

# Jean-François Chateaux

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/447561/publications.pdf>

Version: 2024-02-01

13  
papers

454  
citations

759233

12  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

914  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Electrospun Nanofiber Interfaces for Biosensing Devices. <i>Sensors</i> , 2017, 17, 1887.	3.8	115
2	Gold nanoparticles assembly on electrospun poly(vinyl alcohol)/poly(ethyleneimine)/glucose oxidase nanofibers for ultrasensitive electrochemical glucose biosensing. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 392-401.	7.8	86
3	ChipX: A Novel Microfluidic Chip for Counter-Diffusion Crystallization of Biomolecules and in Situ Crystal Analysis at Room Temperature. <i>Crystal Growth and Design</i> , 2013, 13, 3333-3340.	3.0	39
4	Xurography-based microfluidic algal biosensor and dedicated portable measurement station for online monitoring of urban polluted samples. <i>Biosensors and Bioelectronics</i> , 2018, 117, 669-677.	10.1	31
5	All-organic electrostrictive polymer composites with low driving electrical voltages for micro-fluidic pump applications. <i>Scientific Reports</i> , 2015, 5, 11814.	3.3	29
6	One-Step Fabrication of Electrospun Photo-Cross-Linkable Polymer Nanofibers Incorporating Multiwall Carbon Nanotubes and Enzyme for Biosensing. <i>Journal of the Electrochemical Society</i> , 2015, 162, B275-B281.	2.9	27
7	A conductometric creatinine biosensor prepared through contact printing of polyvinyl alcohol/polyethyleneimine based enzymatic membrane. <i>Microelectronic Engineering</i> , 2018, 187-188, 43-49.	2.4	27
8	Dielectrophoretic capture of low abundance cell population using thick electrodes. <i>Biomicrofluidics</i> , 2015, 9, 054104.	2.4	25
9	Nanocomposite Carbon/PDMS Material for Chip-Based Electrochemical Detection. <i>Electroanalysis</i> , 2011, 23, 321-324.	2.9	22
10	A conductometric sensor for potassium detection in whole blood. <i>Sensors and Actuators B: Chemical</i> , 2016, 235, 27-32.	7.8	19
11	Combining Electrospinning and Vapor-Phase Polymerization for the Production of Polyacrylonitrile/Polypyrrole Core-Shell Nanofibers and Glucose Biosensor Application. <i>Frontiers in Chemistry</i> , 2020, 8, 678.	3.6	18
12	Limit of detection of cerebral metabolites by localized NMR spectroscopy using microcoils. <i>Comptes Rendus Chimie</i> , 2008, 11, 448-456.	0.5	16
13	PCB/Polymer based micro-fluidic system for NMR Spectroscopy for nanoliters sample volume. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 2968-71.	0.5	0