

Tomás Guinovart

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,656
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidermal tattoo potentiometric sodium sensors with wireless signal transduction for continuous non-invasive sweat monitoring. <i>Biosensors and Bioelectronics</i> , 2014, 54, 603-609.	10.1	403
2	A potentiometric tattoo sensor for monitoring ammonium in sweat. <i>Analyst, The</i> , 2013, 138, 7031.	3.5	274
3	Bandage-Based Wearable Potentiometric Sensor for Monitoring Wound pH. <i>Electroanalysis</i> , 2014, 26, 1345-1353.	2.9	240
4	Potentiometric sensors using cotton yarns, carbon nanotubes and polymeric membranes. <i>Analyst, The</i> , 2013, 138, 5208.	3.5	182
5	A reference electrode based on polyvinyl butyral (PVB) polymer for decentralized chemical measurements. <i>Analytica Chimica Acta</i> , 2014, 821, 72-80.	5.4	114
6	A paper-based potentiometric cell for decentralized monitoring of Li levels in whole blood. <i>Lab on A Chip</i> , 2014, 14, 1308.	6.0	92
7	Wearable Potentiometric Sensors Based on Commercial Carbon Fibres for Monitoring Sodium in Sweat. <i>Electroanalysis</i> , 2016, 28, 1267-1275.	2.9	90
8	A Wearable Paper-Based Sweat Sensor for Human Perspiration Monitoring. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900342.	7.6	67
9	Characterization of a new ionophore-based ion-selective electrode for the potentiometric determination of creatinine in urine. <i>Biosensors and Bioelectronics</i> , 2017, 87, 587-592.	10.1	62
10	Recognition and Sensing of Creatinine. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2435-2440.	13.8	58
11	Chloride-Selective Electrodes Based on α -Two-Wall-Aryl-Extended Calix[4]Pyrroles: Combining Hydrogen Bonds and Anion- π Interactions to Achieve Optimum Performance. <i>Chemistry - A European Journal</i> , 2015, 21, 448-454.	3.3	32
12	A novel miniaturized radiofrequency potentiometer tag using ion-selective electrodes for wireless ion sensing. <i>Analyst, The</i> , 2013, 138, 5250.	3.5	22
13	Recognition and Sensing of Creatinine. <i>Angewandte Chemie</i> , 2016, 128, 2481-2486.	2.0	13
14	Sulphate-selective optical microsensors: overcoming the hydration energy penalty. <i>Chemical Communications</i> , 2015, 51, 10377-10380.	4.1	7