

# Andrej Bugajev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8483225/publications.pdf>

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16  
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#	ARTICLE	IF	CITATIONS
1	Numerical approximation of one model of bacterial self-organization. <i>Nonlinear Analysis: Modelling and Control</i> , 2012, 17, 253-270.	1.1	51
2	Decision Tree and AHP Methods Application for Projects Assessment: A Case Study. <i>Sustainability</i> , 2021, 13, 5502.	1.6	21
3	The Modelling of Roof Installation Projects Using Decision Trees and the AHP Method. <i>Sustainability</i> , 2020, 12, 59.	1.6	12
4	ON STABILITY ANALYSIS OF FINITE DIFFERENCE SCHEMES FOR GENERALIZED KURAMOTO-TSUZUKI EQUATION WITH NONLOCAL BOUNDARY CONDITIONS. <i>Mathematical Modelling and Analysis</i> , 2016, 21, 630-643.	0.7	9
5	On Efficiency Analysis of the OpenFOAM-Based Parallel Solver for Simulation of Heat Transfer in and Around the Electrical Power Cables. <i>Informatica</i> , 2016, 27, 161-178.	1.5	7
6	Parallel algorithms for three-dimensional parabolic and pseudoparabolic problems with different boundary conditions. <i>Nonlinear Analysis: Modelling and Control</i> , 2014, 19, 382-395.	1.1	5
7	REDUCED ORDER MODELS BASED ON POD METHOD FOR SCHRÖDINGER EQUATIONS. <i>Mathematical Modelling and Analysis</i> , 2013, 18, 694-707.	0.7	4
8	COMPARISON OF ADAPTIVE MESHES FOR A SINGULARLY PERTURBED REACTION-DIFFUSION PROBLEM. <i>Mathematical Modelling and Analysis</i> , 2012, 17, 732-748.	0.7	3
9	An Algorithm for Modelling the Impact of the Judicial Conflict-Resolution Process on Construction Investment. <i>Sustainability</i> , 2018, 10, 182.	1.6	3
10	The Mathematical Modelling of Heat Transfer in Electrical Cables. <i>Electrical, Control and Communication Engineering</i> , 2014, 5, 46-53.	0.4	2
11	ON THE ACCURACY OF SOME ABSORBING BOUNDARY CONDITIONS FOR THE SCHRÖDINGER EQUATION. <i>Mathematical Modelling and Analysis</i> , 2017, 22, 408-423.	0.7	2
12	A THREE-LEVEL PARALLELISATION SCHEME AND APPLICATION TO THE NELDER-MEAD ALGORITHM. <i>Mathematical Modelling and Analysis</i> , 2020, 25, 584-607.	0.7	2
13	Outlier Analysis for Telecom Fraud Detection. <i>Communications in Computer and Information Science</i> , 2022, , 219-231.	0.4	2
14	Parallel Numerical Algorithms for Simulation of Rectangular Waveguides by Using GPU. <i>Lecture Notes in Computer Science</i> , 2014, , 301-310.	1.0	1
15	On Parallelization of the OpenFOAM-Based Solver for the Heat Transfer in Electrical Power Cables. <i>Lecture Notes in Computer Science</i> , 2014, , 1-11.	1.0	0
16	Parallel Numerical Algorithms for Simulation of Multidimensional Ill-Posed Nonlinear Diffusion-Advection-Reaction Models. <i>Lecture Notes in Computer Science</i> , 2013, , 387-397.	1.0	0