Ian T Nabney

List of Publications by Year
in descending order

23 papers	**283** citations	1163117 **8** h-index	1058476 **14** g-index
23 all docs	**23** docs citations	**23** times ranked	**289** citing authors

#	Article	IF	Citations
1	Visualization of Molecular Fingerprints. Journal of Chemical Information and Modeling, 2011, 51, 1552-1563.	5.4	59
2	Data Visualization during the Early Stages of Drug Discovery. Journal of Chemical Information and Modeling, 2006, 46, 1806-1818.	5.4	50
3	Increased Diversity of <i>Libraries from Libraries</i>: Chemoinformatic Analysis of Bisâ€Diazacyclic Libraries. Chemical Biology and Drug Design, 2011, 77, 328-342.	3.2	30
4	Nonlinear Prediction of Quantitative Structureâˆ'Activity Relationships. Journal of Chemical Information and Computer Sciences, 2004, 44, 1647-1653.	2.8	23
5	Outlier detection in scatterometer data: neural network approaches. Neural Networks, 2003, 16, 419-426.	5.9	17
6	Improved neural network scatterometer forward models. Journal of Geophysical Research, 2001, 106, 22331-22338.	3.3	16
7	Structured neural network modelling of multi-valued functions for wind vector retrieval from satellite scatterometer measurements. Neurocomputing, 2000, 30, 23-30.	5.9	11
8	Data Visualization with Simultaneous Feature Selection. , 2006, , .		9
9	Using Bayesian neural networks with ARD input selection to detect malignant ovarian masses prior to surgery. Neural Computing and Applications, 2008, 17, 489-500.	5.6	9
10	Modeling Conditional Probability Distributions for Periodic Variables. Neural Computation, 1996, 8, 1123-1133.	2.2	8
11	Modelling Frontal Discontinuities in Wind Fields. Journal of Nonparametric Statistics, 2002, 14, 43-58.	0.9	8
12	The Mosaic Test: measuring the effectiveness of colour-based image retrieval. Multimedia Tools and Applications, 2013, 64, 695-716.	3.9	8
13	Bayesian inference for wind field retrieval. Neurocomputing, 2000, 30, 3-11.	5.9	7
14	A scatterometer neural network sensor model with input noise. Neurocomputing, 2000, 30, 13-21.	5.9	7
15	Combining the Wavelet Transform and Forecasting Models to Predict Gas Forward Prices. , 2008, , .		7
16	Visual data mining using principled projection algorithms and information visualization techniques. , 2006, , .		5
17	Scrutinizing human MHC polymorphism: Supertype analysis using Poisson-Boltzmann electrostatics and clustering. Journal of Molecular Graphics and Modelling, 2017, 77, 130-136.	2.4	4
18	Energy forward price prediction with a hybrid adaptive model. , 2009, , .		3

#	Article	IF	Citations
19	Assessing the Effectiveness of Bayesian Feature Selection. , 2005, , 371-389.		1
20	Helicopter vibration sensor selection using data visualisation. , 2012, , .		1
21	Nonlinear Prediction of Quantitative Structureâ€"Activity Relationships.. ChemInform, 2004, 35, no.	0.0	0
22	Variational inference for Student-t MLP models. Neurocomputing, 2010, 73, 2989-2997.	5.9	0
23	Modeling Wind Direction from Satellite Scatterometer Data. , 1998, , 295-301.		0