Barbara Szyszka

List of Publications by Year
in descending order

15 papers	**98** citations

1684188

5 h-index	

1474206

9 g-index	

15 all docs	**15** docs citations
15 times ranked	**11** citing authors

#	Article	IF	Citations
1	Interval Runge-Kutta Methods with Variable Step Sizes. Computational Methods in Science and Technology, 2019, 25, 17-30.	0.3	3
2	A nine-point finite difference scheme for one-dimensional wave equation. AIP Conference Proceedings, 2017, , .	0.4	0
3	An interval version of Wendroff's method for solving the wave equation. AIP Conference Proceedings, 2016, , .	0.4	0
4	An interval version of Cauchy's problem for the wave equation. AIP Conference Proceedings, 2015, , .	0.4	2
5	Chosen interval methods for solving linear interval systems with special type of matrix. , 2013, , .		1
6	A Central-Backward Difference Interval Method for Solving the Wave Equation. Lecture Notes in Computer Science, 2013, , 518-527.	1.3	3
7	Interval Versions of Central-Difference Method for Solving the Poisson Equation in Proper and Directed Interval Arithmetic. Foundations of Computing and Decision Sciences, 2013, 38, 193-206.	1.2	8
8	The Central Difference Interval Method for Solving the Wave Equation. Lecture Notes in Computer Science, 2012, , 523-532.	1.3	7
9	Central Difference Interval Method for Solving the Wave Equation. , 2010, , .		3
10	Mathematical Modeling of Primary Wood Processing. , 2008, , .		1
11	Mathematical Modeling of Secondary Timber Processing. AIP Conference Proceedings, 2007, , .	0.4	1
12	A Survey of Interval Runge–Kutta and Multistep Methods for Solving the Initial Value Problem. , 2007, , 1361-1371.		20
13	ON REPRESENTATIONS OF COEFFICIENTS IN IMPLICIT INTERVAL METHODS OF RUNGE-KUTTA TYPE. Computational Methods in Science and Technology, 2004, 10, 57-71.	0.3	10
14	THREE- AND FOUR-STAGE IMPLICIT INTERVAL METHODS OF RUNGE-KUTTA TYPE. Computational Methods in Science and Technology, 2000, 6, 41-59.	0.3	22
15	ONE- AND TWO-STAGE IMPLICIT INTERVAL METHODS OF RUNGE-KUTTA TYPE. Computational Methods in Science and Technology, 1999, 5, 53-65.	0.3	17