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TITLE	CITED BY	YEAR
Foundations of neural networks, fuzzy systems, and knowledge engineering NK Kasabov Marcel Alencar	1375	1996
DENFIS: dynamic evolving neural-fuzzy inference system and its application for time series prediction N Kasabov, Q Song IEEE	1206	2002
Evolving connectionist systems: the knowledge engineering approach NK Kasabov Springer Science & Business Media	710 *	2007
Evolving fuzzy neural networks for supervised/unsupervised online knowledge-based learning N Kasabov IEEE Transactions on Systems, Man, and Cybernetics, Part B (Cybernetics) 31	477	2001
HyFIS: adaptive neuro-fuzzy inference systems and their application to nonlinear dynamical systems J Kim, N Kasabov Neural Networks 12 (9), 1301-1319	352	1999
Incremental linear discriminant analysis for classification of data streams S Pang, S Ozawa, N Kasabov IEEE transactions on Systems, Man, and Cybernetics, part B (Cybernetics) 35	298	2005
Evolving fuzzy neural networks-algorithms, applications and biological motivation N Kasabov Methodologies for the conception, design and application of soft computing	236	1998
Dynamic evolving spiking neural networks for on-line spatio-and spectro-temporal pattern recognition N Kasabov, K Dhoble, N Nuntalid, G Indiveri Neural Networks 41, 188-201	230	2013
Learning fuzzy rules and approximate reasoning in fuzzy neural networks and hybrid systems	191	1996

TITLE	CITED BY	YEAR
NK Kasabov Fuzzy sets and Systems 82 (2), 135-149		
NeuCube: A spiking neural network architecture for mapping, learning and understanding of spatio-temporal brain data NK Kasabov Neural Networks 52, 62-76	184	2014
FuNN/2—a fuzzy neural network architecture for adaptive learning and knowledge acquisition NK Kasabov, J Kim, MJ Watts, AR Gray Information sciences 101 (3-4), 155-175	169	1997
Span: Spike pattern association neuron for learning spatio- temporal spike patterns A Mohemmed, S Schliebs, S Matsuda, N Kasabov International journal of neural systems 22 (04), 1250012	160	2012
Quantum-inspired evolutionary algorithm: a multimodel EDA MD Platel, S Schliebs, N Kasabov IEEE Transactions on Evolutionary Computation 13 (6), 1218-1232	156	2009
To spike or not to spike: A probabilistic spiking neuron model N Kasabov Neural Networks 23 (1), 16-19	134	2010
Multiple gene expression classifiers from different array platform predict poor prognosis of colorectal cancer YH Lin, J Friederichs, MA Black, J Mages, R Rosenberg, PJ Guilford, Clinical Cancer Research 13 (2), 498-507	ns 129	2007
On-line pattern analysis by evolving self-organizing maps D Deng, N Kasabov Neurocomputing 51, 87-103	124	2003
Incremental learning of chunk data for online pattern classification systems S Ozawa, S Pang, N Kasabov IEEE Transactions on Neural Networks 19 (6), 1061-1074	119	2008
Foundations of neural networks NK Kasabov Fuzzy Systems, and Knowledge Engineering 1, 1-3	115	1996
ECOS: Evolving Connectionist Systems and the ECO Learning Paradigm.  NK Kasabov Iconip 98, 1232-1235	110	1998
Evolving spiking neural networks for audiovisual information processing SG Wysoski, L Benuskova, N Kasabov Neural Networks 23 (7), 819-835	109	2010