

# Jan Wouters

## List of Publications by Year in descending order

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354  
papers

12,014  
citations

22153

59  
h-index

49909

87  
g-index

367  
all docs

367  
docs citations

367  
times ranked

5533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lilliput: speech perception in speech-weighted noise and in quiet in young children. <i>International Journal of Audiology</i> , 2023, 62, 747-755.	1.7	8
2	The digit triplet test as a self-test for hearing screening at the age of school-entry. <i>International Journal of Audiology</i> , 2022, 61, 408-415.	1.7	6
3	Brainâ€ behavior dynamics between the left fusiform and reading. <i>Brain Structure and Function</i> , 2022, 227, 587-597.	2.3	7
4	Ahead of maturation: Enhanced speech envelope training boosts rise time discrimination in preâ€ readers at cognitive risk for dyslexia. <i>Developmental Science</i> , 2022, 25, e13186.	2.4	9
5	Investigating the impact of early literacy training on white matter structure in pre-readers at risk for dyslexia. <i>Cerebral Cortex</i> , 2022, 32, 4684-4697.	2.9	5
6	The Intelligibility of Time-Compressed Speech Is Correlated with the Ability to Listen in Modulated Noise. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2022, , 1.	1.8	1
7	Feasibility, Enjoyment, and Language Comprehension Impact of a Tablet- and GameFlow-Based Story-Listening Game for Kindergarteners: Methodological and Mixed Methods Study. <i>JMIR Serious Games</i> , 2022, 10, e34698.	3.1	5
8	Myelin water fraction in relation to fractional anisotropy and reading in 10-year-old children. <i>Brain Structure and Function</i> , 2022, 227, 2209-2217.	2.3	6
9	Temporal Pitch Sensitivity in an Animal Model: Psychophysics and Scalp Recordings. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2022, 23, 491-512.	1.8	3
10	Longitudinal auditory data of children with prelingual single-sided deafness managed with early cochlear implantation. <i>Scientific Reports</i> , 2022, 12, .	3.3	8
11	Brain mapping of auditory steadyâ€state responses: A broad view of cortical and subcortical sources. <i>Human Brain Mapping</i> , 2021, 42, 780-796.	3.6	33
12	Stimulus-evoked phase-locked activity along the human auditory pathway strongly varies across individuals. <i>Scientific Reports</i> , 2021, 11, 143.	3.3	18
13	A Bridge over Troubled Listening: Improving Speech-in-Noise Perception by Children with Dyslexia. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2021, 22, 465-480.	1.8	9
14	Neural tracking of the fundamental frequency of the voice: The effect of voice characteristics. <i>European Journal of Neuroscience</i> , 2021, 53, 3640-3653.	2.6	17
15	The digit triplet test: a scoping review. <i>International Journal of Audiology</i> , 2021, 60, 946-963.	1.7	36
16	The identification of predominant auditory steadyâ€state response brain sources in electroencephalography using denoising source separation. <i>European Journal of Neuroscience</i> , 2021, 53, 3688-3709.	2.6	4
17	Frequency following responses and rate change complexes in cochlear implant users. <i>Hearing Research</i> , 2021, 404, 108200.	2.0	11
18	Structural brain dynamics across reading development: A longitudinal <sc>MRI</sc> study from kindergarten to grade 5. <i>Human Brain Mapping</i> , 2021, 42, 4497-4509.	3.6	15

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19	Assessment of Receptive and Expressive Language Skills Among Young Children With Prelingual Single-Sided Deafness Managed With Early Cochlear Implantation. <i>JAMA Network Open</i> , 2021, 4, e2122591.	5.9	11
20	A three-time point longitudinal investigation of the arcuate fasciculus throughout reading acquisition in children developing dyslexia. <i>NeuroImage</i> , 2021, 237, 118087.	4.2	16
21	Cortical compensation for hearing loss, but not age, in neural tracking of the fundamental frequency of the voice. <i>Journal of Neurophysiology</i> , 2021, 126, 791-802.	1.8	7
22	Digital Game-Based Phonics Instruction Promotes Print Knowledge in Pre-Readers at Cognitive Risk for Dyslexia. <i>Frontiers in Psychology</i> , 2021, 12, 720548.	2.1	11
23	Using Interleaved Stimulation to Measure the Size and Selectivity of the Sustained Phase-Locked Neural Response to Cochlear Implant Stimulation. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2021, 22, 141-159.	1.8	6
24	Enhanced Neural Tracking of the Fundamental Frequency of the Voice. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 3612-3619.	4.2	10
25	Neural auditory processing of parameterized speech envelopes. <i>Hearing Research</i> , 2021, 412, 108374.	2.0	3
26	Atypical processing in neural source analysis of speech envelope modulations in adolescents with dyslexia. <i>European Journal of Neuroscience</i> , 2021, 54, 7839-7859.	2.6	3
27	The Cost of Intrinsic and Extrinsic Cognitive Demands on Auditory Functioning in Older Adults With Normal Hearing or Using Hearing Aids. <i>Ear and Hearing</i> , 2021, 42, 615-628.	2.1	2
28	Home-Based Speech Perception Monitoring for Clinical Use With Cochlear Implant Users. <i>Frontiers in Neuroscience</i> , 2021, 15, 773427.	2.8	3
29	Directional Response of a subcutaneous hearing implant microphone. <i>Hearing Research</i> , 2021, , 108412.	2.0	0
30	Brain activity patterns of phonemic representations are atypical in beginning readers with family risk for dyslexia. <i>Developmental Science</i> , 2020, 23, e12857.	2.4	36
31	Alteration of the relative vibration of the round window membrane after implantation of a direct acoustic cochlear implant. <i>International Journal of Audiology</i> , 2020, 59, 341-347.	1.7	2
32	Neural Modulation Transmission Is a Marker for Speech Perception in Noise in Cochlear Implant Users. <i>Ear and Hearing</i> , 2020, 41, 591-602.	2.1	22
33	AVATAR Assesses Speech Understanding and Multitask Costs in Ecologically Relevant Listening Situations. <i>Ear and Hearing</i> , 2020, 41, 521-531.	2.1	16
34	Pre-literacy heterogeneity in Dutch-speaking kindergartners: latent profile analysis. <i>Annals of Dyslexia</i> , 2020, 70, 275-294.	1.7	15
35	Neural Generators Underlying Temporal Envelope Processing Show Altered Responses and Hemispheric Asymmetry Across Age. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 596551.	3.4	13
36	Electrophysiological assessment of temporal envelope processing in cochlear implant users. <i>Scientific Reports</i> , 2020, 10, 15406.	3.3	19

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37	Age Affects Speech Understanding and Multitask Costs. <i>Ear and Hearing</i> , 2020, 41, 1412-1415.	2.1	3
38	The relation between neurofunctional and neurostructural determinants of phonological processing in pre-readers. <i>Developmental Cognitive Neuroscience</i> , 2020, 46, 100874.	4.0	5
39	Investigating the Added Value of FreeSurfer's Manual Editing Procedure for the Study of the Reading Network in a Pediatric Population. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 143.	2.0	17
40	From modulated noise to natural speech: The effect of stimulus parameters on the envelope following response. <i>Hearing Research</i> , 2020, 393, 107993.	2.0	9
41	In-situ sensitivity of a totally-implantable microphone. <i>Hearing Research</i> , 2020, 395, 108018.	2.0	2
42	Subcortical auditory neural synchronization is deficient in pre-reading children who develop dyslexia. <i>Developmental Science</i> , 2020, 23, e12945.	2.4	9
43	Precompensating for spread of excitation in a cochlear implant coding strategy. <i>Hearing Research</i> , 2020, 395, 107977.	2.0	5
44	Statistical Learning of Speech Sounds in Dyslexic and Typical Reading Children. <i>Scientific Studies of Reading</i> , 2019, 23, 116-127.	2.0	30
45	Language-Independent Hearing Screening Based on Masked Recognition of Ecological Sounds. <i>Trends in Hearing</i> , 2019, 23, 233121651986656.	1.3	4
46	Atypical gray matter in children with dyslexia before the onset of reading instruction. <i>Cortex</i> , 2019, 121, 399-413.	2.4	27
47	The effect of stimulus envelope shape on the auditory steady-state response. <i>Hearing Research</i> , 2019, 380, 22-34.	2.0	13
48	Improving the efficiency of the digit triplet test using digit scoring with variable adaptive step sizes. <i>International Journal of Audiology</i> , 2019, 58, 670-677.	1.7	14
49	Longitudinal linguistic outcomes of toddlers with congenital single-sided deafness: Six with and twelve without cochlear implant and nineteen normal hearing peers. <i>Clinical Otolaryngology</i> , 2019, 44, 671-676.	1.2	16
50	Contributions of non-primary cortical sources to auditory temporal processing. <i>NeuroImage</i> , 2019, 191, 303-314.	4.2	29
51	Speech Envelope Enhancement Instantaneously Effaces Atypical Speech Perception in Dyslexia. <i>Ear and Hearing</i> , 2019, 40, 1242-1252.	2.1	27
52	Atypical neural processing of rise time by adults with dyslexia. <i>Cortex</i> , 2019, 113, 128-140.	2.4	25
53	The effect of presentation level on spectrotemporal modulation detection. <i>Hearing Research</i> , 2019, 371, 11-18.	2.0	3
54	The association between hearing impairment and neural envelope encoding at different ages. <i>Neurobiology of Aging</i> , 2019, 74, 202-212.	3.1	36

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55	A preliminary investigation into hearing aid fitting based on automated real-ear measurements integrated in the fitting software: test-retest reliability, matching accuracy and perceptual outcomes. <i>International Journal of Audiology</i> , 2019, 58, 132-140.	1.7	10
56	Unilateral congenital hearing loss in children: Challenges and potentials. <i>Hearing Research</i> , 2019, 372, 29-41.	2.0	81
57	Speech Intelligibility Predicted from Neural Entrainment of the Speech Envelope. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2018, 19, 181-191.	1.8	182
58	Digit Triplet Test Hearing Screening With Broadband and Low-Pass Filtered Noise in a Middle-Aged Population. <i>Ear and Hearing</i> , 2018, 39, 825-828.	2.1	15
59	Subjective and Objective Sound-Quality Evaluation of Adaptive Feedback Cancellation Algorithms. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2018, 26, 1010-1024.	5.8	12
60	Perceptual and Model-Based Evaluation of Ideal Time-Frequency Noise Reduction in Hearing-Impaired Listeners. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 687-697.	4.9	8
61	School-Age Hearing Screening Based on Speech-in-Noise Perception Using the Digit Triplet Test. <i>Ear and Hearing</i> , 2018, 39, 1104-1115.	2.1	28
62	Atypical Structural Asymmetry of the Planum Temporale is Related to Family History of Dyslexia. <i>Cerebral Cortex</i> , 2018, 28, 63-72.	2.9	33
63	Stability of Auditory Steady State Responses Over Time. <i>Ear and Hearing</i> , 2018, 39, 260-268.	2.1	13
64	Independent component analysis for cochlear implant artifacts attenuation from electrically evoked auditory steady-state response measurements. <i>Journal of Neural Engineering</i> , 2018, 15, 016006.	3.5	7
65	Electrically-evoked auditory steady-state responses as neural correlates of loudness growth in cochlear implant users. <i>Hearing Research</i> , 2018, 358, 22-29.	2.0	12
66	Objective Binaural Loudness Balancing Based on 40-Hz Auditory Steady-State Responses. Part I: Normal Hearing. <i>Trends in Hearing</i> , 2018, 22, 233121651880535.	1.3	5
67	Objective Binaural Loudness Balancing Based on 40-Hz Auditory Steady-State Responses. Part II: Asymmetric and Bimodal Hearing. <i>Trends in Hearing</i> , 2018, 22, 233121651880536.	1.3	6
68	Evaluation of a Stereo Music Preprocessing Scheme for Cochlear Implant Users. <i>Journal of the American Academy of Audiology</i> , 2018, 29, 035-043.	0.7	10
69	Speech intelligibility of virtual humans. <i>International Journal of Audiology</i> , 2018, 57, 914-922.	1.7	12
70	Development and validation of a method to record electrophysiological responses in direct acoustic cochlear implant subjects. <i>Hearing Research</i> , 2018, 370, 217-231.	2.0	2
71	Neural organization of ventral white matter tracts parallels the initial steps of reading development: A DTI tractography study. <i>Brain and Language</i> , 2018, 183, 32-40.	1.6	44
72	Neural envelope encoding predicts speech perception performance for normal-hearing and hearing-impaired adults. <i>Hearing Research</i> , 2018, 370, 189-200.	2.0	33

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73	Electrophysiological and Behavioral Evidence of Reduced Binaural Temporal Processing in the Aging and Hearing Impaired Human Auditory System. <i>Trends in Hearing</i> , 2018, 22, 233121651878573.	1.3	17
74	Grapheme-Phoneme Learning in an Unknown Orthography: A Study in Typical Reading and Dyslexic Children. <i>Frontiers in Psychology</i> , 2018, 9, 1393.	2.1	19
75	A framework for computational modelling of interaural time difference discrimination of normal and hearing-impaired listeners. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 940-954.	1.1	2
76	How age affects memory task performance in clinically normal hearing persons. <i>Aging, Neuropsychology, and Cognition</i> , 2017, 24, 264-280.	1.3	11
77	Kalman Filter Based Estimation of Auditory Steady State Response Parameters. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 196-204.	4.9	25
78	Single-sided deafness affects language and auditory development – a case-control study. <i>Clinical Otolaryngology</i> , 2017, 42, 979-987.	1.2	40
79	Spatiotemporal reconstruction of auditory steady-state responses to acoustic amplitude modulations: Potential sources beyond the auditory pathway. <i>NeuroImage</i> , 2017, 148, 240-253.	4.2	70
80	Predicting phoneme and word recognition in noise using a computational model of the auditory periphery. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 300-312.	1.1	9
81	Desynchronisation of auditory steady-state responses related to changes in interaural phase differences: an objective measure of binaural hearing. <i>International Journal of Audiology</i> , 2017, 56, 464-471.	1.7	8
82	Functional modelling of interaural time difference discrimination in acoustical and electrical hearing. <i>Journal of Neural Engineering</i> , 2017, 14, 046021.	3.5	4
83	Source analysis of auditory steady-state responses in acoustic and electric hearing. <i>NeuroImage</i> , 2017, 147, 568-576.	4.2	47
84	Binaural Interaction Effects of 30-50 Hz Auditory Steady State Responses. <i>Ear and Hearing</i> , 2017, 38, e305-e315.	2.1	22
85	Adaptive Feedback Cancellation Using a Partitioned-Block Frequency-Domain Kalman Filter Approach With PEM-Based Signal Prewhitening. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2017, 25, 1784-1798.	5.8	20
86	Measurement and Analysis of Feedback and Nonlinearities for the Codacs Direct Acoustic Cochlear Implant. <i>IEEE Access</i> , 2017, 5, 8702-8713.	4.2	3
87	A longitudinal study investigating neural processing of speech envelope modulation rates in children with (a family risk for) dyslexia. <i>Cortex</i> , 2017, 93, 206-219.	2.4	41
88	White matter pathways mediate parental effects on children's reading precursors. <i>Brain and Language</i> , 2017, 173, 10-19.	1.6	17
89	Do prereaders' auditory processing and speech perception predict later literacy?. <i>Research in Developmental Disabilities</i> , 2017, 70, 138-151.	2.2	40
90	Early dynamics of white matter deficits in children developing dyslexia. <i>Developmental Cognitive Neuroscience</i> , 2017, 27, 69-77.	4.0	73

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91	APEX/SPIN: a free test platform to measure speech intelligibility. <i>International Journal of Audiology</i> , 2017, 56, 137-143.	1.7	3
92	Atypical neural synchronization to speech envelope modulations in dyslexia. <i>Brain and Language</i> , 2017, 164, 106-117.	1.6	48
93	Template Subtraction to Remove CI Stimulation Artifacts in Auditory Steady-State Responses in CI Subjects. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 1322-1331.	4.9	14
94	The influences and outcomes of phonological awareness: a study of <scp>MA</scp>, <scp> PA</scp> and auditory processing in pre-€readers with a family risk of dyslexia. <i>Developmental Science</i> , 2017, 20, e12453.	2.4	25
95	Masked speech perception across the adult lifespan: Impact of age and hearing impairment. <i>Hearing Research</i> , 2017, 344, 109-124.	2.0	71
96	Characterization of cochlear implant artifacts in electrically evoked auditory steady-state responses. <i>Biomedical Signal Processing and Control</i> , 2017, 31, 127-138.	5.7	30
97	A model for music complexity applied to music preprocessing for cochlear implants. , 2017, , .		3
98	Predicting Future Reading Problems Based on Pre-reading Auditory Measures: A Longitudinal Study of Children with a Familial Risk of Dyslexia. <i>Frontiers in Psychology</i> , 2017, 8, 124.	2.1	18
99	Aging Affects Neural Synchronization to Speech-Related Acoustic Modulations. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 133.	3.4	80
100	Direct Acoustic Stimulation at the Lateral Canal: An Alternative Route to the Inner Ear?. <i>PLoS ONE</i> , 2016, 11, e0160819.	2.5	1
101	Auditory steady-state responses as neural correlates of loudness growth. <i>Hearing Research</i> , 2016, 342, 58-68.	2.0	29
102	Speech onset enhancement improves intelligibility in adverse listening conditions for cochlear implant users. <i>Hearing Research</i> , 2016, 342, 13-22.	2.0	27
103	Estonian words in noise test for children (EWINc). <i>Speech Communication</i> , 2016, 77, 1-7.	2.8	0
104	Auditory steady-state responses in cochlear implant users: Effect of modulation frequency and stimulation artifacts. <i>Hearing Research</i> , 2016, 335, 149-160.	2.0	39
105	Game-based Assessment of Psycho-acoustic Thresholds. , 2015, , .		18
106	Loudness Adaptation with Modulated Stimuli. <i>Acta Acustica United With Acustica</i> , 2015, 101, 1073-1082.	0.8	4
107	Morphological Awareness and Its Role in Compensation in Adults with Dyslexia. <i>Dyslexia</i> , 2015, 21, 254-272.	1.5	63
108	Transient and Steady State Auditory Responses With Direct Acoustic Cochlear Stimulation. <i>Ear and Hearing</i> , 2015, 36, 320-329.	2.1	9

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109	Effect of Channel Envelope Synchrony on Interaural Time Difference Sensitivity in Bilateral Cochlear Implant Listeners. <i>Ear and Hearing</i> , 2015, 36, e199-e206.	2.1	14
110	Disentangling the relation between left temporoparietal white matter and reading: A spherical deconvolution tractography study. <i>Human Brain Mapping</i> , 2015, 36, 3273-3287.	3.6	39
111	Comparison of Psychophysical and Physical Measurements of Real Ear to Coupler Differences. <i>Ear and Hearing</i> , 2015, 36, 543-549.	2.1	1
112	Comparison of speech envelope extraction methods for EEG-based auditory attention detection in a cocktail party scenario. , 2015, 2015, 5155-8.		16
113	Optimal spatial filtering for auditory steady-state response detection using high-density EEG. , 2015, , .		5
114	A PEM-based frequency-domain Kalman filter for adaptive feedback cancellation. , 2015, , .		12
115	An all-frequency-domain adaptive filter with PEM-based decorrelation for acoustic feedback control. , 2015, , .		10
116	Sound Coding in Cochlear Implants: From electric pulses to hearing. <i>IEEE Signal Processing Magazine</i> , 2015, 32, 67-80.	5.6	116
117	Fragile Spectral and Temporal Auditory Processing in Adolescents with Autism Spectrum Disorder and Early Language Delay. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 1845-1857.	2.7	15
118	Theta, beta and gamma rate modulations in the developing auditory system. <i>Hearing Research</i> , 2015, 327, 153-162.	2.0	31
119	Speech perception with F0mod, a cochlear implant pitch coding strategy. <i>International Journal of Audiology</i> , 2015, 54, 424-432.	1.7	22
120	A DTI tractography study in pre-readers at risk for dyslexia. <i>Developmental Cognitive Neuroscience</i> , 2015, 14, 8-15.	4.0	108
121	Assessing temporal modulation sensitivity using electrically evoked auditory steady state responses. <i>Hearing Research</i> , 2015, 324, 37-45.	2.0	22
122	What can we expect of normally-developing children implanted at a young age with respect to their auditory, linguistic and cognitive skills?. <i>Hearing Research</i> , 2015, 322, 171-179.	2.0	66
123	A Stereo Music Preprocessing Scheme for Cochlear Implant Users. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 2434-2442.	4.2	20
124	Speech audiometry in Estonia: Estonian words in noise (EWIN) test. <i>International Journal of Audiology</i> , 2015, 54, 573-578.	1.7	2
125	International Collegium of Rehabilitative Audiology (ICRA) recommendations for the construction of multilingual speech tests. <i>International Journal of Audiology</i> , 2015, 54, 17-22.	1.7	64
126	Ideal Timeâ€“Frequency Masking Algorithms Lead to Different Speech Intelligibility and Quality in Normal-Hearing and Cochlear Implant Listeners. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 331-341.	4.2	31



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127	DIESEL-X: A Game-Based Tool for Early Risk Detection of Dyslexia in Preschoolers. , 2015, , 93-114.		19
128	Diffusion Tensor Imaging and Resting-State Functional MRI-Scanning in 5- and 6-Year-Old Children: Training Protocol and Motion Assessment. PLoS ONE, 2014, 9, e94019.	2.5	66
129	The relationship of phonological ability, speech perception, and auditory perception in adults with dyslexia. Frontiers in Human Neuroscience, 2014, 8, 482.	2.0	37
130	Development of Reading and Phonological Skills of Children at Family Risk for Dyslexia: A Longitudinal Analysis from Kindergarten to Sixth Grade. Dyslexia, 2014, 20, 305-329.	1.5	52
131	Development and validation of the Leuven intelligibility sentence test with male speaker (LIST-m). International Journal of Audiology, 2014, 53, 55-59.	1.7	11
132	Music mixing preferences of cochlear implant recipients: A pilot study. International Journal of Audiology, 2014, 53, 294-301.	1.7	44
133	Left-Right and Front-Back Spatial Hearing with Multiple Directional Microphone Configurations in Modern Hearing Aids. Journal of the American Academy of Audiology, 2014, 25, 791-803.	0.7	7
134	Exploring the sensitivity of speech-in-noise tests for noise-induced hearing loss. International Journal of Audiology, 2014, 53, 199-205.	1.7	23
135	Hemispheric Asymmetry in Auditory Processing of Speech Envelope Modulations in Prereading Children. Journal of Neuroscience, 2014, 34, 1523-1529.	3.6	57
136	Reduced-bandwidth Multi-channel Wiener Filter based binaural noise reduction and localization cue preservation in binaural hearing aids. Signal Processing, 2014, 99, 1-16.	3.7	12
137	Comparing the 'Four Pillars' of Global Economic Governance: A Critical Analysis of the Institutional Design of the FSB, IMF, World Bank, and WTO. Journal of International Economic Law, 2014, 17, 49-76.	1.1	8
138	Modulation Enhancement in the Electrical Signal Improves Perception of Interaural Time Differences with Bimodal Stimulation. JARO - Journal of the Association for Research in Otolaryngology, 2014, 15, 633-647.	1.8	18
139	Low-rank Approximation Based Multichannel Wiener Filter Algorithms for Noise Reduction with Application in Cochlear Implants. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 785-799.	5.8	102
140	The Potential for Speech Intelligibility Improvement Using the Ideal Binary Mask and the Ideal Wiener Filter in Single Channel Noise Reduction Systems: Application to Auditory Prostheses. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 63-72.	3.2	43
141	Expressive vocabulary, morphology, syntax and narrative skills in profoundly deaf children after early cochlear implantation. Research in Developmental Disabilities, 2013, 34, 2008-2022.	2.2	125
142	White matter lateralization and interhemispheric coherence to auditory modulations in normal reading and dyslexic adults. Neuropsychologia, 2013, 51, 2087-2099.	1.6	49
143	Narrative spoken language skills in severely hearing impaired school-aged children with cochlear implants. Research in Developmental Disabilities, 2013, 34, 3833-3846.	2.2	35
144	Intact But Less Accessible Phonetic Representations in Adults with Dyslexia. Science, 2013, 342, 1251-1254.	12.6	352

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145	The Polarity Sensitivity of the Electrically Stimulated Human Auditory Nerve Measured at the Level of the Brainstem. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2013, 14, 359-377.	1.8	52
146	A speech distortion weighting based approach to integrated active noise control and noise reduction in hearing aids. <i>Signal Processing</i> , 2013, 93, 2440-2452.	3.7	5
147	Understanding the effect of noise on electrical stimulation sequences in cochlear implants and its impact on speech intelligibility. <i>Hearing Research</i> , 2013, 299, 79-87.	2.0	35
148	Rank-1 approximation based multichannel wiener filtering algorithms for noise reduction in cochlear implants. , 2013, , .		7
149	Sound Processing for Better Coding of Monaural and Binaural Cues in Auditory Prostheses. <i>Proceedings of the IEEE</i> , 2013, 101, 1986-1997.	21.3	18
150	Efficient Hearing Screening in Noise-Exposed Listeners Using the Digit Triplet Test. <i>Ear and Hearing</i> , 2013, 34, 773-778.	2.1	43
151	Acoustic Hearing Implants for Mixed Hearing Loss. <i>Otology and Neurotology</i> , 2013, 34, 1201-1209.	1.3	37
152	Binaural Integrated Active Noise Control and Noise Reduction in Hearing Aids. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2013, 21, 1113-1118.	3.2	6
153	DYSL-X: Design of a tablet game for early risk detection of dyslexia in preschoolers. , 2013, , 257-266.		23
154	Comparison of three types of French speech-in-noise tests: A multi-center study. <i>International Journal of Audiology</i> , 2012, 51, 164-173.	1.7	104
155	Speech intelligibility improvements with hearing aids using bilateral and binaural adaptive multichannel Wiener filtering based noise reduction. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 4743-4755.	1.1	29
156	The effect of interaural differences in envelope shape on the perceived location of sounds (L). <i>Journal of the Acoustical Society of America</i> , 2012, 132, 611-614.	1.1	5
157	The potential of onset enhancement for increased speech intelligibility in auditory prostheses. <i>Journal of the Acoustical Society of America</i> , 2012, 132, 2569-2581.	1.1	32
158	Predictors of Spoken Language Development Following Pediatric Cochlear Implantation. <i>Ear and Hearing</i> , 2012, 33, 617-639.	2.1	167
159	Auditory Steady State Cortical Responses Indicate Deviant Phonemic-Rate Processing in Adults With Dyslexia. <i>Ear and Hearing</i> , 2012, 33, 134-143.	2.1	55
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