

TWELVE MOST CITED PUBLICATIONS (as of January 30, 2016)

also see [public profile on Google Scholar](#)

Google Scholar's Citations:

Total Citations 9195, h-index = 31. Since 2011 Total Citations 3231, h-index = 22

[1] J.M. Zurada, Introduction to Artificial Neural Systems, West: St. Paul, MN, 1992.

Times Cited by ISI Web of Knowledge: 1299

Times Cited by Google Scholar: 3658

[2] P. Estévez, M. Tesmer, C. Perez, J.M. Zurada, "Normalized mutual information feature selection" IEEE Transactions on Neural Networks, 20 (2), 2009, pp. 189-201

Times Cited by ISI Web of Knowledge: 100

Times Cited by Google Scholar: 337

[3] M.P. Wachowiak, R. Smolikova, Y.F. Zheng, J.M. Zurada, A.S. Elmaghraby, "An Approach Multimodal Biomedical Image Registration Utilizing Particle Swarm Optimization", IEEE Trans. Evolutionary Computation, vol. 8, no. 3, pp. 289-301, June 2004

Times Cited by ISI Web of Knowledge: 138

Times Cited by Google Scholar: 328

[4] M.A. Mazurowski, P.A. Habas, J.M. Zurada, J.Y. Lo, J.A. Baker, G.D. Tourassi, "Training neural network classifiers for medical decision making: The effects of imbalanced datasets on classification performance", Neural Networks, 21 (2), 2008, pp. 427-436

Times Cited by ISI Web of Knowledge: 117

Times Cited by Google Scholar: 260

[5] S. Jankowski, A. Lozowski, and J. M. Zurada, "Complex-valued multistate neural associative memory," IEEE Trans. Neural Networks, vol. 7, no. 6, pp. 1491-1496, November 1996.

Times Cited by ISI Web of Knowledge: 117

Times Cited by Google Scholar: 254

[6] Y. M. Kadah, A. A. Farag, J. M. Zurada, A. Youssef, and A. Badawi, "Classification algorithms for quantitative tissue characterization of diffuse liver disease from ultrasound images," IEEE Trans. Medical Imaging, vol. 15, no. 4, pp. 466-478, August 1996.

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[7] R. Setiono, W. K. Leow, and J. M. Zurada, "Extraction of rules from artificial neural networks for nonlinear regression," IEEE Trans. Neural Networks, vol. 13, no. 3, pp. 564-577, May 2002.

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Times Cited by ISI Web of Knowledge: 87

Times Cited by Google Scholar: 190

[9] I. Cloete and J. M. Zurada, "Knowledge-based Neurocomputing", MIT Press: Cambridge, MA, 2000.

Times Cited by ISI Web of Knowledge: 58

Times Cited by Google Scholar: 151

[10] J. M. Zurada, A. Malinowski, and S. Usui, "Perturbation method for deleting redundant inputs of perceptron networks," Neurocomputing, vol. 14, no. 2, pp. 177-193, February 1997.

Times Cited by ISI Web of Knowledge: 88

Times Cited by Google Scholar: 140

[11] M. E. Brier, J. M. Zurada, and G. R. Aronoff, "Neural network-predicted peak and trough gentamycin concentration," Pharm. Res., vol. 12, no. 3, pp. 406-412, March 1995.

Times Cited by ISI Web of Knowledge: 62

Times Cited by Google Scholar: 87

[12] M.K. Muezzinoglu, C. Guzelis, J.M. Zurada, "A new design method for the complex-valued multistate Hopfield associative memory," IEEE Trans. Neural Networks, vol. 14, no. 4, pp. 891-899, July 2003.

Times Cited by ISI Web of Knowledge: 72

Times Cited by Google Scholar: 145