

# SÃ©bastien Pecqueur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6440843/publications.pdf>

Version: 2024-02-01

16  
papers

205  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

219  
citing authors

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