Francesco Decataldo

List of Publications by Year
in descending order

14	286	1040056 9	1125743 13
papers	citations	h-index	g-index

15	15	15	379
all docs	docs citations	times ranked	citing authors

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