

# Burak Erem

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10460640/publications.pdf>

Version: 2024-02-01

11  
papers

226  
citations

1937685

4  
h-index

2053705

5  
g-index

11  
all docs

11  
docs citations

11  
times ranked

261  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Missing Slice Recovery for Tensors Using a Low-Rank Model in Embedded Space. , 2018, , .  |     | 60        |
| 2  | Novel Metric Using Laplacian Eigenmaps to Evaluate Ischemic Stress on the Torso Surface. , 2018, 45, .  |     | 4         |
| 3  | Temporal Performance of Laplacian Eigenmaps and 3D Conduction Velocity in Detecting Ischemic Stress. Journal of Electrocardiology, 2018, 51, S116-S120.   | 0.9 | 11        |
| 4  | Detecting Ischemic Stress to the Myocardium Using Laplacian Eigenmaps and Changes to Conduction Velocity. , 2017, 44, .   |     | 1         |
| 5  | Optimizing stimulus patterns for dense array TDCS with fewer sources than electrodes using a branch and bound algorithm. , 2016, 2016, 229-232.   |     | 14        |
| 6  | Extensions to a manifold learning framework for time-series analysis on dynamic manifolds in bioelectric signals. Physical Review E, 2016, 93, 042218.  | 2.1 | 23        |
| 7  | Novel Biomarker for Evaluating Ischemic Stress Using an Electrogram Derived Phase Space. Computing in Cardiology, 2016, 43, 1057-1060.  | 0.4 | 4         |
| 8  | Using Transmural Regularization and Dynamic Modeling for Noninvasive Cardiac Potential Imaging of Endocardial Pacing With Imprecise Thoracic Geometry. IEEE Transactions on Medical Imaging, 2014, 33, 726-738. | 8.9 | 60        |
| 9  | New Additions to the Toolkit for Forward/Inverse Problems in Electrocardiography within the SCIRun Problem Solving Environment. Computing in Cardiology, 2014, 2014, 213-216.                                   | 0.4 | 7         |
| 10 | A toolkit for forward/inverse problems in electrocardiography within the SCIRun problem solving environment. , 2011, 2011, 267-70.  |     | 41        |
| 11 | Using Transmural Regularization and Dynamic Modeling for Noninvasive Cardiac Potential Imaging of Endocardial Pacing With Imprecise Thoracic Geometry. , 0, .   |     | 1         |