

Francesco Decataldo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2715401/publications.pdf>

Version: 2024-02-01

14
papers

286
citations

1040056

9
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and real-time electrical transistor assay for quantifying SARS-CoV-2 neutralizing antibodies. <i>Communications Materials</i> , 2022, 3, .	6.9	6
2	Oxygen Gas Sensing Using a Hydrogel-Based Organic Electrochemical Transistor for Work Safety Applications. <i>Polymers</i> , 2022, 14, 1022.	4.5	6
3	Organic Electrochemical Transistors as Versatile Tool for Real-Time and Automatized Viral Cytopathic Effect Evaluation. <i>Viruses</i> , 2022, 14, 1155.	3.3	2
4	Advanced Wound Dressing for Real-Time pH Monitoring. <i>ACS Sensors</i> , 2021, 6, 2366-2377.	7.8	54
5	Charge Carrier Mobility in Organic Mixed Ionicâ€“Electronic Conductors by the Electrolyteâ€“Gated van der Pauw Method. <i>Advanced Electronic Materials</i> , 2021, 7, 2100086.	5.1	10
6	A Wearable Electrochemical Gas Sensor for Ammonia Detection. <i>Sensors</i> , 2021, 21, 7905.	3.8	21
7	Organic Electrochemical Transistors for Realâ€“Time Monitoring of In Vitro Silver Nanoparticle Toxicity. <i>Advanced Biology</i> , 2020, 4, e1900204.	3.0	22
8	Textile sensors platform for the selective and simultaneous detection of chloride ion and pH in sweat. <i>Scientific Reports</i> , 2020, 10, 17180.	3.3	46
9	Transient-doped organic electrochemical transistors working in current-enhancing mode as sensing devices for low concentration of oxygen dissolved in solution. <i>APL Materials</i> , 2020, 8, .	5.1	10
10	Design of an electrochemically gated organic semiconductor for pH sensing. <i>Electrochemistry Communications</i> , 2020, 116, 106763.	4.7	17
11	Stretchable Low Impedance Electrodes for Bioelectronic Recording from Small Peripheral Nerves. <i>Scientific Reports</i> , 2019, 9, 10598.	3.3	51
12	Organic Electrochemical Transistors: Smart Devices for Realâ€“Time Monitoring of Cellular Vitality. <i>Advanced Materials Technologies</i> , 2019, 4, 1900207.	5.8	29
13	BMP-2 functionalized PEDOT:PSS-based OECTs for stem cell osteogenic differentiation monitoring. <i>Flexible and Printed Electronics</i> , 2019, 4, 044006.	2.7	11
14	All PEDOT:PSS devices as low cost wearable chemical sensors. , 0, , .		0