

Maciej SmoÅ,ka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4016970/publications.pdf>

Version: 2024-02-01

40
papers

257
citations

933447

10
h-index

996975

15
g-index

41
all docs

41
docs citations

41
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding measure-driven algorithms solving irreversibly ill-conditioned problems. Natural Computing, 2022, 21, 289-315.	3.0	2
2	Application of the Hierarchic Memetic Strategy HMS in Neuroevolution. Lecture Notes in Computer Science, 2022, , 422-429.	1.3	1
3	A Three-Level Linearized Time Integration Scheme for Tumor Simulations with Cahn-Hilliard Equations. Lecture Notes in Computer Science, 2021, , 173-185.	1.3	0
4	Effective Solution of Ill-Posed Inverse Problems with Stabilized Forward Solver. Lecture Notes in Computer Science, 2021, , 343-357.	1.3	0
5	Current Trends in Software Engineering Bachelor Theses. Computing and Informatics, 2021, 40, 930-956.	0.7	1
6	Using Covariance Matrix Adaptation Evolutionary Strategy to boost the search accuracy in hierarchic memetic computations. Journal of Computational Science, 2019, 34, 48-54.	2.9	3
7	Approximating landscape insensitivity regions in solving ill-conditioned inverse problems. Memetic Computing, 2018, 10, 279-289.	4.0	6
8	MISFIT LANDFORMS IMPOSED BY ILL-CONDITIONED INVERSE PARAMETRIC PROBLEMS. Computer Science, 2018, 19, 157.	0.6	4
9	Multiwinner Voting in Genetic Algorithms. IEEE Intelligent Systems, 2017, 32, 40-48.	4.0	18
10	Differentiability of the objective in a class of coefficient inverse problems. Computers and Mathematics With Applications, 2017, 73, 2375-2387.	2.7	4
11	Memetic approach for irremediable ill-conditioned parametric inverse problems * *The work presented in this paper has been partially supported by Polish National Science Center grants no. DEC-2015/17/B/ST6/01867 and by the AGH statutory research grant no. 11.11.230.124.. Procedia Computer Science, 2017, 108, 867-876.	2.0	5
12	A multi-objective memetic inverse solver reinforced by local optimization methods. Journal of Computational Science, 2017, 18, 85-94.	2.9	5
13	Two-Phase Strategy Managing Insensitivity in Global Optimization. Lecture Notes in Computer Science, 2017, , 266-281.	1.3	1
14	Local Misfit Approximation in Memetic Solving of Ill-Posed Inverse Problems. Lecture Notes in Computer Science, 2017, , 297-309.	1.3	2
15	Multiwinner Voting in Genetic Algorithms for Solving Ill-Posed Global Optimization Problems. Lecture Notes in Computer Science, 2016, , 409-424.	1.3	5
16	Scalability of Direct Solver for Non-stationary Cahn-Hilliard Simulations with Linearized time Integration Scheme. Procedia Computer Science, 2016, 80, 834-844.	2.0	4
17	Application of $\hat{\mu}$ -stable mutation in a hierarchic evolutionary inverse solver. Journal of Computational Science, 2016, 17, 261-269.	2.9	4
18	On the Computational Cost and Complexity of Stochastic Inverse Solvers. Computer Science, 2016, 17, 225.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Multi-objective Hierarchic Memetic Solver for Inverse Parametric Problems. <i>Procedia Computer Science</i> , 2015, 51, 974-983.	2.0	6
20	An agent-oriented hierarchic strategy for solving inverse problems. <i>International Journal of Applied Mathematics and Computer Science</i> , 2015, 25, 483-498.	1.5	19
21	A New Time Integration Scheme for Cahn-hilliard Equations. <i>Procedia Computer Science</i> , 2015, 51, 1003-1012.	2.0	3
22	A hybrid method for inversion of 3D AC resistivity logging measurements. <i>Applied Soft Computing Journal</i> , 2015, 36, 442-456.	7.2	13
23	A hybrid method for inversion of 3D DC resistivity logging measurements. <i>Natural Computing</i> , 2015, 14, 355-374.	3.0	22
24	Hierarchic Genetic Search with α -Stable Mutation. <i>Lecture Notes in Computer Science</i> , 2015, , 143-154.	1.3	1
25	A hybrid algorithm for solving inverse problems in elasticity. <i>International Journal of Applied Mathematics and Computer Science</i> , 2014, 24, 865-886.	1.5	19
26	A Memetic Framework for Solving Difficult Inverse Problems. <i>Lecture Notes in Computer Science</i> , 2014, , 138-149.	1.3	3
27	Asymptotic guarantee of success for multi-agent memetic systems. <i>Bulletin of the Polish Academy of Sciences: Technical Sciences</i> , 2013, 61, 257-278.	0.8	17
28	Markov Chain Based Analysis of Agent-Based Immunological System. <i>Lecture Notes in Computer Science</i> , 2013, , 1-15.	1.3	1
29	An agent-based model of hierarchic genetic search. <i>Computers and Mathematics With Applications</i> , 2012, 64, 3763-3776.	2.7	14
30	The island model as a Markov dynamic system. <i>International Journal of Applied Mathematics and Computer Science</i> , 2012, 22, 971-984.	1.5	12
31	Asymptotic Features Of Parallel Agent-Based Immunological System. , 2011, ,		2
32	Evolutionary Multiobjective Optimization Algorithm as a Markov System. , 2010, , 617-626.		5
33	Asymptotic Analysis of Computational Multi-Agent Systems. , 2010, , 475-484.		2
34	A Framework for Observing Dynamics of Agent-Based Computations. <i>Lecture Notes in Computer Science</i> , 2010, , 250-259.	1.3	0
35	Stochastic Model of Evolutionary and Immunological Multi-Agent Systems: Parallel Execution of Local Actions. <i>Fundamenta Informaticae</i> , 2009, 95, 325-348.	0.4	14
36	Task Hibernation in a Formal Model of Agent-Oriented Computing Systems. <i>Lecture Notes in Computer Science</i> , 2008, , 535-544.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Computing MAS Dynamics Considering the Background Load. Lecture Notes in Computer Science, 2006, , 799-806.	1.3	3
38	An Existence Theorem for Wave-Type Hyperbolic Hemivariational Inequalities. Mathematische Nachrichten, 2002, 242, 79-90.	0.8	24
39	Existence of solutions for wave-type hemivariational inequalities with noncoercive viscosity damping. Journal of Mathematical Analysis and Applications, 2002, 270, 150-164.	1.0	9
40	Asymptotic behaviour of optimal solutions of control problems governed by inclusions. Discrete and Continuous Dynamical Systems, 1998, 4, 641-652.	0.9	0