

Alexander P Turner

List of Publications by Year in descending order

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Version: 2024-02-01

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