

Janire Saez Castano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6819730/publications.pdf>

Version: 2024-02-01

20
papers

317
citations

933264

10
h-index

996849

15
g-index

21
all docs

21
docs citations

21
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-responsive polymers for microfluidic applications. <i>Lab on A Chip</i> , 2018, 18, 699-709.	3.1	64
2	Organic Bioelectronics for <i>In Vitro</i> Systems. <i>Chemical Reviews</i> , 2022, 122, 4700-4790.	23.0	49
3	Fluidic flow delay by ionogel passive pumps in microfluidic paper-based analytical devices. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 402-408.	4.0	47
4	Microfluidics and materials for smart water monitoring: A review. <i>Analytica Chimica Acta</i> , 2021, 1186, 338392.	2.6	30
5	Poly(ionic liquid) thermo-responsive hydrogel microfluidic actuators. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 749-755.	4.0	27
6	Organic Transistors Incorporating Lipid Monolayers for Drug Interaction Studies. <i>Advanced Materials Technologies</i> , 2020, 5, 1900680.	3.0	17
7	Phantom membrane microfluidic cross-flow filtration device for the direct optical detection of water pollutants. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 924-930.	4.0	16
8	Reusable ionogel-based photo-actuators in a lab-on-a-disc. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 963-970.	4.0	15
9	Low-cost origami fabrication of 3D self-aligned hybrid microfluidic structures. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	1.0	12
10	On-demand generation and removal of alginate biocompatible microvalves for flow control in microfluidics. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 1-7.	4.0	11
11	Application of multivariate analysis to the turbidimetric determination of sulphate in seawater. <i>Analytical Methods</i> , 2014, 6, 3510-3514.	1.3	8
12	Ionogel-based hybrid polymer-paper handheld platform for nitrite and nitrate determination in water samples. <i>Analytica Chimica Acta</i> , 2022, 1205, 339753.	2.6	8
13	An electroactive and thermo-responsive material for the capture and release of cells. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113405.	5.3	4
14	Chemometrics for the classification and calibration of seawater using the H ⁺ affinity spectrum. <i>Talanta</i> , 2013, 116, 108-114.	2.9	3
15	Ionogel-based Nitrite and Nitrate Sensor for Water Control at the Point-of-Need. <i>Procedia Engineering</i> , 2016, 168, 518-521.	1.2	3
16	In-situ generated biocompatible alginate actuators for flow control in microfluidics. , 2015, , .		1
17	Photo-switchable microvalve in a reusable Lab-on-a-disc. , 2015, , .		1
18	Ionogel-based nitrate sensor device. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	A microfluidic column of water index-matched packed microspheres for label-free observation of water pollutants. <i>Mikrochimica Acta</i> , 2021, 188, 143.	2.5	0
20	Applications of Ionic Liquid Materials in Microfluidic Devices. <i>RSC Smart Materials</i> , 2017, , 234-271.	0.1	0