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List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/271377/publications.pdf>

Version: 2024-02-01

13
papers

110
citations

1478505

6
h-index

1720034

7
g-index

13
all docs

13
docs citations

13
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of High-Aspect-Ratio Nanopores in Polymer Membranes: Analysis of Artifacts by Non-Destructive Testing. IEEE Nanotechnology Magazine, 2022, 21, 29-35.	2.0	0
2	Fabrication and simulations of high-aspect-ratio nanopores for polymer-based resistive pulse sensors. , 2021, , .		0
3	Analysis of High Aspect Ratio Nanopores for Resistive Pulse Sensing Applications Through Numerical Simulations. , 2021, , .		0
4	Arsenal of microfluidic testing devices may combat COVID-19 pandemic. MRS Bulletin, 2020, 45, 511-514.	3.5	11
5	Microfluidic devices for the detection of viruses: aspects of emergency fabrication during the COVID-19 pandemic and other outbreaks. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200398.	2.1	34
6	Numerical Modelling of a Nanopore-based Resistive-Pulse Sensor for Detection of Biomolecules*. , 2020, 2020, 4278-4281.		1
7	A polymer-based nano-resistive pulse sensor for detection of biomolecules: fabrication and simulation. , 2020, , .		4
8	Computer simulation of commercial conductive gels and their application to increase the safety of electrochemotherapy treatment. Medical Engineering and Physics, 2019, 74, 99-105.	1.7	12
9	Verification of Electroporation Models Using the Potato Tuber as In Vitro Simulation. Journal of Medical and Biological Engineering, 2019, 39, 224-229.	1.8	6
10	Oral Mucosa Model for Electrochemotherapy Treatment of Dog Mouth Cancer: Ex Vivo, In Silico, and In Vivo Experiments. Artificial Organs, 2018, 42, 297-304.	1.9	17
11	How Might X-Ray Scanned Potatoes Improve Cancer Treatment?. Microscopy and Microanalysis, 2018, 24, 410-411.	0.4	0
12	Electrochemotherapy Effectiveness Loss due to Electric Field Indentation between Needle Electrodes: A Numerical Study. Journal of Healthcare Engineering, 2018, 2018, 1-8.	1.9	7
13	Novel application for electrochemotherapy: Immersion of nasal cavity in dog. Artificial Organs, 2017, 41, 767-773.	1.9	18