

Aleksandra Klos-Witkowska

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

130
citations

5
h-index

11
g-index

37
ext. papers

171
ext. citations

1.3
avg, IF

3.25
L-index

#	Paper	IF	Citations
22	Structural and microtubule binding properties of tau mutants of frontotemporal dementias. <i>Biochemistry</i> , 2007 , 46, 2574-82	3.2	48
21	The phenomenon of fluorescence in immunosensors. <i>Acta Biochimica Polonica</i> , 2016 , 63, 215-21	2	18
20	Enzyme-Based Fluorescent Biosensors and Their Environmental, Clinical and Industrial Applications. <i>Polish Journal of Environmental Studies</i> , 2015 , 24, 19-25	2.3	17
19	Stability, bifurcation and transition to chaos in a model of immunosensor based on lattice differential equations with delay. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2018 , 1-31	0.5	16
18	Research of time characteristics of search methods of inverse element by the module 2017 ,		5
17	Two-Strain COVID-19 Model Using Delayed Dynamic System and Big Data. <i>IEEE Access</i> , 2021 , 9, 113866-113875	1.3	15
16	Information System of Arterial Oscillography for Primary Diagnostics of Cardiovascular Diseases. <i>Lecture Notes in Computer Science</i> , 2018 , 46-56	0.9	4
15	Mathematical modelling of three-dimensional problem of soil mass stressed-strained state considering mass and heat transfer 2017 ,		3
14	On multivariate method of qualitative analysis of Hodgkin-Huxley model with decision tree induction 2016 ,		3
13	Development of simulator automated dispatch control system for implementation in learning process 2017 ,		2
12	A brain-computer interface test-bench based on EEG signals for research and student training 2013 ,		2
11	Influence of Fractional Electromagnetic Radiation Doses on Biosensor Matrix Component Stability. <i>Acta Physica Polonica A</i> , 2018 , 133, 101-104	0.6	2
10	Computation Model of Cyber-Physical Immunosensor System. <i>IEEE Access</i> , 2019 , 7, 62325-62337	3.5	1
9	Increasing speed of genetic algorithm-based instance selection 2017 ,		1
8	Impedance spectroscopy of supercapacitors on the basis on modified by the ultrasound activated carbon material 2017 ,		1
7	Stability Investigation of Biosensor Model Based on Finite Lattice Difference Equations. <i>Springer Proceedings in Mathematics and Statistics</i> , 2020 , 297-321	0.2	0
6	Network Electronic Devices Authentication by Internal Electrical Noise. <i>Lecture Notes in Computer Science</i> , 2018 , 474-485	0.9	0

- 5 On Machine Learning Approach for the Design of Pharmaceutical Technology of Tablets: Acetyl Salicylic Acid with Atorvastatin. *Lecture Notes in Computer Science*, **2019**, 216-227 0.9
- 4 Numerical Simulation of Cyber-physical Biosensor Systems on the Basis of Lattice Difference Equations. *Advances in Cyber-Physical Systems*, **2019**, 4, 91-99 0.1
- 3 Investigation of Biosensor Potential Component Stability Caused by Influence of External Condition. *Ecological Chemistry and Engineering S*, **2019**, 26, 665-674 1.3
- 2 A meta-analysis of the influence of the external conditions on the biosensor receptor layer component stability. *Acta Biochimica Polonica*, **2021**, 68, 325-330 2
- 1 On Investigation of Stability and Bifurcation of Neural Network with Discrete and Distributed Delays. *Lecture Notes in Computer Science*, **2018**, 300-313 0.9