Sherzod Turaev

List of Publications by Year
in descending order

69 papers	**339** citations	933264 **10** h-index	996849 **15** g-index
74 all docs	**74** docs citations	**74** times ranked	**155** citing authors

#	Article	IF	Citations
1	Novel Algorithm for Mobile Robot Path Planning in Constrained Environment. Computers, Materials and Continua, 2022, 71, 2697-2719.	1.5	9
2	Body Language Analysis in Healthcare: An Overview. Healthcare (Switzerland), 2022, 10, 1251.	1.0	6
3	Recent Advances in Passive UHF-RFID Tag Antenna Design for Improved Read Range in Product Packaging Applications: A Comprehensive Review. IEEE Access, 2021, 9, 63611-63635.	2.6	26
4	IDSA: An Efficient Algorithm for Skyline Queries Computation on Dynamic and Incomplete Data With Changing States. IEEE Access, 2021, 9, 57291-57310.	2.6	5
5	The Properties of Semi-Simple Splicing System Over Alternating Group, A_3. Journal of Physics: Conference Series, 2021, 1770, 012001.	0.3	0
6	A Modified HSIFT Descriptor for Medical Image Classification of Anatomy Objects. Symmetry, 2021, 13, 1987.	1.1	22
7	Hand Gesture Recognition Methods and Applications: A Literature Survey. , 2021, , .		4
8	Linear and nonlinear stochastic distribution for consensus problem in multi-agent systems. Neural Computing and Applications, 2020, 32, 261-277.	3.2	12
9	The characteristics of simple splicing languages over permutation groups. AIP Conference Proceedings, 2020, , .	0.3	0
10	Tailoring time series models for forecasting coronavirus spread: Case studies of 187 countries. Computational and Structural Biotechnology Journal, 2020, 18, 2972-3206.	1.9	22
11	Closure properties of static Watson-Crick linear and context-free grammars. AIP Conference Proceedings, 2020, , .	0.3	1
12	Binary Context-Free Grammars. Symmetry, 2020, 12, 1209.	1.1	0
13	Skyline Queries Computation on Crowdsourced- Enabled Incomplete Database. IEEE Access, 2020, 8, 106660-106689.	2.6	6
14	Application of Transfer Learning for Fruits and Vegetable Quality Assessment. , 2020, , .		4
15	Generation of elementary gates and Bell's states using controlled adiabatic evolutions. International Journal of Quantum Information, 2019, 17, 1950020.	0.6	1
16	The nonlinear limit control of EDSQOs on finite dimensional simplex. Automatika, 2019, 60, 404-412.	1.2	6
17	Static Watson-Crick Context-Free Grammars. International Journal of Online and Biomedical Engineering, 2019, 15, 65.	0.9	1
18	Nonlinear Consensus Protocol Modified from Doubly Stochastic Quadratic Operators in Networks of Dynamic Agents. Symmetry, 2019, 11, 1519.	1.1	6

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19	Optimizing Skyline Query Processing in Incomplete Data. IEEE Access, 2019, 7, 178121-178138.	2.6	13
20	THE INVESTIGATION OF THE INTERNET OF THINGS (IoT) IN ELECTRIC POWER SYSTEMS. News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2019, 5, 144-150.	0.1	0
21	Nonlinear Convergence Algorithm: Structural Properties with Doubly Stochastic Quadratic Operators for Multi-Agent Systems. Journal of Artificial Intelligence and Soft Computing Research, 2018, 8, 49-61.	3.5	9
22	Watson–Crick Context-Free Grammars: Grammar Simplifications and a Parsing Algorithm. Computer Journal, 2018, 61, 1361-1373.	1.5	1
23	Reach a nonlinear consensus for MAS via doubly stochastic quadratic operators. International Journal of Control, 2018, 91, 1431-1459.	1.2	8
24	Consensus of fractional nonlinear dynamics stochastic operators for multi-agent systems. Information Fusion, 2018, 44, 1-21.	11.7	16
25	An overview of the consensus problem in the control of multi-agent systems. Automatika, 2018, 59, 143-157.	1.2	14
26	Closure properties of Watson-Crick Petri net. AIP Conference Proceedings, 2018, , .	0.3	0
27	A Model for Processing Skyline Queries in Crowd-sourced Databases. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 798.	0.7	7
28	Probabilistic simple sticker systems. AIP Conference Proceedings, 2017, , .	0.3	2
29	Generating finite cyclic and dihedral groups using sequential insertion systems with interactions. AIP Conference Proceedings, 2017, , .	0.3	0
30	Necessary and Sufficient Conditions for Complementary Stochastic Quadratic Operators of Finite-Dimensional Simplex. Sukkur IBA Journal of Computing and Mathematical Sciences, 2017, 1, 22-27.	0.5	10
31	Place-labelled Petri net controlled grammars. ScienceAsia, 2017, 43S, 9.	0.2	0
32	Multiset Controlled Grammars: A Simple Method in Regulated Rewriting Theory. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 36.	0.7	0
33	State machine of place-labelled petri net controlled grammars. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 649-653.	0.4	0
34	Dynamics of doubly stochastic quadratic operators on a finite-dimensional simplex. Open Mathematics, 2016, 14, 509-519.	0.5	12
35	Generative Power and Closure Properties of Watson-Crick Grammars. Applied Computational Intelligence and Soft Computing, 2016, 2016, 1-12.	1.6	4
36	The generative capacity of weighted simple and semi-simple splicing systems. AIP Conference Proceedings, 2016, , .	0.3	0

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37	Dynamics Classifications of Extreme Doubly Stochastic Quadratic Operators on 2D Simplex. Lecture Notes in Electrical Engineering, 2016, , 323-335.	0.3	7
38	A Novel Stream Cipher Based on Nondeterministic Finite Automata. , 2016, , .		1
39	Nonlinear Consensus for Multi-Agent Systems using Positive Intractions of Doubly Stochastic Quadratic Operators. International Journal of East Asian Studies, 2016, 2, .	0.3	9
40	Context-Free Petri Net Controlled Grammars under Parallel Firing Strategy. Applied Mathematics and Information Sciences, 2016, 10, 1757-1762.	0.7	0
41	The properties of probabilistic simple regular sticker system. AIP Conference Proceedings, 2015, , .	0.3	0
42	A new variant of Petri net controlled grammars. AIP Conference Proceedings, 2015, , .	0.3	1
43	The Extreme Doubly Stochastic Quadratic Operators on Two Dimensional Simplex. , 2015, , .		6
44	Computational Properties of Watson-Crick Context-Free Grammars. , 2015, , .		1
45	Some characteristics on the generative power of weighted one-sided splicing systems. AIP Conference Proceedings, 2015, , .	0.3	0
46	Closure properties of Watson-Crick grammars. AIP Conference Proceedings, 2015, , .	0.3	3
47	Parallel firing strategy on Petri nets: A review. AIP Conference Proceedings, 2015, , .	0.3	0
48	The convergence consensus of multi-agent systems controlled via doubly stochastic quadratic operators. , 2015, , .		3
49	Automata for subgroups. , 2014, , .		0
50	The generative power of weighted one-sided and regular sticker systems. , 2014, , .		0
51	Weighted Watson-Crick automata. , 2014, , .		2
52	Probabilistic simple splicing systems. , 2014, , .		0
53	Watson-Crick Petri net languages with finite sets of final markings. , 2014, , .		0
54	Watson-Crick Petri net languages: The effect of labeling strategies. , 2014, , .		0

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55	Probabilistic sticker systems. Malaysian Journal of Fundamental and Applied Sciences, 2014, 9, .	0.4	3
56	Nonterminal Complexity of Weakly Conditional Grammars. Lecture Notes in Computer Science, 2014, , 53-62.	1.0	0
57	Fuzzy Splicing Systems. Lecture Notes in Computer Science, 2014, , 20-29.	1.0	1
58	Some Properties of the Concurrent Grammars. , 2014, , 223-231.		2
59	Languages of Watson-Crick Petri Net. Jurnal Teknologi (Sciences and Engineering), 2014, 70, .	0.3	0
60	Automata representation for Abelian groups. , 2013, , .		1
61	Some characteristics of probabilistic one-sided splicing systems. , 2013, , .		0
62	Probabilistic Splicing Systems. Studies in Computational Intelligence, 2013, , 259-268.	0.7	2
63	Probabilistic Semiâ€"Simple Splicing System and Its Characteristics. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Overl	0.3	1
64	Language classes generated by tree controlled grammars with bounded nonterminal complexity. Theoretical Computer Science, 2012, 449, 134-144.	0.5	3
65	Software Quality Models: A Comparative Study. Communications in Computer and Information Science, 2011, , 46-55.	0.4	27
66	An Evaluation Model for Software Reuse Processes. Communications in Computer and Information Science, 2011, , 586-599.	0.4	4
67	Grammars Controlled by Petri Nets with Place Capacities. , 2010, , .		2
68	Concurrently controlled grammars. Kybernetika, 0, , 748-764.	0.0	2
69	Capacity Bounded Grammars and Petri Nets. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 3, 193-203.	0.8	4