James R Williamson

List of Publications by Year
in descending order

20 papers	961 citations	1170033 9 h-index	1336881 12 g-index
20 all docs	20 docs citations	20 times ranked	850 citing authors

#	Article	IF	Citations
1	Detecting Parkinson's Disease from Wrist-Worn Accelerometry in the U.K. Biobank. Sensors, 2021, 21, 2047.	2.1	20
2	Quantifying Neural Processing Changes During an Auditory Oddball Task Under Hypoxia Using Electroencephalography. , 2021, , .		0
3	Using Dynamics of Eye Movements, Speech Articulation and Brain Activity to Predict and Track mTBI Screening Outcomes. Frontiers in Neurology, 2021, 12, 665338.	1.1	0
4	Generalized Two-Stage Rank Regression Framework for Depression Score Prediction from Speech. IEEE Transactions on Affective Computing, 2020, 11, 272-283.	5.7	27
5	Analysis of Phonetic Balance in Standard English Passages. Journal of Speech, Language, and Hearing Research, 2020, 63, 917-930.	0.7	9
6	Tracking depression severity from audio and video based on speech articulatory coordination. Computer Speech and Language, 2019, 55, 40-56.	2.9	39
7	Speech-Based Automated Cognitive Impairment Detection From Remotely-Collected Cognitive Test Audio. IEEE Access, 2018, 6, 40494-40505.	2.6	6
8	Estimating load carriage from a body-worn accelerometer. , 2015, , .		6
9	Vocal and Facial Biomarkers of Depression based on Motor Incoordination and Timing. , 2014, , .		127
10	Individualized apnea prediction in preterm infants using cardio-respiratory and movement signals. , 2013, , .		16
11	Individualized detection of ambulatory distress in the field using wearable sensors. , 2013, , .		3
12	Forecasting respiratory collapse: Theory and practice for averting life-threatening infant apneas. Respiratory Physiology and Neurobiology, 2013, 189, 223-231.	0.7	21
13	Vocal biomarkers of depression based on motor incoordination. , 2013, , .		124
14	Seizure prediction using EEG spatiotemporal correlation structure. Epilepsy and Behavior, 2012, 25, 230-238.	0.9	170
15	A Proposal of TAM Network with Gabor Type Receptive Field. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2006, 18, 434-442.	0.0	2
16	A Study of Orientation Selectivity of TAM Network Incorporated Receptive Field Structure. , 2006, , 187-192.		1
17	Self-Organization of Topographic Mixture Networks Using Attentional Feedback. Neural Computation, 2001, 13, 563-593.	1.3	22
18	A self-organizing neural system for learning to recognize textured scenes. Vision Research, 1999, 39, 1385-1406.	0.7	34

#	Article	IF	Citations
19	A Constructive, Incremental-Learning Network for Mixture Modeling and Classification. Neural Computation, 1997, 9, 1517-1543.	1.3	33
20	Gaussian ARTMAP: A Neural Network for Fast Incremental Learning of Noisy Multidimensional Maps. Neural Networks, 1996, 9, 881-897.	3.3	301