Tom Schaul

List of Publications by Year
in descending order

20 papers	**664** citations	1478505 **6** h-index	1474206 **9** g-index
22 all docs	**22** docs citations	**22** times ranked	**413** citing authors

#	Article	IF	Citations
1	Natural Evolution Strategies. , 2008, , .		171
2	AI for social good: unlocking the opportunity for positive impact. Nature Communications, 2020, 11, 2468.	12.8	111
3	Exponential natural evolution strategies. , 2010, , .		101
4	High dimensions and heavy tails for natural evolution strategies. , 2011, , .		55
5	Efficient natural evolution strategies. , 2009, , .		49
6	Exploring Parameter Space in Reinforcement Learning. Paladyn, 2010, 1, 14-24.	2.7	41
7	Stochastic search using the natural gradient. , 2009, , .		39
8	Meta-learning by the Baldwin effect. , 2018, , .		11
9	A linear time natural evolution strategy for non-separable functions. , 2013, , .		10
10	A Natural Evolution Strategy for Multi-objective Optimization. , 2010, , 627-636.		9
11	Towards Practical Universal Search. , 2010, , .		8
12	Assessment of neural networks training strategies for histomorphometric analysis of synchrotron radiation medical images. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 662-669.	1.6	7
13	Curiosity-driven optimization. , 2011, , .		6
14	Countering Poisonous Inputs with Memetic Neuroevolution. Lecture Notes in Computer Science, 2008, , 610-619.	1.3	6
15	Coherence Progress: A Measure of Interestingness Based on Fixed Compressors. Lecture Notes in Computer Science, 2011, , 21-30.	1.3	6
16	Multi-Dimensional Deep Memory Atari-Go Players for Parameter Exploring Policy Gradients. Lecture Notes in Computer Science, 2010, , 114-123.	1.3	5
17	Scalable Neural Networks for Board Games. Lecture Notes in Computer Science, 2009, , 1005-1014.	1.3	5
18	A scalable neural network architecture for board games. , 2008, , .		4

#	ARTICLE	IF	CITATIONS
19	Meta-learning by the baldwin effect. , 2018, , .		4
20	Frontier Search. , 2010, , .		1