# Wladyslaw Homenda

List of Publications by Year
in descending order

| 31 | 587 | 1307366 | 1125617 |
|---|---|---|---|
| papers | citations | 7 | 13 |
| | | h-index | g-index |

| 43 | 43 | 43 | 427 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Building the fundamentals of granular computing: A principle of justifiable granularity. Applied Soft Computing Journal, 2013, 13, 4209-4218. | 4.1 | 296 |
| 2 | Design of Fuzzy Cognitive Maps for Modeling Time Series. IEEE Transactions on Fuzzy Systems, 2016, 24, 120-130. | 6.5 | 76 |
| 3 | From Fuzzy Cognitive Maps to Granular Cognitive Maps. IEEE Transactions on Fuzzy Systems, 2014, 22, 859-869. | 6.5 | 54 |
| 4 | Modeling time series with fuzzy cognitive maps. , 2014, , . | | 38 |
| 5 | Clustering techniques for Fuzzy Cognitive Map design for time series modeling. Neurocomputing, 2017, 232, 3-15. | 3.5 | 27 |
| 6 | Deterministic learning of hybrid Fuzzy Cognitive Maps and network reduction approaches. Neural Networks, 2020, 124, 258-268. | 3.3 | 19 |
| 7 | Multicriteria decision making inspired by human cognitive processes. Applied Mathematics and Computation, 2016, 290, 392-411. | 1.4 | 12 |
| 8 | Time Series Classification using Fuzzy Cognitive Maps. IEEE Transactions on Fuzzy Systems, 2019, , 1-1. | 6.5 | 8 |
| 9 | Fuzzy Cognitive Map-Driven Comprehensive Time-Series Classification. IEEE Transactions on Cybernetics, 2023, 53, 1348-1359. | 6.2 | 7 |
| 10 | Joining Concept's Based Fuzzy Cognitive Map Model with Moving Window Technique for Time Series Modeling. Lecture Notes in Computer Science, 2014, , 397-408. | 1.0 | 6 |
| 11 | Training Novel Adaptive Fuzzy Cognitive Map by Knowledge-Guidance Learning Mechanism for Large-Scale Time-Series Forecasting. IEEE Transactions on Cybernetics, 2023, 53, 4665-4676. | 6.2 | 6 |
| 12 | Global, local and embedded architectures for multiclass classification with foreign elements rejection: An overview. , 2015, , . | | 5 |
| 13 | Granular Cognitive Maps reconstruction. , 2014, , . | | 3 |
| 14 | Classification with a limited space of features: Improving quality by rejecting misclassifications. , 2014, , . | | 3 |
| 15 | A New Adaptive Fuzzy Cognitive Map-Based Forecasting Model for Time Series. , 2019, , . | | 3 |
| 16 | Information Granules and Granular Models: Selected Design Investigations. , 2020, , . | | 3 |
| 17 | BALANCED FUZZY COMPUTING UNIT. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2005, 13, 117-138. | 0.9 | 2 |
| 18 | Intelligent computing technologies in music processing for blind people. , 2010, , . | | 2 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 19 | Extension of knowledge-driven harmonization model for tonal music. , 2012, , . | | 2 |
| 20 | Unsupervised Mode of Rejection of Foreign Patterns. Applied Soft Computing Journal, 2017, 57, 615-626. | 4.1 | 2 |
| 21 | On interpretation of fuzzy cognitive maps trained to model time series. , 2014, , . | | 1 |
| 22 | Fuzzy cognitive map reconstruction - dynamics vs. History. AIP Conference Proceedings, 2015, , . | 0.3 | 1 |
| 23 | ARIMA Feature-Based Approach toÂTime Series Classification. Lecture Notes in Computer Science, 2022, , 192-199. | 1.0 | 1 |
| 24 | Modeling consumer's choice theory using fuzzy sets and their generalizations. , 2012, , . | | 0 |
| 25 | Finite automata with imperfect information as tools for accumulating information. , 2013, , . | | 0 |
| 26 | Similarities in structured spaces of sets. , 2014, , . | | 0 |
| 27 | Automatic data understanding: The tool for intelligent man-machine communication. AIP Conference Proceedings, 2015, , . | 0.3 | 0 |
| 28 | Automatic harmonization model using expert system with fuzzy knowledge and supervised learning. AIP Conference Proceedings, 2015, , . | 0.3 | 0 |
| 29 | Dealing with contaminated datasets: An approach to classifier training. AIP Conference Proceedings, 2016, , . | 0.3 | 0 |
| 30 | A Practical Study on Feature Selection Methods in Pattern Recognition: Examples of Handwritten Digits and Printed Musical Notation. , 2017, , . | | 0 |
| 31 | Multicriteria Decision Making: Scale, Polarity, Symmetry, Interpretability. , 2020, , . | | 0 |