-Physics Education from a Neurodidactic Approach: A Pendulum Inquiry. *Mathematics*, **2021**, 9, 1755 | 2.3 | |