WiesÅ‚aw Kotarski

List of Publications by Year
in descending order

19 papers	**199** citations	1040056 **9** h-index	1058476 **14** g-index
20 all docs	**20** docs citations	**20** times ranked	**64** citing authors

#	Article	IF	Citations
1	Newton's method with fractional derivatives and various iteration processes via visual analysis. Numerical Algorithms, 2021, 86, 953-1010.	1.9	23
2	Acceleration of the Robust Newton Method by the Use of the S-iteration. Lecture Notes in Computer Science, 2021, , 330-337.	1.3	0
3	On the robust Newton's method with the Mann iteration and the artistic patterns from its dynamics. Nonlinear Dynamics, 2021, 104, 297-331.	5.2	9
4	Visual Analysis of the Newton's Method with Fractional Order Derivatives. Symmetry, 2019, 11, 1143.	2.2	25
5	Polynomiography via the Hybrids of Gradient Descent and Newton Methods with Mann and Ishikawa Iterations. Advances in Intelligent Systems and Computing, 2018, , 455-464.	0.6	1
6	Polynomiography for the polynomial infinity norm via Kalantari's formula and nonstandard iterations. Applied Mathematics and Computation, 2017, 307, 17-30.	2.2	23
7	Using Genetic Algorithm to Aesthetic Patterns Design. Lecture Notes in Computer Science, 2016, , 123-132.	1.3	1
8	Time-Optimal Control of Infinite Order Distributed Parabolic Systems Involving Multiple Time-Varying Lags. Numerical Functional Analysis and Optimization, 2016, 37, 1066-1088.	1.4	9
9	Polynomiography Based on the Nonstandard Newton-Like Root Finding Methods. Abstract and Applied Analysis, 2015, 2015, 1-19.	0.7	21
10	Polynomiography via Ishikawa and Mann Iterations. Lecture Notes in Computer Science, 2012, , 305-313.	1.3	14
11	Automatic Generation of Aesthetic Patterns with the Use of Dynamical Systems. Lecture Notes in Computer Science, 2011, , 691-700.	1.3	6
12	Optimality of the boundary control for <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevi. Journal	1.0	2
13	Fractal Rendering of 3D Shapes. Industrial Electronics Society (IECON), Annual Conference of IEEE, 2006, , .	0.0	0
14	Optimal Control Problem for Infinite Order Hyperbolic System with Mixed Control-State Constraints. European Journal of Control, 2005, 11, 150-156.	2.6	15
15	Optimal control of parabolic equation with an infinite number of variables for non-standard functional and time delay. IMA Journal of Mathematical Control and Information, 2002, 19, 461-476.	1.7	20
16	On some specification of the Dubovicki-Milutin theorem for Pareto optimal problems. Nonlinear Analysis: Theory, Methods & Applications, 1990, 14, 287-291.	1.1	7
17	Optimal control of a system governed by a parabolic equation with an infinite number of variables. Journal of Optimization Theory and Applications, 1989, 60, 33-41.	1.5	13
18	Optimal control of a system governed by a parabolic equation with an infinite number of variables and time delay. Journal of Optimization Theory and Applications, 1989, 63, 57-67.	1.5	5

#	Article	IF	Citations
19	Further generalization of the Dubovicki-Milutin theorem. Journal of Optimization Theory and Applications, 1987, 54, 565-573.	1.5	5