

David Looney

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11756771/publications.pdf>

Version: 2024-02-01

33
papers

1,729
citations

394421

19
h-index

642732

23
g-index

34
all docs

34
docs citations

34
times ranked

1632
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of Motor Imagery BCI Using Multivariate Empirical Mode Decomposition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 10-22.	4.9	194
2	The In-the-Ear Recording Concept: User-Centered and Wearable Brain Monitoring. IEEE Pulse, 2012, 3, 32-42.	0.3	192
3	Multiscale Image Fusion Using Complex Extensions of EMD. IEEE Transactions on Signal Processing, 2009, 57, 1626-1630.	5.3	168
4	A Study of Evoked Potentials From Ear-EEG. IEEE Transactions on Biomedical Engineering, 2013, 60, 2824-2830.	4.2	151
5	In-Ear EEG From Viscoelastic Generic Earpieces: Robust and Unobtrusive 24/7 Monitoring. IEEE Sensors Journal, 2016, 16, 271-277.	4.7	143
6	Synchrosqueezing-based time-frequency analysis of multivariate data. Signal Processing, 2015, 106, 331-341.	3.7	116
7	Hearables: Multimodal physiological in-ear sensing. Scientific Reports, 2017, 7, 6948.	3.3	107
8	Time-Frequency Analysis of EEG Asymmetry Using Bivariate Empirical Mode Decomposition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 366-373.	4.9	84
9	Smart Helmet: Wearable Multichannel ECG and EEG. IEEE Journal of Translational Engineering in Health and Medicine, 2016, 4, 1-11.	3.7	66
10	Wearable In-Ear Encephalography Sensor for Monitoring Sleep. Preliminary Observations from Nap Studies. Annals of the American Thoracic Society, 2016, 13, 2229-2233.	3.2	60
11	The complex local mean decomposition. Neurocomputing, 2011, 74, 867-875.	5.9	55
12	Physiological artifacts in scalp EEG and ear-EEG. BioMedical Engineering OnLine, 2017, 16, 103.	2.7	48
13	Complexity of physiological responses decreases in high-stress musical performance. Journal of the Royal Society Interface, 2013, 10, 20130719.	3.4	45
14	Intrinsic multi-scale analysis: a multi-variate empirical mode decomposition framework. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20140709.	2.1	40
15	Identification of Defective Areas in Composite Materials by Bivariate EMD Analysis of Ultrasound. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 221-232.	4.7	34
16	Discriminating Multiple Emotional States from EEG Using a Data-Adaptive, Multiscale Information-Theoretic Approach. International Journal of Neural Systems, 2016, 26, 1650005.	5.2	34
17	Adaptive-projection intrinsically transformed multivariate empirical mode decomposition in cooperative brain-computer interface applications. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150199.	3.4	32
18	Co-Located Multimodal Sensing: A Next Generation Solution for Wearable Health. IEEE Sensors Journal, 2015, 15, 138-145.	4.7	23

#	ARTICLE	IF	CITATIONS
19	Ocular Artifacts Removal from EEG Using EMD. , 2008, , 831-835.		21
20	A Novel Multivariate Sample Entropy Algorithm for Modeling Time Series Synchronization. Entropy, 2018, 20, 82.	2.2	19
21	Complexity science for sleep stage classification from EEG. , 2017, , .		18
22	A method for quantitative assessment of artifacts in EEG, and an empirical study of artifacts. , 2014, 2014, 1686-90.		10
23	Subspace denoising of EEG artefacts via multivariate EMD. , 2014, , .		10
24	Nonuniformly sampled trivariate empirical mode decomposition. , 2015, , .		8
25	Towards estimating selective auditory attention from EEG using a novel time-frequency-synchronisation framework. , 2010, , .		7
26	Ear-EEG: Continuous Brain Monitoring. Springer Briefs in Electrical and Computer Engineering, 2014, , 63-71.	0.5	6
27	Multimodal physiological sensor for motion artefact rejection. , 2014, 2014, 2753-6.		4
28	Bivariate EMD analysis for aircraft component inspection. , 2010, , .		1
29	Phase-based brain consciousness analysis. , 2012, 2012, 1032-5.		1
30	MULTIVARIATE EXTENSIONS OF EMPIRICAL MODE DECOMPOSITION. Interdisciplinary Mathematical Sciences, 2014, , 47-67.	0.4	1
31	EarEEG based visual P300 Brain-Computer Interface. , 2015, , .		1
32	Defective Areas Identification in Aircraft Components by Bivariate EMD Analysis of Ultrasound Signals. Lecture Notes in Computer Science, 2010, , 219-230.	1.3	1
33	Adaptive Multiscale Time-Frequency Analysis. , 2014, , 745-762.		1