Alexander P Turner

List of Publications by Year
in descending order

18 papers	261 citations	1307594 7 h-index	1125743 13 g-index
18 all docs	18 docs citations	18 times ranked	425 citing authors

#	Article	IF	Citations
1	Stochasticity Improves Evolvability in Artificial Gene Regulatory Networks. Advances in Intelligent Systems and Computing, 2022, , 83-94.	0.6	0
2	Environmental temperatures shape thermal physiology as well as diversification and genome-wide substitution rates in lizards. Nature Communications, 2019, 10, 4077.	12.8	89
3	The Classification of Minor Gait Alterations Using Wearable Sensors and Deep Learning. IEEE Transactions on Biomedical Engineering, 2019, 66, 3136-3145.	4.2	37
4	Evolutionary Constraint in Artificial Gene Regulatory Networks. Advances in Intelligent Systems and Computing, 2019, , 29-40.	0.6	1
5	Evolutionary acquisition of complex traits in artificial epigenetic networks. BioSystems, 2019, 176, 17-26.	2.0	0
6	Artificial Epigenetic Networks: Automatic Decomposition of Dynamical Control Tasks Using Topological Self-Modification. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 218-230.	11.3	12
7	Deep Text Generation â€“ Using Hierarchical Decomposition to Mitigate the Effect of Rare Data Points. Lecture Notes in Computer Science, 2017, , 290-298.	1.3	2
8	Using epigenetic networks for the analysis of movement associated with levodopa therapy for Parkinson's disease. BioSystems, 2016, 146, 35-42.	2.0	5
9	Modelling Epigenetic Mechanisms to Capture Dynamical Topological Morphology: Applications in Edge Detection. , 2015, , .		1
10	Evolving Efficient Solutions to Complex Problems Using the Artificial Epigenetic Network. Lecture Notes in Computer Science, 2015, , 153-165.	1.3	2
11	The incorporation of epigenetics in artificial gene regulatory networks. BioSystems, 2013, 112, 56-62.	2.0	19
12	Biochemical connectionism. Natural Computing, 2013, 12, 453-472.	3.0	10
13	Adaptive robotic gait control using coupled artificial signalling networks, hopf oscillators and inverse kinematics. , 2013, , .		8
14	Computational models of signalling networks for non-linear control. BioSystems, 2013, 112, 122-130.	2.0	7
15	The artificial epigenetic network. , 2013, , .		9
16	Evolved Artificial Signalling Networks for the Control of a Conservative Complex Dynamical System. Lecture Notes in Computer Science, 2012, , 38-49.	1.3	3
17	Using Artificial Epigenetic Regulatory Networks to Control Complex Tasks within Chaotic Systems. Lecture Notes in Computer Science, 2012, , 1-11.	1.3	7
18	Complex habitat boosts scallop recruitment in a fully protected marine reserve. Marine Biology, 2011, 158, 1767-1780.	1.5	49