

# Kais Gadhumi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9167598/publications.pdf>

Version: 2024-02-01

14  
papers

572  
citations

1039880

9  
h-index

1281743

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoplethysmography based atrial fibrillation detection: a review. <i>Npj Digital Medicine</i> , 2020, 3, 3.	5.7	155
2	Seizure prediction for therapeutic devices: A review. <i>Journal of Neuroscience Methods</i> , 2016, 260, 270-282.	1.3	146
3	Discriminating preictal and interictal states in patients with temporal lobe epilepsy using wavelet analysis of intracerebral EEG. <i>Clinical Neurophysiology</i> , 2012, 123, 1906-1916.	0.7	71
4	Seizure prediction in patients with mesial temporal lobe epilepsy using EEG measures of state similarity. <i>Clinical Neurophysiology</i> , 2013, 124, 1745-1754.	0.7	56
5	A Supervised Approach to Robust Photoplethysmography Quality Assessment. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 649-657.	3.9	51
6	Deep learning approaches for plethysmography signal quality assessment in the presence of atrial fibrillation. <i>Physiological Measurement</i> , 2019, 40, 125002.	1.2	28
7	Scale Invariance Properties of Intracerebral EEG Improve Seizure Prediction in Mesial Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2015, 10, e0121182.	1.1	23
8	Explainability Metrics of Deep Convolutional Networks for Photoplethysmography Quality Assessment. <i>IEEE Access</i> , 2021, 9, 29736-29745.	2.6	15
9	Wavelet leader multifractal analysis of heart rate variability in atrial fibrillation. <i>Journal of Electrocardiology</i> , 2018, 51, S83-S87.	0.4	12
10	Causal relationship between neuronal activity and cerebral hemodynamics in patients with ischemic stroke. <i>Journal of Neural Engineering</i> , 2020, 17, 026006.	1.8	6
11	Robust Assessment of Photoplethysmogram Signal Quality in the Presence of Atrial Fibrillation. , 0, , .		5
12	A Statistical Comparative Study of Photoplethysmographic Signals in Wrist-Worn and Fingertip Pulse-Oximetry Devices. , 0, , .		3
13	Continuous monitoring of cerebrovascular reactivity through pulse transit time and intracranial pressure. <i>Physiological Measurement</i> , 2019, 40, 01LT01.	1.2	1
14	Technical considerations for evaluating clinical prediction indices: a case study for predicting code blue events with MEWS. <i>Physiological Measurement</i> , 2021, 42, 055005.	1.2	0