

# Andrej Bugajev

## 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.

16  
papers

85  
citations

5  
h-index

9  
g-index

16  
ext. papers

105  
ext. citations

1.6  
avg, IF

2.83  
L-index

#	Paper	IF	Citations
16	Numerical approximation of one model of bacterial self-organization. <i>Nonlinear Analysis: Modelling and Control</i> , <b>2012</b> , 17, 253-270	1.3	40
15	Decision Tree and AHP Methods Application for Projects Assessment: A Case Study. <i>Sustainability</i> , <b>2021</b> , 13, 5502	3.6	9
14	The Modelling of Roof Installation Projects Using Decision Trees and the AHP Method. <i>Sustainability</i> , <b>2020</b> , 12, 59	3.6	8
13	ON STABILITY ANALYSIS OF FINITE DIFFERENCE SCHEMES FOR GENERALIZED KURAMOTO-TSUZUKI EQUATION WITH NONLOCAL BOUNDARY CONDITIONS. <i>Mathematical Modelling and Analysis</i> , <b>2016</b> , 21, 630-643	1.3	7
12	Parallel algorithms for three-dimensional parabolic and pseudoparabolic problems with different boundary conditions. <i>Nonlinear Analysis: Modelling and Control</i> , <b>2014</b> , 19, 382-395	1.3	5
11	REDUCED ORDER MODELS BASED ON POD METHOD FOR SCHRÖDINGER EQUATIONS. <i>Mathematical Modelling and Analysis</i> , <b>2013</b> , 18, 694-707	1.3	4
10	COMPARISON OF ADAPTIVE MESHES FOR A SINGULARLY PERTURBED REACTION-DIFFUSION PROBLEM. <i>Mathematical Modelling and Analysis</i> , <b>2012</b> , 17, 732-748	1.3	3
9	On Efficiency Analysis of the OpenFOAM-Based Parallel Solver for Simulation of Heat Transfer in and Around the Electrical Power Cables. <i>Informatica</i> , <b>2016</b> , 27, 161-178	2.9	3
8	ON THE ACCURACY OF SOME ABSORBING BOUNDARY CONDITIONS FOR THE SCHRODINGER EQUATION. <i>Mathematical Modelling and Analysis</i> , <b>2017</b> , 22, 408-423	1.3	2
7	An Algorithm for Modelling the Impact of the Judicial Conflict-Resolution Process on Construction Investment. <i>Sustainability</i> , <b>2018</b> , 10, 182	3.6	2
6	The Mathematical Modelling of Heat Transfer in Electrical Cables. <i>Electrical, Control and Communication Engineering</i> , <b>2014</b> , 5, 46-53	0.7	1
5	A THREE-LEVEL PARALLELISATION SCHEME AND APPLICATION TO THE NELDER-MEAD ALGORITHM. <i>Mathematical Modelling and Analysis</i> , <b>2020</b> , 25, 584-607	1.3	1
4	Outlier Analysis for Telecom Fraud Detection. <i>Communications in Computer and Information Science</i> , <b>2022</b> , 219-231	0.3	0
3	On Parallelization of the OpenFOAM-Based Solver for the Heat Transfer in Electrical Power Cables. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 1-11	0.9	
2	Parallel Numerical Algorithms for Simulation of Multidimensional Ill-Posed Nonlinear Diffusion-Advection-Reaction Models. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 387-397	0.9	
1	Parallel Numerical Algorithms for Simulation of Rectangular Waveguides by Using GPU. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 301-310	0.9	