Anna A Gorbenko

List of Publications by Year
in descending order

58	349	1684188 5	1372567 10
papers	citations	h-index	g-index

58	58	58	72
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Task-resource scheduling problem. International Journal of Automation and Computing, 2012, 9, 429-441.	4.5	60
2	Programming for modular reconfigurable robots. Programming and Computer Software, 2012, 38, 13-23.	0.9	44
3	The set of parameterized <mml:math altimg="si1.gif" display="inline" 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.els- Theoretica	0.9	37
4	Localization on Discrete Grid Graphs. Lecture Notes in Electrical Engineering, 2012, , 971-978.	0.4	30
5	The problem of sensor placement for triangulation-based localisation. International Journal of Automation and Control, 2011, 5, 245.	0.5	22
6	Self-Learning Algorithm for Visual Recognition and Object Categorization for Autonomous Mobile Robots. Lecture Notes in Electrical Engineering, 2012, , 1289-1295.	0.4	19
7	On multiple occurrences shortest common superstring problem. Applied Mathematical Sciences, 0, 7, 641-644.	0.1	14
8	Face detection and visual landmarks approach to monitoring of the environment. International Journal of Mathematical Analysis, 0, 7, 213-217.	0.3	11
9	Self-Learning of Robots and the Model of Hamiltonian Path with Fixed Number of Color Repetitions for Systems of Scenarios Creation. Advanced Materials Research, 0, 683, 909-912.	0.3	9
10	On Hamilton paths in grid graphs. Advanced Studies in Theoretical Physics, 0, 7, 127-130.	0.2	8
11	The swap common superstring problem. Applied Mathematical Sciences, 0, 7, 609-614.	0.1	7
12	The farthest substring problem. Applied Mathematical Sciences, 0, 7, 1209-1212.	0.1	6
13	The minimum test collection problem. Applied Mathematical Sciences, 0, 7, 1191-1193.	0.1	6
14	The string barcoding problem. Applied Mathematical Sciences, 0, 7, 615-622.	0.1	6
15	Longest common parameterized subsequences with fixed common substring. Applied Mathematical Sciences, 0, 7, 645-650.	0.1	5
16	Computational experiments for the problem of Hamiltonian path with fixed number of color repetitions. Advanced Studies in Theoretical Physics, 0, 7, 121-126.	0.2	5
17	The problem of selection of a set of partially distinguishable guards. Applied Mathematical Sciences, 0, 7, 651-654.	0.1	5
18	The multi-robot forest coverage for weighted terrain1. Journal of Ambient Intelligence and Smart Environments, 2015, 7, 835-847.	1.4	4

#	Article	IF	Citations
19	The force law design of artificial physics optimization for starting population selection for GSAT. Advanced Studies in Theoretical Physics, 0, 7, 131-134.	0.2	4
20	An intelligent gradient detector for monitoring of passenger flows. International Journal of Mathematical Analysis, 0, 7, 637-641.	0.3	4
21	Building the Panoramic Image for Mobile Robot Localization. Applied Mechanics and Materials, 0, 365-366, 967-970.	0.2	3
22	On Starting Population Selection for GSAT. Applied Mechanics and Materials, 2013, 365-366, 190-193.	0.2	3
23	Graph-Theoretic Models for the Module of Safe Planning for Control Systems of Mobile Robots. Advanced Materials Research, 0, 683, 737-740.	0.3	3
24	Abnormal Behavioral Pattern Detection in Closed-Loop Robotic Systems for Zero-Day Deceptive Threats. , 2020, , .		3
25	A system of intelligent algorithms for a module of onboard equipment of mobile vehicles. International Journal of Mathematical Analysis, 0, 7, 2317-2331.	0.3	3
26	Computational experiments for the problem of footstep planning for humanoid robots. Applied Mathematical Sciences, 0, 7, 2357-2372.	0.1	3
27	The minimum k-cover problem. Applied Mathematical Sciences, 0, 7, 2347-2352.	0.1	3
28	The shortest common superstring problem. Applied Mathematical Sciences, 0, 7, 2353-2356.	0.1	3
29	Description of Sequences of Rhythmic Motor Primitives. Advanced Materials Research, 0, 1016, 612-616.	0.3	2
30	Reduction of the uncertainty in feature tracking. Applied Intelligence, 2018, 48, 4626-4645.	5.3	2
31	Programming for Modular Reconfigurable Robots. , 2011, , .		2
32	A genetic algorithm with expansion and exploration operators for the maximum satisfiability problem. Applied Mathematical Sciences, 0, 7, 1183-1190.	0.1	2
33	Longest common parameterized subsequences with parameterized common substring. Applied Mathematical Sciences, 0, 7, 2341-2345.	0.1	2
34	On the shortest common parameterized supersequence problem. Applied Mathematical Sciences, 0, 7, 4821-4828.	0.1	2
35	Mechanical Research with Intelligent Avatars for Robot Learning from Demonstration. Advanced Materials Research, 2014, 952, 287-290.	0.3	1
36	The law of luminous intensity variation and technical vision. Advanced Studies in Theoretical Physics, 0, 7, 349-354.	0.2	1

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37	On the adjustment of the weights of the Levenshtein distance for the description of sequences of rhythmic motor primitives. Contemporary Engineering Sciences, 0, 8, 835-840.	0.2	1
38	The Problem of Placement of Visual Landmarks. , 2011, , .		1
39	Restricted common superstrings. Applied Mathematical Sciences, 0, 7, 2335-2339.	0.1	1
40	Visual landmarks systems for humanoid robots. Applied Mathematical Sciences, 0, 7, 1205-1208.	0.1	1
41	Deceptive Actions and Robot Collision Avoidance. Advances in Intelligent Systems and Computing, 2020, , 105-109.	0.6	1
42	Anticipation in Robot Navigation and Mining for Intresting Patterns. Applied Mechanics and Materials, 2013, 416-417, 731-734.	0.2	0
43	The Problem of Sensor-Mission Assignment in Wireless Sensor Networks. Applied Mechanics and Materials, 0, 416-417, 985-988.	0.2	0
44	Automatic Generation of Modules of Visual Recognition. Applied Mechanics and Materials, 2013, 416-417, 748-752.	0.2	0
45	Automatic generation of modules of object categorization for autonomous mobile robots. , 2013, , .		0
46	A Robot Self-Learning Algorithm for Safe Cooperation in Industrial Environments. Advanced Materials Research, 0, 934, 245-248.	0.3	0
47	Task-Level Learning from Demonstration and Generation of Action Examples for Hierarchical Control Structure. Applied Mechanics and Materials, 0, 565, 194-197.	0.2	0
48	The problem of robot swarms control with only global signals. AIP Conference Proceedings, 2015, , .	0.4	0
49	The discrete minimum constraint removal motion planning problem. AIP Conference Proceedings, 2015, , .	0.4	0
50	Task sequencing for autonomous robotic vacuum cleaners. AIP Conference Proceedings, 2017, , .	0.4	0
51	An efficient algorithm for integrated task sequencing and path planning for robotic remote laser welding. , 2017, , .		0
52	The shortest common parameterized supersequence problem. Applied Mathematical Sciences, 0, 7, 2373-2380.	0.1	0
53	The shortest common ordered supersequence problem. Applied Mathematical Sciences, 0, 7, 4813-4819.	0.1	0
54	Coevolving solutions of the 3-satisfiability problem. Applied Mathematical Sciences, 0, 7, 603-608.	0.1	0

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55	The identity checking problem for semigroups. Applied Mathematical Sciences, 0, 7, 1199-1203.	0.1	0
56	An intelligent gradient detector with minimization of visual landmarks distortion for monitoring of passenger flows. International Journal of Mathematical Analysis, 0, 7, 2313-2315.	0.3	0
57	The permutation problem using a unit-capacity robot. Contemporary Engineering Sciences, 0, 8, 853-857.	0.2	0
58	Deceptive actions and demonstrations of intentions for robot collision avoidance. AIP Conference Proceedings, 2020, , .	0.4	0