SÃ©bastien Pecqueur

List of Publications by Year
in descending order

16	205	1163117 8	1058476 14
papers	citations	h-index	g-index

16	16	16	219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioâ€Inspired Adaptive Sensing through Electropolymerization of Organic Electrochemical Transistors. Advanced Electronic Materials, 2022, 8, 2100891.	5.1	10
2	Theoretical modeling of dendrite growth from conductive wire electro-polymerization. Scientific Reports, 2022, 12, 6395.	3.3	1
3	Mildly-doped polythiophene with triflates for molecular recognition. Synthetic Metals, 2021, 280, 116890.	3.9	4
4	Organic doped diode rectifier based on parylene-electronic beam lithogrpahy process for radio frequency applications. Organic Electronics, 2021, 97, 106266.	2.6	5
5	Dendritic Organic Electrochemical Transistors Grown by Electropolymerization for 3D Neuromorphic Engineering. Advanced Science, 2021, 8, e2102973.	11.2	22
6	Analog programing of conducting-polymer dendritic interconnections and control of their morphology. Nature Communications, 2021, 12, 6898.	12.8	11
7	Concentration-control in all-solution processed semiconducting polymer doping and high conductivity performances. Synthetic Metals, 2020, 262, 116352.	3.9	9
8	On a generic theory of the organic electrochemical transistor dynamics. Organic Electronics, 2019, 72, 39-49.	2.6	2
9	The non-ideal organic electrochemical transistors impedance. Organic Electronics, 2019, 71, 14-23.	2.6	10
10	Addressing Organic Electrochemical Transistors for Neurosensing and Neuromorphic Sensing. , 2019, , .		0
11	Cation discrimination in organic electrochemical transistors by dual frequency sensing. Organic Electronics, 2018, 57, 232-238.	2.6	24
12	Perspective: Organic electronic materials and devices for neuromorphic engineering. Journal of Applied Physics, 2018, 124, 151902.	2.5	41
13	Neuromorphic Timeâ€Dependent Pattern Classification with Organic Electrochemical Transistor Arrays. Advanced Electronic Materials, 2018, 4, 1800166.	5.1	42
14	Concentric-Electrode Organic Electrochemical Transistors: Case Study for Selective Hydrazine Sensing. Sensors, 2017, 17, 570.	3.8	12
15	Wide Bandâ€Gap Bismuthâ€based pâ€Dopants for Optoâ€Electronic Applications. Angewandte Chemie - International Edition, 2016, 55, 10493-10497.	13.8	11
16	Bismutâ€haltige pâ€Dotanden mit groÃŸer BandlÃ¼cke fÃ¼r optoelektronische Anwendungen. Angewandte Chemie, 2016, 128, 10649-10653.	2.0	1