

# Stephen J Verzi

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

388  
citations

1162889

8  
h-index

887953

17  
g-index

32  
all docs

32  
docs citations

32  
times ranked

457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feedback density and causal complexity of simulation model structure. Journal of Simulation, 2023, 17, 229-239.	1.0	3
2	A Theoretical Approach for Reliability Within Information Supply Chains With Cycles and Negations. IEEE Transactions on Reliability, 2022, 71, 404-414.	3.5	1
3	Using Reinforcement Learning to Increase Grid Security Under Contingency Conditions. , 2022, , .		0
4	Threat Data Generation for Space Systems. , 2021, , .		1
5	Malware Generation with Specific Behaviors to Improve Machine Learning-based Detection. , 2021, , .		1
6	Training deep neural networks for binary communication with the Whetstone method. Nature Machine Intelligence, 2019, 1, 86-94.	8.3	67
7	Potential Public Health Effects of Reducing Nicotine Levels in Cigarettes in the United States. New England Journal of Medicine, 2018, 378, 1725-1733.	13.9	131
8	Computing with Spikes: The Advantage of Fine-Grained Timing. Neural Computation, 2018, 30, 2660-2690.	1.3	15
9	Neural-Inspired Anomaly Detection. Springer Proceedings in Complexity, 2018, , 202-209.	0.2	1
10	Optimization-based computation with spiking neurons. , 2017, , .		6
11	A Spike-Timing Neuromorphic Architecture. , 2017, , .		5
12	Overcoming the Static Learning Bottleneck - the need for adaptive neural learning. , 2016, , .		0
13	Quantifying neural information content: A case study of the impact of hippocampal adult neurogenesis. , 2016, , .		5
14	Modeling the benefits (or detriments) of increased automation in electric power grid operations: Methodology and experiments. Electricity Journal, 2016, 29, 23-26.	1.3	3
15	Modeling Evacuation of a Hospital without Electric Power. Prehospital and Disaster Medicine, 2015, 30, 279-287.	0.7	10
16	Modeling Hospitals' Adaptive Capacity during a Loss of Infrastructure Services. Journal of Healthcare Engineering, 2015, 6, 85-120.	1.1	28
17	MapReduce SVM Game. Procedia Computer Science, 2015, 53, 298-307.	1.2	1
18	Simulating smoking behaviors based on cognition-determined, opinion-based system dynamics. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Modeling the Potential Effects of New Tobacco Products and Policies: A Dynamic Population Model for Multiple Product Use and Harm. PLoS ONE, 2015, 10, e0121008.	1.1	49
20	Repeated play of the SVM game as a means of adaptive classification. , 2015, , .		4
21	Adult Neurogenesis: Implications on Human And Computational Decision Making. Lecture Notes in Computer Science, 2013, , 531-540.	1.0	1
22	Game theoretic mechanism design applied to machine learning classification. , 2012, , .		2
23	A multi-modal network architecture for knowledge discovery. Security Informatics, 2012, 1, .	2.5	2
24	The Impact of Attitude Resolve on Population Wide Attitude Change. Lecture Notes in Computer Science, 2012, , 322-330.	1.0	0
25	A neurophysiologically inspired hippocampus based associative-ART Artificial neural network architecture. , 2011, , .		0
26	An information-theoretic, vector-space-model approach to cross-language information retrieval. Natural Language Engineering, 2011, 17, 37-70.	2.1	14
27	Optical holography as an analogue for a neural reuse mechanism. Behavioral and Brain Sciences, 2010, 33, 291-292.	0.4	1
28	Preparing for the aftermath: Using emotional agents in game-based training for disaster response. , 2008, , .		8
29	Boosted ARTMAP: Modifications to fuzzy ARTMAP motivated by boosting theory. Neural Networks, 2006, 19, 446-468.	3.3	17
30	Fuzzy Set Methods for Assessing Uncertainty in the Modeling and Control of Space Structures. Journal of Intelligent and Fuzzy Systems, 1993, 1, 135-155.	0.8	1