

Peyman Tavallali

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

286
citations

933447

10
h-index

1058476

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all docs

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docs citations

14
times ranked

290
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An EM-based optimization of synthetic reduced nearest neighbor model towards multiple modalities representation with human interpretability. <i>Multimedia Tools and Applications</i> , 2022, 81, 41697-41710. | 3.9 | 2 |
| 2 | K-means tree: an optimal clustering tree for unsupervised learning. <i>Journal of Supercomputing</i> , 2021, 77, 5239-5266. | 3.6 | 22 |
| 3 | Applying Satellite Observations of Tropical Cyclone Internal Structures to Rapid Intensification Forecast With Machine Learning. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089102. | 4.0 | 40 |
| 4 | Optimization of Hierarchical Regression Model with Application to Optimizing Multi-Response Regression K-ary Trees. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 5133-5142. | 4.9 | 2 |
| 5 | Artificial Intelligence Estimation of Carotid-Femoral Pulse Wave Velocity using Carotid Waveform. <i>Scientific Reports</i> , 2018, 8, 1014. | 3.3 | 46 |
| 6 | Intrinsic Frequency Analysis and Fast Algorithms. <i>Scientific Reports</i> , 2018, 8, 4858. | 3.3 | 1 |
| 7 | Accuracy of a Novel Handheld Wireless Platform for Detection of Cardiac Dysfunction in Anthracycline-Exposed Survivors of Childhood Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 3119-3125. | 7.0 | 20 |
| 8 | Noninvasive iPhone Measurement of Left Ventricular Ejection Fraction Using Intrinsic Frequency Methodology*. <i>Critical Care Medicine</i> , 2017, 45, 1115-1120. | 0.9 | 39 |
| 9 | A non-linear data mining parameter selection algorithm for continuous variables. <i>PLoS ONE</i> , 2017, 12, e0187676. | 2.5 | 8 |
| 10 | On the convergence and accuracy of the cardiovascular intrinsic frequency method. <i>Royal Society Open Science</i> , 2015, 2, 150475. | 2.4 | 20 |
| 11 | Intrinsic Frequency and the Single Wave Biopsy. <i>Journal of Diabetes Science and Technology</i> , 2015, 9, 1246-1252. | 2.2 | 11 |
| 12 | Extraction of Intrawave Signals Using the Sparse Time-Frequency Representation Method. <i>Multiscale Modeling and Simulation</i> , 2014, 12, 1458-1493. | 1.6 | 16 |
| 13 | Convergence of a data-driven time-frequency analysis method. <i>Applied and Computational Harmonic Analysis</i> , 2014, 37, 235-270. | 2.2 | 27 |
| 14 | Intrinsic frequency for a systems approach to haemodynamic waveform analysis with clinical applications. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140617. | 3.4 | 32 |