

Miron Kursa

Lista publikacji

z dnia 31 października 2014

Książki i monografie

1. Kursa MB., Wieczorkowska AA., **Multi-label Ferns for Efficient Recognition of Musical Instruments in Recordings, Foundations of Intelligent Systems, Lecture Notes in Computer Science 8502**, Andreasen T., Christiansen H., Cubero J-C., Raś Z., Springer, 2014, s. 214-223.
2. Wieczorkowska AA., Kursa MB., **A Comparison of Random Forests and Ferns on Recognition of Instruments in Jazz Recordings, Foundations of Intelligent Systems, Lecture Notes in Computer Science 7661**, Chen L., Felfernig A., Liu J., Raś Z., Springer, 2012, s. 208-217.
3. Kursa MB., Bajer K., Lipniacki T., **Vortex loops cascade as a channel of quantum turbulence decay, Journal of Physics: Conference Series**, 318(9):092028, 2011.
4. Kursa MB., Rudnicki WR., Wieczorkowska AA., **All that Jazz in the Random Forest, Foundations of Intelligent Systems, Lecture Notes in Computer Science 6804**, Kryszkiewicz M., Rybiński H., Skowron A., Raś Z., Springer, 2011, s. 543-553.
5. Wieczorkowska AA., Kursa MB., Kubera E., Rudnicki R., Rudnicki WR., **Playing in Unison in the Random Forest, Security and Intelligent Information Systems, Lecture Notes in Computer Science 7053**, Bouvry P., Kłopotek M., Leprevost F., Marciniak M., Mykowiecka A., et al., Springer, 2011, s. 226-239.
6. Kursa MB., Herman-Iżycka J., Jendrej J., Rudnicki WR., **Towards understanding protein-protein interactions: the AI approach, Emerging Intelligent Technologies in Industry, Studies in Computational Intelligence 369**, Ryżko D., Rybiński H., Gawrysiak P., Kryszkiewicz M., Springer, 2011, s. 11-20.
7. Kursa MB., Rudnicki WR., **A Deceiving Charm of Feature Selection. The Microarray Case Study, Man-Machine Interactions 2, Advances in Intelligent and Soft Computing**, Czachórski T., Kozielski S., Stańczyk U., Springer, 2011, s. 145-152.
8. Kursa MB., Komsta Ł., Rudnicki WR., **The Robust Models of Retention for Thin Layer Chromatography, Man-Machine Interactions 2, Advances in Intelligent and Soft Computing**, Czachórski T., Kozielski S., Stańczyk U., Springer, 2011, s. 169-176.
9. Kursa MB., Walkowiak S., Ligowski Ł., Rudnicki WR., **Utilising numerical weather forecast for planning electricity production in cogeneration plant, 2011 16th International Conference on Intelligent System Applications to Power Systems**, IEEE, 2011, s. 1-6.
10. Kursa MB., Kubera E., Rudnicki WR., Wieczorkowska AA., **Random Musical Bands Playing in Random Forests, Rough Sets and Current Trends in Computing, Lecture Notes in Computer Science 6086**, Szczuka M., Kryszkiewicz M., Ramanna S., Jensen R., Hu Q., Springer, 2010, s. 580-589.
11. Kursa MB., Rudnicki WR., Wieczorkowska AA., Kubik-Komar A., **Musical Instruments in Random Forest, Foundations of Intelligent Systems, Lecture Notes in Computer Science 5722**, Rauch J., Raś Z., Berka P., Elomaa T., Springer, 2009, s. 281-290.

Publikacje w czasopismach

1. Kursa MB., 2014, **Ferns: An Implementation of the Random Ferns Method for General-Purpose Machine Learning, Journal of Statistical Software** 61(10): s. 1-13
2. Kursa MB., 2014, **Robustness of Random Forest-based gene selection methods, BMC Bioinformatics** 15(1)
3. Aghaeepour N., Finak G., Dougall D., Khodabakhshi AH., Mah P., et al., 2013, **Critical assessment of automated flow cytometry data analysis techniques, Nature Methods**, 10(3): s. 228-238
4. Weirauch MT., Cote A., Norel R., Annala M., Zhao Y., et al. **Evaluation of methods for modeling transcription factor sequence specificity, Nature biotechnology**, 31: s. 126-134
5. Kursa MB., Bajer K., Lipniacki T., 2011, **Cascade of vortex loops initiated by a single reconnection of quantum vortices, Physical Review B**, 83(1): s. 014515
6. Kursa MB., Jankowski A., Rudnicki WR., 2010, **Boruta – A System for Feature Selection, Fundamenta Informaticæ**, 101(4): s. 271-285

7. Kursa MB., Rudnicki WR., 2010, ***Feature Selection with the Boruta Package***, *Journal of Statistical Software* 36(11): s. 1-13