Barbara Szyszka

List of Publications by Year
in descending order

15	98	1684188 5	1474206 9
papers	citations	h-index	g-index

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

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