

# Kuruge Darshana Abeyrathna

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9487116/publications.pdf>

Version: 2024-02-01

11  
papers

73  
citations

1937685

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h-index

1720034

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	The regression Tsetlin machine: a novel approach to interpretable nonlinear regression. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190165.	3.4	20
2	Extending the Tsetlin Machine With Integer-Weighted Clauses for Increased Interpretability. IEEE Access, 2021, 9, 8233-8248.	4.2	15
3	A Scheme for Continuous Input to the Tsetlin Machine with Applications to Forecasting Disease Outbreaks. Lecture Notes in Computer Science, 2019, , 564-578.	1.3	15
4	Hybrid Particle Swarm Optimization With Genetic Algorithm to Train Artificial Neural Networks for Short-Term Load Forecasting. International Journal of Swarm Intelligence Research, 2019, 10, 1-14.	0.7	11
5	A Novel Multi-step Finite-State Automaton for Arbitrarily Deterministic Tsetlin Machine Learning. Lecture Notes in Computer Science, 2020, , 108-122.	1.3	4
6	On Obtaining Classification Confidence, Ranked Predictions and AUC with Tsetlin Machines. , 2020, , .		4
7	Intrusion Detection with Interpretable Rules Generated Using the Tsetlin Machine. , 2020, , .		2
8	Public Transport Passenger Count Forecasting in Pandemic Scenarios Using Regression Tsetlin Machine. Case Study of Agder, Norway. Smart Innovation, Systems and Technologies, 2021, , 27-37.	0.6	1
9	A <sc>multiâ€step finiteâ€state</sc> automaton for arbitrarily deterministic Tsetlin Machine learning. Expert Systems, 2023, 40, .	4.5	1
10	Adaptive Sparse Representation of Continuous Input for Tsetlin Machines Based on Stochastic Searching on the Line. Electronics (Switzerland), 2021, 10, 2107.	3.1	0
11	Hybrid Particle Swarm Optimization With Genetic Algorithm to Train Artificial Neural Networks for Short-Term Load Forecasting. , 2022, , 227-241.		0