Bastian Epp

List of Publications by Year in descending order

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28	426	1040056	794594
papers	citations	9 h-index	19 g-index

41	41	41	361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the use of envelope following responses to estimate peripheral level compression in the auditory system. Scientific Reports, 2021, 11, 6962.	3.3	9
2	Potential Destructive Binaural Interaction Effects in Auditory Steady-State Response Measurements. Trends in Hearing, 2021, 25, 233121652110311.	1.3	0
3	Effect of the Relative Timing between Same-Polarity Pulses on Thresholds and Loudness in Cochlear Implant Users. JARO - Journal of the Association for Research in Otolaryngology, 2020, 21, 497-510.	1.8	4
4	Perceptual Weighting of Binaural Lateralization Cues across Frequency Bands. JARO - Journal of the Association for Research in Otolaryngology, 2020, 21, 485-496.	1.8	5
5	Supra-threshold perception and neural representation of tones presented in noise in conditions of masking release. PLoS ONE, 2019, 14, e0222804.	2.5	6
6	Investigating the Effect of Cochlear Synaptopathy on Envelope Following Responses Using a Model of the Auditory Nerve. JARO - Journal of the Association for Research in Otolaryngology, 2019, 20, 363-382.	1.8	48
7	The search for noise-induced cochlear synaptopathy in humans: Mission impossible?. Hearing Research, 2019, 377, 88-103.	2.0	141
8	Effects of Hearing Loss and Fast-Acting Compression on Amplitude Modulation Perception and Speech Intelligibility. Ear and Hearing, 2019, 40, 45-54.	2.1	10
9	Effects of the relative timing of opposite-polarity pulses on loudness for cochlear implant listeners. Journal of the Acoustical Society of America, 2018, 144, 2751-2763.	1.1	10
10	The mechanisms underlying multiple lobes in SOAE suppression tuning curves in a transmission line model of the cochlea. AIP Conference Proceedings, 2018, , .	0.4	0
11	A framework for computational modelling of interaural time difference discrimination of normal and hearing-impaired listeners. Journal of the Acoustical Society of America, 2018, 144, 940-954.	1.1	2
12	Linear combination of auditory steady-state responses evoked by co-modulated tones. Journal of the Acoustical Society of America, 2017, 142, EL395-EL400.	1.1	5
13	A Model of Electrically Stimulated Auditory Nerve Fiber Responses with Peripheral and Central Sites of Spike Generation. JARO - Journal of the Association for Research in Otolaryngology, 2017, 18, 323-342.	1.8	35
14	A Nonlinear Transmission Line Model of the Cochlea With Temporal Integration Accounts for Duration Effects in Threshold Fine Structure. Acta Acustica United With Acustica, 2017, 103, 721-724.	0.8	2
15	Can place-specific cochlear dispersion be represented by auditory steady-state responses?. Hearing Research, 2016, 335, 76-82.	2.0	5
16	Clustering of cochlear oscillations in frequency plateaus as a tool to investigate SOAE generation. AIP Conference Proceedings, 2015, , .	0.4	6
17	Can Comodulation Masking Release Occur When Frequency Changes Could Promote Perceptual Segregation of the On-Frequency and Flanking Bands?. Advances in Experimental Medicine and Biology, 2013, 787, 475-482.	1.6	1
18	Masking Release for Sweeping Masker Components with Correlated Envelopes. JARO - Journal of the Association for Research in Otolaryngology, 2013, 14, 139-147.	1.8	3

#	Article	IF	Citations
19	Objective measures of binaural masking level differences and comodulation masking release based on late auditory evoked potentials. Hearing Research, 2013, 306, 21-28.	2.0	13
20	Temporal integration near threshold fine structure - The role of cochlear processing. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
21	Increased intensity discrimination thresholds in tinnitus subjects with a normal audiogram. Journal of the Acoustical Society of America, 2012, 132, EL196-EL201.	1.1	28
22	MoH 101: Basic Concepts in the Mechanics of Hearing. , 2011, , .		2
23	Cochlear Fine Structureâ€"Implications for Modulation Processing at the Level of the Cochlea. , 2011, , .		2
24	Comparing Longitudinal Coupling and Temporal Delay in a Transmission-Line Model of the Cochlea. , 2011, , .		0
25	On time-delayed and feed-forward transmission line models of the cochlea. Journal of Mechanics of Materials and Structures, 2011, 6, 557-568.	0.6	6
26	Journal of the Acoustical Society of America, 2010, 128, 1870-1883.	1.1	55
27	Combination of masking releases for different center frequencies and masker amplitude statistics. Journal of the Acoustical Society of America, 2009, 126, 2479-2489.	1.1	11
28	Superposition of masking releases. Journal of Computational Neuroscience, 2009, 26, 393-407.	1.0	15