

Zeev Vladimir Volkovich

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

260
citations

1170033

9
h-index

1181555

14
g-index

51
all docs

51
docs citations

51
times ranked

173
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Multiagent Control of Airplane Wing Stability with "Feathers" under the Flexural Torsional Flutter. Mathematics, 2022, 10, 236. | 1.1 | 1 |
| 2 | Design of a "1 New Suboptimal Fractional Delays Controller for Discrete Non-Minimum Phase System under Unknown-but-Bounded Disturbance. Mathematics, 2022, 10, 69. | 1.1 | 1 |
| 3 | A Logic-Based Approach to Incremental Reasoning on Multi-agent Systems. Springer Proceedings in Mathematics and Statistics, 2021, , 397-443. | 0.1 | 0 |
| 4 | Cluster Flows and Multiagent Technology. Mathematics, 2021, 9, 22. | 1.1 | 5 |
| 5 | A Short-Patterning of the Texts Attributed to Al Ghazali: A "Twitter Look" at the Problem. Mathematics, 2020, 8, 1937. | 1.1 | 1 |
| 6 | Entropy-Based Approach for the Detection of Changes in Arabic Newspapers' Content. Entropy, 2020, 22, 441. | 1.1 | 3 |
| 7 | Evaluating the number of different genomes in a metagenome by means of the compositional spectra approach. PLoS ONE, 2020, 15, e0237205. | 1.1 | 1 |
| 8 | Patterning of writing style evolution by means of dynamic similarity. Pattern Recognition, 2018, 77, 45-64. | 5.1 | 13 |
| 9 | Detection of Computer-Generated Papers Using One-Class SVM and Cluster Approaches. Lecture Notes in Computer Science, 2018, , 42-55. | 1.0 | 2 |
| 10 | Entropy "2" Soft Classification of Objects. Entropy, 2017, 19, 178. | 1.1 | 3 |
| 11 | Spectral profiling of writing process. , 2017, , . | | 0 |
| 12 | A Time Series Model of the Writing Process. Lecture Notes in Computer Science, 2016, , 128-142. | 1.0 | 2 |
| 13 | Text Classification Using a Novel Time Series based Methodology. Procedia Computer Science, 2016, 96, 53-62. | 1.2 | 2 |
| 14 | Literary writing style recognition via a minimal spanning tree-based approach. Expert Systems With Applications, 2016, 61, 145-153. | 4.4 | 9 |
| 15 | Modeling and visualization of media in Arabic. Journal of Informetrics, 2016, 10, 439-453. | 1.4 | 7 |
| 16 | Automatic Definition of Optimal Default Parameters of Models: Image Matting Application. , 2015, , . | | 0 |
| 17 | Incremental Reasoning on Strongly Distributed Multi-agent Systems. , 2015, , . | | 4 |
| 18 | An Iterative Projective Clustering Method. Procedia Computer Science, 2015, 60, 122-130. | 1.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Writing style determination using the KNN text model. , 2015, , . | | 2 |
| 20 | Randomized Algorithms in Automatic Control and Data Mining. Intelligent Systems Reference Library, 2015, , . | 1.0 | 40 |
| 21 | Stochastic Model for Medical Image Segmentation. , 2014, , . | | 0 |
| 22 | Detecting Non-Uniform Clusters in Large-Scale Interaction Graphs. Journal of Computational Biology, 2014, 21, 173-183. | 0.8 | 2 |
| 23 | Effective optimization with weighted automata on decomposable trees. Optimization, 2014, 63, 109-127. | 1.0 | 6 |
| 24 | Application of a K-Ladder Connectivity Algorithm for Clustering of Protein Evolutionary Network. International Journal of Modeling and Optimization, 2014, 4, 367-374. | 0.4 | 0 |
| 25 | Hidden ancient repeats in DNA: Mapping and quantification. Gene, 2013, 528, 282-287. | 1.0 | 3 |
| 26 | A Systematic Approach to Computations on Decomposable Graphs. , 2013, , . | | 3 |
| 27 | A binomial noised model for cluster validation. Journal of Intelligent and Fuzzy Systems, 2013, 24, 417-427. | 0.8 | 1 |
| 28 | Trade-Offs in Social and Behavioral Modeling in Mobile Networks. Lecture Notes in Computer Science, 2013, , 412-423. | 1.0 | 7 |
| 29 | An Approach to Model Selection in Spectral Clustering with Application to the Writing Style Determination Problem. Communications in Computer and Information Science, 2013, , 19-36. | 0.4 | 0 |
| 30 | Fast algorithm for finding true number of clusters. applications to control systems. , 2012, , . | | 2 |
| 31 | On an adjacency cluster merit approach. International Journal of Operational Research, 2012, 13, 239. | 0.1 | 1 |
| 32 | Multiple levels of meaning in DNA sequences, and one more. Annals of the New York Academy of Sciences, 2012, 1267, 35-38. | 1.8 | 12 |
| 33 | Robust classifying of prokaryotic genomes. Computational Biology and Chemistry, 2012, 40, 20-29. | 1.1 | 4 |
| 34 | Necessary conditions for the confidence level of the randomized algorithm of finding the true number of clusters. , 2011, , . | | 0 |
| 35 | Resampling approach for cluster model selection. Machine Learning, 2011, 85, 209-248. | 3.4 | 10 |
| 36 | Nucleosome Positioning Patterns Derived from Human Apoptotic Nucleosomes. Journal of Biomolecular Structure and Dynamics, 2011, 29, 577-583. | 2.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | On Application of a Probabilistic K -Nearest Neighbors Model for Cluster Validation Problem. Communications in Statistics - Theory and Methods, 2011, 40, 2997-3010. | 0.6 | 2 |
| 38 | A linguistic approach to classification of bacterial genomes. Pattern Recognition, 2010, 43, 1083-1093. | 5.1 | 1 |
| 39 | Genome Clustering. Studies in Computational Intelligence, 2010, , . | 0.7 | 9 |
| 40 | ON AN ADJACENCY CLUSTER MERIT. , 2010, , . | | 0 |
| 41 | CLUSTER STABILITY ESTIMATION BASED ON A MINIMAL SPANNING TREES APPROACH. , 2009, , . | | 4 |
| 42 | Energy-Efficient Circular Sector Sensing Coverage Model for Wireless Sensor Networks. , 2009, , . | | 7 |
| 43 | Prokaryote clustering based on DNA curvature distributions. Discrete Applied Mathematics, 2009, 157, 2378-2387. | 0.5 | 5 |
| 44 | On a Minimal Spanning Tree Approach in the Cluster Validation Problem. Informatica, 2009, 20, 187-202. | 1.5 | 23 |
| 45 | Energy-Efficient Predictive Jamming Holes Detection Protocol for Wireless Sensor Networks. , 2008, , . | | 0 |
| 46 | Testing randomness via aperiodic words. Journal of Statistical Computation and Simulation, 2008, 78, 1133-1144. | 0.7 | 2 |
| 47 | Different Clustering of Genomes Across Life Using the A-T-C-G and Degenerate R-Y Alphabets: Early and Late Signaling on Genome Evolution?. Journal of Molecular Evolution, 2007, 64, 448-456. | 0.8 | 14 |
| 48 | The method of n -grams in large-scale clustering of DNA texts. Pattern Recognition, 2005, 38, 1902-1912. | 5.1 | 27 |
| 49 | Large-scale genome clustering across life based on a linguistic approach. BioSystems, 2005, 81, 208-222. | 0.9 | 11 |
| 50 | Application of N-Gram Based Distances to Genetic Texts Comparison. Biosemiotics, 0, , 1. | 0.8 | 0 |