Joaquin T Valderrama

List of Publications by Year
in descending order

18	318	1040056 9	888059 17
papers	citations	h-index	g-index

18	18	18	314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of lifetime noise exposure on the middle-age human auditory brainstem response, tinnitus and speech-in-noise intelligibility. Hearing Research, 2018, 365, 36-48.	2.0	100
2	Recording of auditory brainstem response at high stimulation rates using randomized stimulation and averaging. Journal of the Acoustical Society of America, 2012, 132, 3856-3865.	1.1	39
3	An automatic algorithm for blink-artifact suppression based on iterative template matching: application to single channel recording of cortical auditory evoked potentials. Journal of Neural Engineering, 2018, 15, 016008.	3.5	35
4	Comorbidity of Auditory Processing, Attention, and Memory in Children With Word Reading Difficulties. Frontiers in Psychology, 2019, 10, 2383.	2.1	25
5	Automatic quality assessment and peak identification of auditory brainstem responses with fitted parametric peaks. Computer Methods and Programs in Biomedicine, 2014, 114, 262-275.	4.7	24
6	Auditory brainstem and middle latency responses recorded at fast rates with randomized stimulation. Journal of the Acoustical Society of America, 2014, 136, 3233-3248.	1.1	17
7	A study of adaptation mechanisms based on ABR recorded at high stimulation rate. Clinical Neurophysiology, 2014, 125, 805-813.	1.5	16
8	Single-channel EEG measurement of engagement in virtual rehabilitation: a validation study. Virtual Reality, 2021, 25, 357-366.	6.1	12
9	Development of Frontal EEG Differences Between Eyes-Closed and Eyes-Open Resting Conditions in Children: Data From a Single-Channel Dry-Sensor Portable Device. Clinical EEG and Neuroscience, 2021, 52, 235-245.	1.7	10
10	Selective processing of auditory evoked responses with iterative-randomized stimulation and averaging: A strategy for evaluating the time-invariant assumption. Hearing Research, 2016, 333, 66-76.	2.0	8
11	Discovering the Unmet Needs of People With Difficulties Understanding Speech in Noise and a Normal or Near-Normal Audiogram. American Journal of Audiology, 2020, 29, 329-355.	1.2	8
12	A flexible and inexpensive high-performance auditory evoked response recording system appropriate for research purposes. Biomedizinische Technik, 2014, 59, 447-59.	0.8	7
13	Latency-dependent filtering and compact representation of the complete auditory pathway response. Journal of the Acoustical Society of America, 2020, 148, 599-613.	1.1	5
14	Matrix-based formulation of the iterative randomized stimulation and averaging method for recording evoked potentials. Journal of the Acoustical Society of America, 2019, 146, 4545-4556.	1.1	4
15	A portable, modular, and low cost auditory brainstem response recording system including an algorithm for automatic identification of responses suitable for hearing screening. , 2013, , .		3
16	Auditory brainstem responses obtained with randomised stimulation level. International Journal of Audiology, 2023, 62, 368-375.	1.7	2
17	Subspace-constrained deconvolution of auditory evoked potentials. Journal of the Acoustical Society of America, 2022, 151, 3745-3757.	1.1	2
18	Design and evaluation of the effectiveness of a corpus of congruent and incongruent English sentences for the study of event related potentials. International Journal of Audiology, 2021, 60, 96-103.	1.7	1