Michael J Watts

List of Publications by Year
in descending order

16 papers	410 citations	1040056 9 h-index	1199594 12 g-index
17 all docs	17 docs citations	17 times ranked	523 citing authors

#	Article	IF	Citations
1	FuNN/2â€"A fuzzy neural network architecture for adaptive learning and knowledge acquisition. Information Sciences, 1997, 101, 155-175.	6.9	89
2	A Decade of Kasabov's Evolving Connectionist Systems: A Review. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2009, 39, 253-269.	2.9	69
3	Strengthening forecasts of climate change impacts with multiâ€model ensemble averaged projections using MAGICC/SCENGEN 5.3. Ecography, 2012, 35, 4-8.	4.5	57
4	Managed relocation as an adaptation strategy for mitigating climate change threats to the persistence of an endangered lizard. Global Change Biology, 2012, 18, 2743-2755.	9.5	50
5	Using artificial neural networks to determine the relative contribution of abiotic factors influencing the establishment of insect pest species. Ecological Informatics, 2008, 3, 64-74.	5.2	35
6	Estimating the risk of insect species invasion: Kohonen self-organising maps versus k-means clustering. Ecological Modelling, 2009, 220, 821-829.	2.5	27
7	Comparing ensemble and cascaded neural networks that combine biotic and abiotic variables to predict insect species distribution. Ecological Informatics, 2008, 3, 354-366.	5.2	23
8	Managing the longâ€term persistence of a rare cockatoo under climate change. Journal of Applied Ecology, 2012, 49, 785-794.	4.0	22
9	Predicting the Risk of Biological Invasions Using Environmental Similarity and Transport Network Connectedness. Risk Analysis, 2019, 39, 35-53.	2.7	12
10	Evolutionary optimisation of evolving connectionist systems. , 0, , .		6
11	Dynamic optimisation of evolving connectionist system training parameters by pseudo-evolution strategy. , 0, , .		4
12	A Kohonen self-organizing map for the functional classification of proteins based on one-dimensional sequence information. , 0, , .		4
13	Predicting the Distribution of Fungal Crop Diseases from Abiotic and Biotic Factors Using Multi-Layer Perceptrons. Lecture Notes in Computer Science, 2009, , 901-908.	1.3	4
14	FUZZY RULE EXTRACTION FROM SIMPLE EVOLVING CONNECTIONIST SYSTEMS. International Journal of Computational Intelligence and Applications, 2004, 04, 299-308.	0.8	3
15	Evolutionary optimisation of MLP for modelling protein synthesis termination signal efficiency. , 0, , .		1
16	Using Multi-Layer Perceptrons to predict the presence of jellyfish of the genus Physalia at New Zealand beaches. , 2008, , .		1