J David Schaffer

List of Publications by Year
in descending order

18	993	1478505 6	1199594 12
papers	citations	h-index	g-index

18	18	18	645
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards an Automatic Speech-Based Diagnostic Test for Alzheimerâ€™s Disease. Frontiers in Computer Science, 2021, 3, .	2.8	6
2	Machine Intelligence Mixture of Experts and Bayesian Networks. , 2020, , 211-248.		0
3	Initial Experiments Evolving Spiking Neural Networks with Supervised Learning Capability. Procedia Computer Science, 2017, 114, 184-191.	2.0	2
4	Predicting with Confidence: Classifiers that Know What They Donâ€™t Know. Procedia Computer Science, 2017, 114, 200-207.	2.0	3
5	The Uncertainty Area Metric: a Method for Comparing Learning Machines on What They Donâ€™t Know. Procedia Computer Science, 2017, 114, 192-199.	2.0	2
6	A Machine Intelligence Designed Bayesian Network Applied to Alzheimer's Detection Using Demographics and Speech Data. Procedia Computer Science, 2016, 95, 168-174.	2.0	7
7	Automated analysis of food-borne pathogens using a novel microbial cell culture, sensing and classification system. Analyst, The, 2016, 141, 1472-1482.	3.5	6
8	Predicting with Confidence: Extensions to the GRNN Oracle Enabling Quantification of Confidence in Predictions. Procedia Computer Science, 2015, 61, 381-387.	2.0	2
9	Evolving spiking neural networks: a novel growth algorithm exhibits unintelligent design. , 2015, , .		1
10	Evolving spiking neural networks: A novel growth algorithm corrects the teacher. , 2015, , .		5
11	A tale of three bio-inspired computational approaches. Proceedings of SPIE, 2014, , .	0.8	0
12	Evolving Spike Neural Network Sensors to Characterize the Alcoholic Brain Using Visually Evoked Response Potential. Procedia Computer Science, 2013, 20, 27-32.	2.0	6
13	Taste-Specific Cell Assemblies in a Biologically Informed Model of the Nucleus of the Solitary Tract. Journal of Neurophysiology, 2010, 104, 4-17.	1.8	8
14	A series of failed and partially successful fitness functions for evolving spiking neural networks. , 2009, , .		5
15	Evolutionary Computation in Practice. , 1997, , .		0
16	Productive Recombination and Propagating and Preserving Schemata. Foundations of Genetic Algorithms, 1995, , 299-313.	0.6	8
17	Real-Coded Genetic Algorithms and Interval-Schemata. Foundations of Genetic Algorithms, 1993, , 187-202.	0.6	885
18	Spurious Correlations and Premature Convergence in Genetic Algorithms. Foundations of Genetic Algorithms, 1991, 1, 102-112.	0.6	47