Stephan Lau

List of Publications by Year
in descending order

15 papers	132 citations	1307594 7 h-index	1281871 11 g-index
15 all docs	15 docs citations	15 times ranked	160 citing authors

#	Article	IF	Citations
1	The Reproducibility of Bio-Acoustic Features is Associated With Sample Duration, Speech Task, and Gender. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 167-175.	4.9	5
2	FAST-IT: Find A Simple Test â€" In TIA (transient ischaemic attack): a prospective cohort study to develop a multivariable prediction model for diagnosis of TIA through proteomic discovery and candidate lipid mass spectrometry, neuroimaging and machine learningâ€"study protocol. BMJ Open, 2022, 12, e045908.	1.9	0
3	Perception thresholds and qualitative perceptions for electrocutaneous stimulation. Scientific Reports, 2022, 12, 7335.	3.3	2
4	Coupled CP Decomposition of Simultaneous MEG-EEG Signals for Differentiating Oscillators During Photic Driving. Frontiers in Neuroscience, 2020, 14, 261.	2.8	16
5	Joint MEG-EEG signal decomposition using the coupled SECSI framework: Validation on a controlled experiment. , 2017, , .		5
6	Skull Defects in Finite Element Head Models for Source Reconstruction from Magnetoencephalography Signals. Frontiers in Neuroscience, 2016, 10, 141.	2.8	20
7	Optimal Magnetic Sensor Vests for Cardiac Source Imaging. Sensors, 2016, 16, 754.	3.8	10
8	Biosignal analysis. Biomedizinische Technik, 2016, 61, 577-578.	0.8	1
9	T Vector and Loop Characteristics Improve Detection of Myocardial Injury After Infarction. Journal of Medical and Biological Engineering, 2015, 35, 381-386.	1.8	3
10	Magnetoencephalography signals are influenced by skull defects. Clinical Neurophysiology, 2014, 125, 1653-1662.	1.5	18
11	Sensitivity of EEG/MEG-based reconstruction of neural activity to the finite element model discretization. BMC Neuroscience, 2009, 10, .	1.9	0
12	Tabu Search Optimization of Magnetic Sensor Systems for Magnetocardiography. IEEE Transactions on Magnetics, 2008, 44, 1442-1445.	2.1	29
13	Nonlinear interactions of high-frequency oscillations in the human somatosensory system. Clinical Neurophysiology, 2008, 119, 2647-2657.	1.5	14
14	Spatiotemporal correlation analyses: a new procedure for standardisation of DC magnetocardiograms. Biomedizinische Technik, 2006, 51, 198-200.	0.8	2
15	Low HRV entropy is strongly associated with myocardial infarction. Biomedizinische Technik, 2006, 51, 186-189.	0.8	7