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	Software Quality Models: A Comparative Study. Communications in Computer and Information Science, 2011, , 46-55.	0.4	27
2	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
3	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
4	A Modified HSIFT Descriptor for Medical Image Classification of Anatomy Objects. Symmetry, 2021, 13, 1987.	1.1	22
5	Consensus of fractional nonlinear dynamics stochastic operators for multi-agent systems. Information Fusion, 2018, 44, 1-21.	11.7	16
6	An overview of the consensus problem in the control of multi-agent systems. Automatika, 2018, 59, 143-157.	1.2	14
7	Optimizing Skyline Query Processing in Incomplete Data. IEEE Access, 2019, 7, 178121-178138.	2.6	13
8	Dynamics of doubly stochastic quadratic operators on a finite-dimensional simplex. Open Mathematics, 2016, 14, 509-519.	0.5	12
9	Linear and nonlinear stochastic distribution for consensus problem in multi-agent systems. Neural Computing and Applications, 2020, 32, 261-277.	3.2	12
10	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
11	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
12	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
13	Novel Algorithm for Mobile Robot Path Planning in Constrained Environment. Computers, Materials and Continua, 2022, 71, 2697-2719.	1.5	9
14	Reach a nonlinear consensus for MAS via doubly stochastic quadratic operators. International Journal of Control, 2018, 91, 1431-1459.	1.2	8
15	Dynamics Classifications of Extreme Doubly Stochastic Quadratic Operators on 2D Simplex. Lecture Notes in Electrical Engineering, 2016, , 323-335.	0.3	7
16	A Model for Processing Skyline Queries in Crowd-sourced Databases. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 798.	0.7	7
17	The Extreme Doubly Stochastic Quadratic Operators on Two Dimensional Simplex. , 2015, , .		6
18	The nonlinear limit control of EDSQOs on finite dimensional simplex. Automatika, 2019, 60, 404-412.	1.2	6

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19	Nonlinear Consensus Protocol Modified from Doubly Stochastic Quadratic Operators in Networks of Dynamic Agents. Symmetry, 2019, 11, 1519.	1.1	6
20	Skyline Queries Computation on Crowdsourced- Enabled Incomplete Database. IEEE Access, 2020, 8, 106660-106689.	2.6	6
21	Body Language Analysis in Healthcare: An Overview. Healthcare (Switzerland), 2022, 10, 1251.	1.0	6
22	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
23	Generative Power and Closure Properties of Watson-Crick Grammars. Applied Computational Intelligence and Soft Computing, 2016, 2016, 1-12.	1.6	4
24	Capacity Bounded Grammars and Petri Nets. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 3, 193-203.	0.8	4
25	An Evaluation Model for Software Reuse Processes. Communications in Computer and Information Science, 2011, , 586-599.	0.4	4
26	Application of Transfer Learning for Fruits and Vegetable Quality Assessment. , 2020, , .		4
27	Hand Gesture Recognition Methods and Applications: A Literature Survey. , 2021, , .		4
28	Language classes generated by tree controlled grammars with bounded nonterminal complexity. Theoretical Computer Science, 2012, 449, 134-144.	0.5	3
29	Closure properties of Watson-Crick grammars. AIP Conference Proceedings, 2015, , .	0.3	3
30	The convergence consensus of multi-agent systems controlled via doubly stochastic quadratic operators. , 2015, , .		3
31	Probabilistic sticker systems. Malaysian Journal of Fundamental and Applied Sciences, 2014, 9, .	0.4	3
32	Grammars Controlled by Petri Nets with Place Capacities. , 2010, , .		2
33	Weighted Watson-Crick automata. , 2014, , .		2
34	Probabilistic simple sticker systems. AIP Conference Proceedings, 2017, , .	0.3	2
35	Probabilistic Splicing Systems. Studies in Computational Intelligence, 2013, , 259-268.	0.7	2
36	Concurrently controlled grammars. Kybernetika, 0, , 748-764.	0.0	2

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37	Some Properties of the Concurrent Grammars. , 2014, , 223-231.		2
38	Automata representation for Abelian groups. , 2013, , .		1
39	A new variant of Petri net controlled grammars. AIP Conference Proceedings, 2015, , .	0.3	1
40	Computational Properties of Watson-Crick Context-Free Grammars. , 2015, , .		1
41	Watson–Crick Context-Free Grammars: Grammar Simplifications and a Parsing Algorithm. Computer Journal, 2018, 61, 1361-1373.	1.5	1
42	Generation of elementary gates and Bell's states using controlled adiabatic evolutions. International Journal of Quantum Information, 2019, 17, 1950020.	0.6	1
43	Static Watson-Crick Context-Free Grammars. International Journal of Online and Biomedical Engineering, 2019, 15, 65.	0.9	1
44	Closure properties of static Watson-Crick linear and context-free grammars. AIP Conference Proceedings, 2020, , .	0.3	1
45	A Novel Stream Cipher Based on Nondeterministic Finite Automata. , 2016, , .		1
46	Probabilistic Semi–Simple Splicing System and Its Characteristics. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	1
47	Fuzzy Splicing Systems. Lecture Notes in Computer Science, 2014, , 20-29.	1.0	1
48	Some characteristics of probabilistic one-sided splicing systems. , 2013, , .		0
49	Automata for subgroups. , 2014, , .		0
50	The generative power of weighted one-sided and regular sticker systems. , 2014, , .		0
51	Probabilistic simple splicing systems. , 2014, , .		0
52	Watson-Crick Petri net languages with finite sets of final markings. , 2014, , .		0
53	Watson-Crick Petri net languages: The effect of labeling strategies. , 2014, , .		0
54	The properties of probabilistic simple regular sticker system. AIP Conference Proceedings, 2015, , .	0.3	0

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55	Some characteristics on the generative power of weighted one-sided splicing systems. AIP Conference Proceedings, 2015, , .	0.3	0
56	Parallel firing strategy on Petri nets: A review. AIP Conference Proceedings, 2015, , .	0.3	0
57	The generative capacity of weighted simple and semi-simple splicing systems. AIP Conference Proceedings, 2016, , .	0.3	0
58	Generating finite cyclic and dihedral groups using sequential insertion systems with interactions. AIP Conference Proceedings, 2017, , .	0.3	0
59	Closure properties of Watson-Crick Petri net. AIP Conference Proceedings, 2018, , .	0.3	0
60	The characteristics of simple splicing languages over permutation groups. AIP Conference Proceedings, 2020, , .	0.3	0
61	Binary Context-Free Grammars. Symmetry, 2020, 12, 1209.	1.1	0
62	The Properties of Semi-Simple Splicing System Over Alternating Group, A_3. Journal of Physics: Conference Series, 2021, 1770, 012001.	0.3	0
63	Nonterminal Complexity of Weakly Conditional Grammars. Lecture Notes in Computer Science, 2014, , 53-62.	1.0	0
64	Languages of Watson-Crick Petri Net. Jurnal Teknologi (Sciences and Engineering), 2014, 70, .	0.3	0
65	Context-Free Petri Net Controlled Grammars under Parallel Firing Strategy. Applied Mathematics and Information Sciences, 2016, 10, 1757-1762.	0.7	0
66	Place-labelled Petri net controlled grammars. ScienceAsia, 2017, 43S, 9.	0.2	0
67	Multiset Controlled Grammars: A Simple Method in Regulated Rewriting Theory. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 36.	0.7	0
68	State machine of place-labelled petri net controlled grammars. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 649-653.	0.4	0
69	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