James M Harte

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7556809/publications.pdf

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22	319	840776 11	888059 17
papers	citations	h-index	g-index

25	25	25	321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep metric learning for otitis media classification. Medical Image Analysis, 2021, 71, 102034.	11.6	40
2	Ear-EEG-Based Objective Hearing Threshold Estimation Evaluated on Normal Hearing Subjects. IEEE Transactions on Biomedical Engineering, 2018, 65, 1026-1034.	4.2	36
3	Comparison of cochlear delay estimates using otoacoustic emissions and auditory brainstem responses. Journal of the Acoustical Society of America, 2009, 126, 1291-1301.	1.1	35
4	Modeling auditory evoked brainstem responses to transient stimuli. Journal of the Acoustical Society of America, 2012, 131, 3903-3913.	1.1	29
5	Chest wall motion analysis in healthy volunteers and adults with cystic fibrosis using a novel Kinect-based motion tracking system. Medical and Biological Engineering and Computing, 2016, 54, 1631-1640.	2.8	29
6	Human cochlear tuning estimates from stimulus-frequency otoacoustic emissions. Journal of the Acoustical Society of America, 2011, 129, 3797-3807.	1.1	27
7	Accuracy of averaged auditory brainstem response amplitude and latency estimates. International Journal of Audiology, 2018, 57, 345-353.	1.7	17
8	Temporal suppression of the click-evoked otoacoustic emission level-curve. Journal of the Acoustical Society of America, 2011, 129, 1452-1463.	1.1	16
9	Toward EEG-Assisted Hearing Aids: Objective Threshold Estimation Based on Ear-EEG in Subjects With Sensorineural Hearing Loss. Trends in Hearing, 2018, 22, 233121651881620.	1.3	16
10	Bridging Paradigms: Hybrid Mechanistic-Discriminative Predictive Models. IEEE Transactions on Biomedical Engineering, 2013, 60, 735-742.	4.2	12
11	Dynamic nonlinear cochlear model predictions of click-evoked otoacoustic emission suppression. Hearing Research, 2005, 207, 99-109.	2.0	11
12	A comparison of various nonlinear models of cochlear compression. Journal of the Acoustical Society of America, 2005, 117, 3777-3786.	1.1	8
13	The Convolutional Group Sequential Test: Reducing Test Time for Evoked Potentials. IEEE Transactions on Biomedical Engineering, 2020, 67, 697-705.	4.2	7
14	A Deep Learning Approach for Detecting Otitis Media From Wideband Tympanometry Measurements. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2974-2982.	6.3	7
15	Temporal suppression and augmentation of click-evoked otoacoustic emissions. Hearing Research, 2008, 246, 23-35.	2.0	6
16	Chirp-Evoked Auditory Steady-State Response: The Effect of Repetition Rate. IEEE Transactions on Biomedical Engineering, 2022, 69, 689-699.	4.2	6
17	Inter-rater reliability of the diagnosis of otitis media based on otoscopic images and wideband tympanometry measurements. International Journal of Pediatric Otorhinolaryngology, 2022, 153, 111034.	1.0	5
18	Using the short-time correlation coefficient to compare transient- and derived, noise-evoked otoacoustic emission temporal waveforms. Journal of the Acoustical Society of America, 2005, 117, 2989-2998.	1.1	4

#	Article	IF	Citations
19	Can a Static Nonlinearity Account for the Dynamics of Otoacoustic Emission Suppression?. , 2011, 1403, 257-263.		4
20	Modelling human auditory evoked brainstem responses to speech syllables. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1
21	Temporal suppression of long-latency click-evoked otoacoustic emissions. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1932-6.	0.5	0
22	Constrained ICA for the Analysis of High Stimulus Rate Auditory Evoked Potentials. , 2007, , 609-616.		0