Michel Hoen

List of Publications by Year
in descending order

47 papers	1,087 citations	471509 17 h-index	414414 32 g-index
47 all docs	47 docs citations	47 times ranked	1025 citing authors

#	Article	IF	Citations
1	Neurological basis of language and sequential cognition: Evidence from simulation, aphasia, and ERP studies. Brain and Language, 2003, 86, 207-225.	1.6	170
2	ERP analysis of cognitive sequencing. NeuroReport, 2000, 11, 3187-3191.	1.2	95
3	Phonetic and lexical interferences in informational masking during speech-in-speech comprehension. Speech Communication, 2007, 49, 905-916.	2.8	74
4	A Neurolinguistic Model of Grammatical Construction Processing. Journal of Cognitive Neuroscience, 2006, 18, 2088-2107.	2.3	69
5	Cognitive Abilities and Quality of Life After Cochlear Implantation in the Elderly. Otology and Neurotology, 2017, 38, e296-e301.	1.3	68
6	Speech-in-noise perception deficit in adults with dyslexia: Effects of background type and listening configuration. Neuropsychologia, 2012, 50, 1543-1552.	1.6	62
7	Neural network processing of natural language: II. Towards a unified model of corticostriatal function in learning sentence comprehension and non-linguistic sequencing. Brain and Language, 2009, 109, 80-92.	1.6	59
8	When Broca Experiences the Janus Syndrome: an ER-FMRI Study Comparing Sentence Comprehension and Cognitive Sequence Processing. Cortex, 2006, 42, 605-623.	2.4	52
9	Training with cognitive sequences improves syntactic comprehension in agrammatic aphasics. NeuroReport, 2003, 14, 495-499.	1.2	39
10	Structure Mapping And Semantic Integration in a Construction-Based Neurolinguistic Model of Sentence Processing. Cortex, 2006, 42, 476-479.	2.4	38
11	Prospective Multicentric Follow-up Study of Cochlear Implantation in Adults With Single-Sided Deafness: Tinnitus and Audiological Outcomes. Otology and Neurotology, 2020, 41, 458-466.	1.3	33
12	Interplay between acoustic/phonetic and semantic processes during spoken sentence comprehension: An ERP study. Brain and Language, 2011, 116, 51-63.	1.6	28
13	Linking language with embodied and teleological representations of action for humanoid cognition. Frontiers in Neurorobotics, 2010, 4, 8.	2.8	26
14	A cognitive neuroscience perspective on embodied language for human–robot cooperation. Brain and Language, 2010, 112, 180-188.	1.6	23
15	Real-time lexical competitions during speech-in-speech comprehension. Speech Communication, 2010, 52, 246-253.	2.8	23
16	Gray and White Matter Distribution in Dyslexia: A VBM Study of Superior Temporal Gyrus Asymmetry. PLoS ONE, 2013, 8, e76823.	2.5	22
17	Using auditory classification images for the identification of fine acoustic cues used in speech perception. Frontiers in Human Neuroscience, 2013, 7, 865.	2.0	22
18	How musical expertise shapes speech perception: evidence from auditory classification images. Scientific Reports, 2015, 5, 14489.	3.3	20

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19	Functional correlates of the speech-in-noise perception impairment in dyslexia: An MRI study. Neuropsychologia, 2014, 60, 103-114.	1.6	18
20	Speech Restoration: An Interactive Process. Journal of Speech, Language, and Hearing Research, 2009, 52, 827-838.	1.6	15
21	Residual Hearing Preservation with the Evo® Cochlear Implant Electrode Array: Preliminary Results. International Archives of Otorhinolaryngology, 2016, 20, 353-358.	0.8	15
22	The Voice Track multiband single-channel modified Wiener-filter noise reduction system for cochlear implants: patients' outcomes and subjective appraisal. International Journal of Audiology, 2016, 55, 431-438.	1.7	13
23	Clinical evaluation of the xDP output compression strategy for cochlear implants. European Archives of Oto-Rhino-Laryngology, 2016, 273, 2363-2371.	1.6	12
24	Direct Viewing of Dyslexics' Compensatory Strategies in Speech in Noise Using Auditory Classification Images. PLoS ONE, 2016, 11, e0153781.	2.5	11
25	A Cochlear Implant Performance Prognostic Test Based on Electrical Field Interactions Evaluated by eABR (Electrical Auditory Brainstem Responses). PLoS ONE, 2016, 11, e0155008.	2.5	10
26	A Psychophysical Imaging Method Evidencing Auditory Cue Extraction during Speech Perception: A Group Analysis of Auditory Classification Images. PLoS ONE, 2015, 10, e0118009.	2.5	10
27	ERP correlates of lexical analysis: N280 reflects processing complexity rather than category or frequency effects. NeuroReport, 2005, 16, 1435-1438.	1.2	7
28	Multi-talker background and semantic priming effect. Frontiers in Human Neuroscience, 2014, 8, 878.	2.0	7
29	Pupillometry Assessment of Speech Recognition and Listening Experience in Adult Cochlear Implant Patients. Frontiers in Neuroscience, 2020, 14, 556675.	2.8	7
30	Clinical efficiency and safety of the oticon medical neuro cochlear implant system: a multicenter prospective longitudinal study. Expert Review of Medical Devices, 2020, 17, 959-967.	2.8	6
31	Let's All Speak Together! Exploring the Masking Effects of Various Languages on Spoken Word Identification in Multi-Linguistic Babble. PLoS ONE, 2013, 8, e65668.	2.5	6
32	One-Year Follow up of Auditory Performance in Post-Lingually Deafened Adults Implanted with the Neurelec Digisonic® Sp/saphyr® Neo Cochlear Implant System. Audiology Research, 2015, 5, 76-79.	1.8	5
33	The Oticon Medical Neuro Zti cochlear implant and the Neuro 2 sound processor: multicentric evaluation of outcomes in adults and children. International Journal of Audiology, 2020, 59, 153-160.	1.7	5
34	Do you agree? Electrophysiological characterization of online agreement checking during the comprehension of correct French passive sentences. Journal of Neurolinguistics, 2007, 20, 395-421.	1.1	4
35	Processing of non-contrastive subphonemic features in French homophonous utterances: An MMN study. Journal of Neurolinguistics, 2019, 52, 100849.	1.1	4
36	Influence of Ionizing Radiation on Two Generations of Cochlear Implants. BioMed Research International, 2015, 2015, 1-7.	1.9	3

#	Article	IF	Citations
37	Method to quantitatively assess electrode migration from medical images: Feasibility and application in patients with straight cochlear implant arrays. Cochlear Implants International, 2019, 20, 237-241.	1.2	3
38	Theta activity and phase resetting during perception of French homophonous utterances. Language, Cognition and Neuroscience, 2022, 37, 154-164.	1.2	2
39	Adult Users of the Oticon Medical Neuro Cochlear Implant System Benefit from Beamforming in the High Frequencies. Audiology Research, 2021, 11, 179-191.	1.8	1
40	A hybrid propositional-embodied cognitive architecture for human-robot cooperation. , 2008, , .		0
41	Lexical decision task on French target words: Effect of listeners' knowledge of the babble-language. Speech Communication, 2015, 69, 9-16.	2.8	0
42	The Development of the "Telislife" Questionnaire for the Evaluation of Telephone Use in Cochlear Implant Users. Journal of Speech, Language, and Hearing Research, 2021, 64, 186-195.	1.6	0
43	Clinical implications of intraoperative eABRs to the Evo®-CI electrode array recipients. Brazilian Journal of Otorhinolaryngology, 2021, , .	1.0	0
44	Effect of contralateral noise on energetic and informational masking on speech-in-speech intelligibility. , 0, , .		0
45	Effect of spatial separation on speech-in-noise comprehension in dyslexic adults. , 0, , .		0
46	Speech Reductions Cause a De-Weighting of Secondary Acoustic Cues. , 0, , .		0
47	One Year Assessment of the Hearing Preservation Potential of the EVO Electrode Array. Journal of Clinical Medicine, 2021, 10, 5604.	2.4	0