

# Vladimir Gorbachenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2880073/publications.pdf>

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16  
papers

67  
citations

1937685

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1720034

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docs citations

17  
times ranked

28  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solving boundary value problems of mathematical physics using radial basis function networks. Computational Mathematics and Mathematical Physics, 2017, 57, 145-155.	0.8	29
2	Learning Radial Basis Function Networks with the Trust Region Method for Boundary Problems. Automation and Remote Control, 2018, 79, 1621-1629.	0.8	13
3	Efficient Solving of Boundary Value Problems Using Radial Basis Function Networks Learned by Trust Region Method. International Journal of Mathematics and Mathematical Sciences, 2018, 2018, 1-4.	0.7	6
4	Propagation limits for a slow wave of optical breakdown in a fiber light guide. Doklady Physics, 2010, 55, 384-387.	0.7	4
5	The Paradoxes of Aviation Security and Some Approaches to their Formal Description. Transportation Research Procedia, 2021, 54, 726-732.	1.5	4
6	Solving Equations Describing Processes in a Piecewise Homogeneous Medium on Radial Basis Functions Networks. Studies in Computational Intelligence, 2021, , 412-419.	0.9	4
7	Approximation of functions and approximate solution of partial differential equations using radial basis functions networks. , 2020, , .		2
8	Improving Algorithms for Learning Radial Basic Functions Networks to Solve the Boundary Value Problems. Advances in Computational Intelligence and Robotics Book Series, 2020, , 66-106.	0.4	2
9	Improving algorithms for learning of radial basis functions networks for approximation problems and solving partial differential equations. , 2019, , .		1
10	Outpatient diagnosis of endogenous intoxication in surgery. Ambulatorna Ā Hirurgi Ā, 0, , .	0.4	1
11	The Solution of Approximation Problems on RBF Networks Learned by The Levenberg Marquardt Method. , 2020, , .		0
12	Neural network classification of aviation personnel as an element of the information and control space for the security of a transport infrastructure object. Journal of Physics: Conference Series, 2020, 1679, 032019.	0.4	0
13	Solution of Partial Differential Equations on Radial Basis Functions Networks. Smart Innovation, Systems and Technologies, 2021, , 475-490.	0.6	0
14	A NEW METHOD FOR PREDICTING SURVIVAL AND ESTIMATING UNCERTAINTY IN TRAUMA PATIENTS. Sklifosovsky Journal Emergency Medical Care, 2017, 6, 30-33.	0.6	0
15	Avatar-Based Natural Neural Network as a Dynamic Virtual Model. International Journal of Applied Research in Bioinformatics, 2020, 10, 1-25.	0.8	0
16	Outpatient diagnosis of endogenous intoxication in surgery. Ambulatorna Ā Hirurgi Ā, 0, , .	0.4	0