

Thomas F Quatieri

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

3,018

citations

11

h-index

33

g-index

33

ext. papers

3,927

ext. citations

3.3

avg, IF

5.03

L-index

#	Paper	IF	Citations
26	Speech as a Biomarker: Opportunities, Interpretability, and Challenges. <i>Perspectives of the ASHA Special Interest Groups</i> , 2022 , 7, 276-283	0.9	1
25	Wearable Technology in Extreme Environments 2022 , 15-29		
24	Using Oculomotor Features to Predict Changes in Optic Nerve Sheath Diameter and ImPACT Scores From Contact-Sport Athletes. <i>Frontiers in Neurology</i> , 2021 , 12, 584684	4.1	0
23	Using Dynamics of Eye Movements, Speech Articulation and Brain Activity to Predict and Track mTBI Screening Outcomes. <i>Frontiers in Neurology</i> , 2021 , 12, 665338	4.1	
22	Speaker separation in realistic noise environments with applications to a cognitively-controlled hearing aid. <i>Neural Networks</i> , 2021 , 140, 136-147	9.1	2
21	A Framework for Biomarkers of COVID-19 Based on Coordination of Speech-Production Subsystems.. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , 2020 , 1, 203-206	5.9	35
20	Predicting Cognitive Load and Operational Performance in a Simulated Marksmanship Task. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 222	3.3	2
19	Analysis of Phonetic Balance in Standard English Passages. <i>Journal of Speech, Language, and Hearing Research</i> , 2020 , 63, 917-930	2.8	2
18	The Effect of Hearing-Protection Devices on Auditory Situational Awareness and Listening Effort. <i>Ear and Hearing</i> , 2020 , 41, 82-94	3.4	11
17	Assessment of speech and fine motor coordination in children with autism spectrum disorder. <i>IEEE Access</i> , 2020 , 8, 127535-127545	3.5	8
16	Can mHealth Technology Help Mitigate the Effects of the COVID-19 Pandemic?. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , 2020 , 1, 243-248	5.9	33
15	Comparison of Two-Talker Attention Decoding from EEG with Nonlinear Neural Networks and Linear Methods. <i>Scientific Reports</i> , 2019 , 9, 11538	4.9	33
14	Current models of speech motor control: A control-theoretic overview of architectures and properties. <i>Journal of the Acoustical Society of America</i> , 2019 , 145, 1456	2.2	18
13	Tracking depression severity from audio and video based on speech articulatory coordination. <i>Computer Speech and Language</i> , 2019 , 55, 40-56	2.8	19
12	Speech-Based Automated Cognitive Impairment Detection From Remotely-Collected Cognitive Test Audio. <i>IEEE Access</i> , 2018 , 6, 40494-40505	3.5	4
11	Speed-accuracy tradeoffs in human speech production. <i>PLoS ONE</i> , 2018 , 13, e0202180	3.7	9
10	Vocal markers of motor, cognitive, and depressive symptoms in Parkinson's disease 2017 ,		1

9	Hidden Hearing Injury: The Emerging Science and Military Relevance of Cochlear Synaptopathy. <i>Military Medicine</i> , 2017 , 182, e1785-e1795	1.3	15
8	2016,		4
7	A review of depression and suicide risk assessment using speech analysis. <i>Speech Communication</i> , 2015 , 71, 10-49	2.8	290
6	Long term Suboxone [®] emotional reactivity as measured by automatic detection in speech. <i>PLoS ONE</i> , 2013 , 8, e69043	3.7	60
5	Two-Dimensional Speech-Signal Modeling. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012 , 20, 1843-1856		7
4	Towards Interpretive Models for 2-D Processing of Speech. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012 , 20, 2159-2173		
3	Investigating acoustic correlates of human vocal fold vibratory phase asymmetry through modeling and laryngeal high-speed videoendoscopy. <i>Journal of the Acoustical Society of America</i> , 2011 , 130, 3999-4009	2.2	44
2	Voice production mechanisms following phonosurgical treatment of early glottic cancer. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2010 , 119, 1-9	2.1	50
1	Speaker Verification Using Adapted Gaussian Mixture Models 2000 , 10, 19-41		2367