Torsten Dau

List of Publications by Year
in descending order

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Version: 2024-02-01

187	6,346	101543	82547
papers	citations	36 h-index	72 g-index

206	206	206	2355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Audiometric profiles and patterns of benefit: a data-driven analysis of subjective hearing difficulties and handicaps. International Journal of Audiology, 2022, 61, 301-310.	1.7	4
2	Age-related reduction in frequency-following responses as a potential marker of cochlear neural degeneration. Hearing Research, 2022, 414, 108411.	2.0	8
3	The effect of hearing aid dynamic range compression on speech intelligibility in a realistic virtual sound environment. Journal of the Acoustical Society of America, 2022, 151, 232-241.	1.1	2
4	A comparative study of eight human auditory models of monaural processing. Acta Acustica, 2022, 6, 17.	1.0	21
5	Broadband Amplification as Tinnitus Treatment. Brain Sciences, 2022, 12, 719.	2.3	2
6	A method for realistic, conversational signal-to-noise ratio estimation. Journal of the Acoustical Society of America, 2021, 149, 1559-1566.	1.1	4
7	On the use of envelope following responses to estimate peripheral level compression in the auditory system. Scientific Reports, 2021, 11, 6962.	3.3	9
8	Speech intelligibility in a realistic virtual sound environment. Journal of the Acoustical Society of America, 2021, 149, 2791-2801.	1.1	4
9	No interaction between fundamental-frequency differences and spectral region when perceiving speech in a speech background. PLoS ONE, 2021, 16, e0249654.	2.5	2
10	Exploiting Non-Negative Matrix Factorization for Binaural Sound Localization in the Presence of Directional Interference. , 2021, , .		0
11	Auditory Tests for Characterizing Hearing Deficits in Listeners With Various Hearing Abilities: The BEAR Test Battery. Frontiers in Neuroscience, 2021, 15, 724007.	2.8	11
12	Comparison of Behavioral and Physiological Measures of the Status of the Cochlear Nonlinearity. Trends in Hearing, 2021, 25, 233121652110161.	1.3	0
13	Towards Auditory Profile-Based Hearing-Aid Fitting: Fitting Rationale and Pilot Evaluation. Audiology Research, 2021, 11, 10-21.	1.8	7
14	Guided ecological momentary assessment in real and virtual sound environments. Journal of the Acoustical Society of America, 2021, 150, 2695-2704.	1.1	1
15	Identification and Discrimination of Sound Textures in Hearing-Impaired and Older Listeners. Trends in Hearing, 2021, 25, 233121652110656.	1.3	1
16	Cortical oscillations and entrainment in speech processing during working memory load. European Journal of Neuroscience, 2020, 51, 1279-1289.	2.6	34
17	Investigating the Effects of Four Auditory Profiles on Speech Recognition, Overall Quality, and Noise Annoyance With Simulated Hearing-Aid Processing Strategies. Trends in Hearing, 2020, 24, 233121652096086.	1.3	5
18	Perceptual Evaluation of Signal-to-Noise-Ratio-Aware Dynamic Range Compression in Hearing Aids. Trends in Hearing, 2020, 24, 233121652093053.	1.3	2

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19	Robust Data-Driven Auditory Profiling Towards Precision Audiology. Trends in Hearing, 2020, 24, 233121652097353.	1.3	20
20	The effect of spatial energy spread on sound image size and speech intelligibility. Journal of the Acoustical Society of America, 2020, 147, 1368-1378.	1.1	7
21	Assessing the effects of hearing-aid compression on auditory spectral and temporal resolution using an auditory modeling framework. Acoustical Science and Technology, 2020, 41, 214-222.	0.5	1
22	Effects of Sensorineural Hearing Loss on Cortical Synchronization to Competing Speech during Selective Attention. Journal of Neuroscience, 2020, 40, 2562-2572.	3.6	73
23	Scene-Aware Dynamic-Range Compression in Hearing Aids. Modern Acoustics and Signal Processing, 2020, , 763-799.	0.8	4
24	Auditory Stream Segregation Can Be Modeled by Neural Competition in Cochlear Implant Listeners. Frontiers in Computational Neuroscience, 2019, 13, 42.	2.1	3
25	Speech perception is similar for musicians and non-musicians across aÂwide range of conditions. Scientific Reports, 2019, 9, 10404.	3.3	40
26	Supra-threshold perception and neural representation of tones presented in noise in conditions of masking release. PLoS ONE, 2019, 14, e0222804.	2.5	6
27	Predicting the effects of periodicity on the intelligibility of masked speech: An evaluation of different modelling approaches and their limitations. Journal of the Acoustical Society of America, 2019, 146, 2562-2576.	1.1	28
28	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
29	Sound source localization with varying amount of visual information in virtual reality. PLoS ONE, 2019, 14, e0214603.	2.5	41
30	The impact of noise power estimation on speech intelligibility in cochlear-implant speech coding strategies. Journal of the Acoustical Society of America, 2019, 145, 818-821.	1.1	3
31	Effect of Noise Reduction Gain Errors on Simulated Cochlear Implant Speech Intelligibility. Trends in Hearing, 2019, 23, 233121651982593.	1.3	6
32	Measuring and modeling speech intelligibility in real and loudspeaker-based virtual sound environments. Hearing Research, 2019, 377, 307-317.	2.0	15
33	A speech-based computational auditory signal processing and perception model. Journal of the Acoustical Society of America, 2019, 146, 3306-3317.	1.1	17
34	Absolute Eye Gaze Estimation With Biosensors in Hearing Aids. Frontiers in Neuroscience, 2019, 13, 1294.	2.8	7
35	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
36	Effects of Musical Training and Hearing Loss on Fundamental Frequency Discrimination and Temporal Fine Structure Processing: Psychophysics and Modeling. JARO - Journal of the Association for Research in Otolaryngology, 2019, 20, 263-277.	1.8	23

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37	A Danish Nonsense Word Corpus for Phoneme Recognition Measurements. Acta Acustica United With Acustica, 2019, 105, 183-194.	0.8	3
38	The impact of exploiting spectro-temporal context in computational speech segregation. Journal of the Acoustical Society of America, 2018, 143, 248-259.	1.1	4
39	Adaptive Processes in Hearing. Trends in Hearing, 2018, 22, 233121651876226.	1.3	0
40	Accuracy of averaged auditory brainstem response amplitude and latency estimates. International Journal of Audiology, 2018, 57, 345-353.	1.7	17
41	Hearing: Psychophysics, Physiology, and Models. Acta Acustica United With Acustica, 2018, 104, 741-747.	0.8	0
42	Effects of Fast-Acting Hearing-Aid Compression on Audibility, Forward Masking and Speech Perception. , 2018, , .		0
43	The Role of Place Cues in Voluntary Stream Segregation for Cochlear Implant Users. Trends in Hearing, 2018, 22, 233121651775026.	1.3	8
44	Predicting Speech Intelligibility Based on Across-Frequency Contrast in Simulated Auditory-Nerve Fluctuations. Acta Acustica United With Acustica, 2018, 104, 914-917.	0.8	12
45	Listening through hearing aids affects spatial perception and speech intelligibility in normal-hearing listeners. Journal of the Acoustical Society of America, 2018, 144, 2896-2905.	1.1	29
46	Localization of broadband sounds carrying interaural time differences: Effects of frequency, reference location, and interaural coherence. Journal of the Acoustical Society of America, 2018, 144, 2225-2237.	1.1	5
47	The benefit of combining a deep neural network architecture with ideal ratio mask estimation in computational speech segregation to improve speech intelligibility. PLoS ONE, 2018, 13, e0196924.	2.5	18
48	On the Cost of Introducing Speech-Like Properties to a Stimulus for Auditory Steady-State Response Measurements. Trends in Hearing, 2018, 22, 233121651878930.	1.3	4
49	Data-Driven Approach for Auditory Profiling and Characterization of Individual Hearing Loss. Trends in Hearing, 2018, 22, 233121651880740.	1.3	21
50	Effects of Slow- and Fast-Acting Compression on Hearing-Impaired Listenersâ€™ Consonantâ€“Vowel Identification in Interrupted Noise. Trends in Hearing, 2018, 22, 233121651880087.	1.3	15
51	Auditory Stream Segregation and Selective Attention for Cochlear Implant Listeners: Evidence From Behavioral Measures and Event-Related Potentials. Frontiers in Neuroscience, 2018, 12, 581.	2.8	11
52	The Role of Temporal Cues in Voluntary Stream Segregation for Cochlear Implant Users. Trends in Hearing, 2018, 22, 233121651877322.	1.3	6
53	Effect of harmonic rank on sequential sound segregation. Hearing Research, 2018, 367, 161-168.	2.0	2
54	Influence of talker discontinuity on cortical dynamics of auditory spatial attention. NeuroImage, 2018, 179, 548-556.	4.2	18

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55	Signal-to-Noise-Ratio-Aware Dynamic Range Compression in Hearing Aids. Trends in Hearing, 2018, 22, 233121651879090.	1.3	17
56	Effects of Expanding Envelope Fluctuations on Consonant Perception in Hearing-Impaired Listeners. Trends in Hearing, 2018, 22, 233121651877529.	1.3	1
57	Improving Speech Intelligibility by Hearing Aid Eye-Gaze Steering: Conditions With Head Fixated in a Multitalker Environment. Trends in Hearing, 2018, 22, 233121651881438.	1.3	19
58	Predicting consonant recognition and confusions in normal-hearing listeners. Journal of the Acoustical Society of America, 2017, 141, 1051-1064.	1.1	8
59	Auditory brainstem response latency in forward masking, a marker of sensory deficits in listeners with normal hearing thresholds. Hearing Research, 2017, 346, 34-44.	2.0	21
60	Noise-robust cortical tracking of attended speech in real-world acoustic scenes. NeuroImage, 2017, 156, 435-444.	4.2	174
61	Effects of hearing-aid dynamic range compression on spatial perception in a reverberant environment. Journal of the Acoustical Society of America, 2017, 141, 2556-2568.	1.1	23
62	Assessing the efficacy of hearing-aid amplification using a phoneme test. Journal of the Acoustical Society of America, 2017, 141, 1739-1748.	1.1	6
63	Preserving spatial perception in rooms using direct-sound driven dynamic range compression. Journal of the Acoustical Society of America, 2017, 141, 4556-4566.	1.1	13
64	Subcortical and cortical correlates of pitch discrimination: Evidence for two levels of neuroplasticity in musicians. NeuroImage, 2017, 163, 398-412.	4.2	36
65	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
66	Predicting effects of hearing-instrument signal processing on consonant perception. Journal of the Acoustical Society of America, 2017, 142, 3216-3226.	1.1	3
67	Real-time estimation of eye gaze by in-ear electrodes. , 2017, 2017, 4086-4089.		12
68	Cascaded Amplitude Modulations in Sound Texture Perception. Frontiers in Neuroscience, 2017, 11, 485.	2.8	11
69	Investigating time-efficiency of forward masking paradigms for estimating basilar membrane input-output characteristics. PLoS ONE, 2017, 12, e0174776.	2.5	5
70	Individual Hearing Loss. Trends in Hearing, 2016, 20, 233121651665589.	1.3	0
71	Impact of Background Noise and Sentence Complexity on Processing Demands during Sentence Comprehension. Frontiers in Psychology, 2016, 7, 345.	2.1	71
72	Temporal Fine-Structure Coding and Lateralized Speech Perception in Normal-Hearing and Hearing-Impaired Listeners. Trends in Hearing, 2016, 20, 233121651666096.	1.3	12

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73	Complex-Tone Pitch Discrimination in Listeners With Sensorineural Hearing Loss. Trends in Hearing, 2016, 20, 233121651665579.	1.3	7
74	The role of spectral detail in the binaural transfer function on perceived externalization in a reverberant environment. Journal of the Acoustical Society of America, 2016, 139, 2992-3000.	1.1	17
75	Predicting binaural speech intelligibility using the signal-to-noise ratio in the envelope power spectrum domain. Journal of the Acoustical Society of America, 2016, 140, 192-205.	1.1	20
76	Predicting speech intelligibility based on a correlation metric in the envelope power spectrum domain. Journal of the Acoustical Society of America, 2016, 140, 2670-2679.	1.1	43
77	Spatial Hearing with Incongruent Visual or Auditory Room Cues. Scientific Reports, 2016, 6, 37342.	3.3	27
78	Pitch Discrimination in Musicians and Non-Musicians: Effects of Harmonic Resolvability and Processing Effort. JARO - Journal of the Association for Research in Otolaryngology, 2016, 17, 69-79.	1.8	40
79	Can place-specific cochlear dispersion be represented by auditory steady-state responses?. Hearing Research, 2016, 335, 76-82.	2.0	5
80	Validation of a Virtual Sound Environment System for Testing Hearing Aids. Acta Acustica United With Acustica, 2016, 102, 547-557.	0.8	18
81	Sources of Variability in Consonant Perception and Implications for Speech Perception Modeling. Advances in Experimental Medicine and Biology, 2016, 894, 437-446.	1.6	1
82	Auditory profiling and hearing-aid satisfaction in hearing-aid candidates. Danish Medical Journal, 2016, 63, .	0.5	5
83	Speech Intelligibility Evaluation for Mobile Phones. Acta Acustica United With Acustica, 2015, 101, 1016-1025.	0.8	13
84	Sources of variability in consonant perception of normal-hearing listeners. Journal of the Acoustical Society of America, 2015, 138, 1253-1267.	1.1	26
85	Viscoelastic Nonlinear Resonator with Gas-Filled Cavities. Acta Acustica United With Acustica, 2015, 101, 915-919.	0.8	5
86	Effects of manipulating the signal-to-noise envelope power ratio on speech intelligibility. Journal of the Acoustical Society of America, 2015, 137, 1401-1410.	1.1	16
87	The role of reverberation-related binaural cues in the externalization of speech. Journal of the Acoustical Society of America, 2015, 138, 1154-1167.	1.1	31
88	Single channel speech enhancement in the modulation domain: New insights in the modulation channel selection framework. , 2015, , .		2
89	Perception of a Sung Vowel as a Function of Frequency-Modulation Rate and Excursion in Listeners With Normal Hearing and Hearing Impairment. Journal of Speech, Language, and Hearing Research, 2014, 57, 1961-1971.	1.6	0
90	Effects of tonotopicity, adaptation, modulation tuning, and temporal coherence in â€œprimitiveâ€• auditory stream segregation. Journal of the Acoustical Society of America, 2014, 135, 323-333.	1.1	13

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91	Investigating Interaural Frequency-Place Mismatches via Bimodal Vowel Integration. Trends in Hearing, 2014, 18, 233121651456059.	1.3	12
92	A Danish open-set speech corpus for competing-speech studies. Journal of the Acoustical Society of America, 2014, 135, 407-420.	1.1	16
93	Refining a model of hearing impairment using speech psychophysics. Journal of the Acoustical Society of America, 2014, 135, EL179-EL185.	1.1	3
94	The role of auditory spectro-temporal modulation filtering and the decision metric for speech intelligibility prediction. Journal of the Acoustical Society of America, 2014, 135, 3502-3512.	1.1	16
95	Computational speech segregation based on an auditory-inspired modulation analysis. Journal of the Acoustical Society of America, 2014, 136, 3350-3359.	1.1	11
96	Inversion of auditory spectrograms, traditional spectrograms, and other envelope representations. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, , 1-1.	5.8	13
97	Requirements for the evaluation of computational speech segregation systems. Journal of the Acoustical Society of America, 2014, 136, EL398-EL404.	1.1	21
98	Maximum acceptable vibrato excursion as a function of vibrato rate in musicians and non-musicians. Proceedings of Meetings on Acoustics, 2014, , .	0.3	0
99	Experimental Evidence for a Cochlear Source of the Precedence Effect. JARO - Journal of the Association for Research in Otolaryngology, 2013, 14, 767-779.	1.8	23
100	Cochlear Contributions to the Precedence Effect. Advances in Experimental Medicine and Biology, 2013, 787, 283-291.	1.6	1
101	Modelling Speech Intelligibility in Adverse Conditions. Advances in Experimental Medicine and Biology, 2013, 787, 343-351.	1.6	5
102	Environment-aware ideal binary mask estimation using monaural cues. , 2013, , .		7
103	Binaural dereverberation based on interaural coherence histograms. Journal of the Acoustical Society of America, 2013, 133, 2767-2777.	1.1	23
104	The influence of masker type on early reflection processing and speech intelligibility (L). Journal of the Acoustical Society of America, 2013, 133, 13-16.	1.1	8
105	Modeling within- and across-channel processes in comodulation masking release. Journal of the Acoustical Society of America, 2013, 133, 350-364.	1.1	16
106	The effect of interaural-level-difference fluctuations on the externalization of sound. Journal of the Acoustical Society of America, 2013, 134, 1232-1241.	1.1	25
107	A multi-resolution envelope-power based model for speech intelligibility. Journal of the Acoustical Society of America, 2013, 134, 436-446.	1.1	136
108	Contribution of envelope periodicity to release from speech-on-speech masking. Journal of the Acoustical Society of America, 2013, 134, 2197-2204.	1.1	12

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109	The role of across-frequency envelope processing for speech intelligibility. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
110	Spectral integration of interaural time differences in auditory localization. Proceedings of Meetings on Acoustics, 2013, , .	0.3	2
111	Modelling human auditory evoked brainstem responses to speech syllables. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1
112	The role of high-frequency envelope fluctuations for speech masking release. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
113	Efficient estimates of cochlear hearing loss parameters in individual listeners. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
114	A physiologically inspired model of auditory stream segregation based on a temporal coherence analysis. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
115	The effect of compression on tuning estimates in a simple nonlinear auditory filter model. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
116	Relating binaural pitch perception to the individual listenerâ€™s auditory profile. Journal of the Acoustical Society of America, 2012, 131, 2968-2986.	1.1	26
117	Modeling auditory evoked brainstem responses to transient stimuli. Journal of the Acoustical Society of America, 2012, 131, 3903-3913.	1.1	29
118	Relationship between masking release in fluctuating maskers and speech reception thresholds in stationary noise. Journal of the Acoustical Society of America, 2012, 132, 1655-1666.	1.1	25
119	Nonlinear time-domain cochlear model for transient stimulation and human otoacoustic emission. Journal of the Acoustical Society of America, 2012, 132, 3842-3848.	1.1	73
120	Effects of diotic fringes on interaural disparity detection (L). Journal of the Acoustical Society of America, 2012, 132, 2959-2962.	1.1	3
121	On the possibility of a place code for the low pitch of high-frequency complex tones. Journal of the Acoustical Society of America, 2012, 132, 3883-3895.	1.1	5
122	Relations between perceptual measures of temporal processing, auditory-evoked brainstem responses and speech intelligibility in noise. Hearing Research, 2011, 280, 30-37.	2.0	25
123	Temporal suppression of the click-evoked otoacoustic emission level-curve. Journal of the Acoustical Society of America, 2011, 129, 1452-1463.	1.1	16
124	The Danish hearing in noise test. International Journal of Audiology, 2011, 50, 202-208.	1.7	88
125	Predicting speech intelligibility based on the signal-to-noise envelope power ratio after modulation-frequency selective processing. Journal of the Acoustical Society of America, 2011, 130, 1475-1487.	1.1	224
126	Can a Static Nonlinearity Account for the Dynamics of Otoacoustic Emission Suppression?. , 2011, 1403, 257-263.		4

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127	Human cochlear tuning estimates from stimulus-frequency otoacoustic emissions. Journal of the Acoustical Society of America, 2011, 129, 3797-3807.	1.1	27
128	The role of temporal fine structure information for the low pitch of high-frequency complex tones. Journal of the Acoustical Society of America, 2011, 129, 282-292.	1.1	15
129	Characterizing auditory processing and perception in individual listeners with sensorineural hearing loss. Journal of the Acoustical Society of America, 2011, 129, 262-281.	1.1	52
130	The Effect of a Voice Activity Detector on the Speech Enhancement Performance of the Binaural Multichannel Wiener Filter. Eurasip Journal on Audio, Speech, and Music Processing, 2010, 2010, 1-12.	2.1	2
131	Prediction of speech intelligibility based on an auditory preprocessing model. Speech Communication, 2010, 52, 678-692.	2.8	51
132	Detection and Identification of Monaural and Binaural Pitch Contours in Dyslexic Listeners. JARO - Journal of the Association for Research in Otolaryngology, 2010, 11, 515-524.	1.8	7
133	Revisiting perceptual compensation for effects of reverberation in speech identification. Journal of the Acoustical Society of America, 2010, 128, 3088-3094.	1.1	13
134	Objective and Behavioral Estimates of Cochlear Response Times in Normal-Hearing and Hearing-Impaired Human Listeners. , 2010, , 597-607.		0
135	Relation between derived-band auditory brainstem response latencies and behavioral frequency selectivity. Journal of the Acoustical Society of America, 2009, 126, 1878-1888.	1.1	27
136	Estimation of cochlear response times using lateralization of frequency-mismatched tones. Journal of the Acoustical Society of America, 2009, 126, 1302-1311.	1.1	7
137	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
138	Relations between frequency selectivity, temporal fine-structure processing, and speech reception in impaired hearing. Journal of the Acoustical Society of America, 2009, 125, 3328-3345.	1.1	193
139	Development of a Danish speech intelligibility test. International Journal of Audiology, 2009, 48, 729-741.	1.7	62
140	Auditory stream formation affects comodulation masking release retroactively. Journal of the Acoustical Society of America, 2009, 125, 2182-2188.	1.1	47
141	Digital Signal Processing for Hearing Instruments. Eurasip Journal on Advances in Signal Processing, 2009, 2009, .	1.7	1
142	Auditory Processing Models. , 2008, , 175-196.		4
143	Temporal suppression and augmentation of click-evoked otoacoustic emissions. Hearing Research, 2008, 246, 23-35.	2.0	6
144	Binaural processing of modulated interaural level differences. Journal of the Acoustical Society of America, 2008, 123, 1017-1029.	1.1	24

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145	A computational model of human auditory signal processing and perception. Journal of the Acoustical Society of America, 2008, 124, 422-438.	1.1	157
146	Representation of Auditory-Filter Phase Characteristics in the Cortex of Human Listeners. Journal of Neurophysiology, 2008, 99, 1152-1162.	1.8	8
147	Modeling comodulation masking release using an equalization-cancellation mechanism. Journal of the Acoustical Society of America, 2007, 121, 2111-2126.	1.1	41
148	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
149	A neural circuit transforming temporal periodicity information into a rate-based representation in the mammalian auditory system. Journal of the Acoustical Society of America, 2007, 121, 310-326.	1.1	29
150	Comparison of level discrimination, increment detection, and comodulation masking release in the audio- and envelope-frequency domains. Journal of the Acoustical Society of America, 2007, 121, 2168-2181.	1.1	1
151	Binaural pitch perception in normal-hearing and hearing-impaired listeners. Hearing Research, 2007, 223, 29-47.	2.0	32
152	Forward Masking: Temporal Integration or Adaptation?. , 2007, , 165-174.		6
153	Spectro-temporal Processing of Speech â€“ An Information-Theoretic Framework. , 2007, , 517-523.		8
154	Effects of concurrent and sequential streaming in comodulation masking release. , 2005, , 334-342.		13
155	A Functional Point-Neuron Model Simulating Cochlear Nucleus Ideal Onset Responses. Journal of Computational Neuroscience, 2005, 19, 239-253.	1.0	2
156	The effects of neural synchronization and peripheral compression on the acoustic-reflex threshold. Journal of the Acoustical Society of America, 2005, 117, 3016-3027.	1.1	17
157	Influence of cochlear traveling wave and neural adaptation on auditory brainstem responses. Hearing Research, 2005, 205, 53-67.	2.0	19
158	Masker phase effects in normal-hearing and hearing-impaired listeners: Evidence for peripheral compression at low signal frequencies. Journal of the Acoustical Society of America, 2004, 116, 2248-2257.	1.1	40
159	External and internal limitations in amplitude-modulation processing. Journal of the Acoustical Society of America, 2004, 116, 478-490.	1.1	53
160	Searching for the optimal stimulus eliciting auditory brainstem responses in humans. Journal of the Acoustical Society of America, 2004, 116, 2213-2222.	1.1	106
161	The importance of cochlear processing for the formation of auditory brainstem and frequency following responses. Journal of the Acoustical Society of America, 2003, 113, 936-950.	1.1	97
162	Modulation masking produced by complex tone modulators. Journal of the Acoustical Society of America, 2003, 114, 2135-2146.	1.1	19

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163	Frequency specificity of chirp-evoked auditory brainstem responses. Journal of the Acoustical Society of America, 2002, 111, 1318-1329.	1.1	62
164	Spectro-temporal processing in the envelope-frequency domain. Journal of the Acoustical Society of America, 2002, 112, 2921-2931.	1.1	76
165	The representation of peripheral neural activity in the middle-latency evoked field of primary auditory cortex in humans. Hearing Research, 2002, 174, 19-31.	2.0	42
166	Modeling temporal and compressive properties of the normal and impaired auditory system. Hearing Research, 2001, 159, 132-149.	2.0	29
167	Modulation detection interference: Effects of concurrent and sequential streaming. Journal of the Acoustical Society of America, 2001, 110, 402-408.	1.1	40
168	Towards a measure of auditory-filter phase response. Journal of the Acoustical Society of America, 2001, 110, 3169-3178.	1.1	65
169	Reconciling frequency selectivity and phase effects in masking. Journal of the Acoustical Society of America, 2001, 110, 1525-1538.	1.1	47
170	On the role of envelope fluctuation processing in spectral masking. Journal of the Acoustical Society of America, 2000, 108, 285-296.	1.1	41
171	Auditory brainstem responses with optimized chirp signals compensating basilar-membrane dispersion. Journal of the Acoustical Society of America, 2000, 107, 1530-1540.	1.1	274
172	The influence of carrier level and frequency on modulation and beat-detection thresholds for sinusoidal carriers. Journal of the Acoustical Society of America, 2000, 108, 723-734.	1.1	225
173	Characterizing frequency selectivity for envelope fluctuations. Journal of the Acoustical Society of America, 2000, 108, 1181-1196.	1.1	235
174	MODELING THE â€˜EFFECTIVEâ€™ BINAURAL SIGNAL PROCESSING IN DETECTION EXPERIMENTS. , 1999, , 207-210.		4
175	Within-channel cues in comodulation masking release (CMR): Experiments and model predictions using a modulation-filterbank model. Journal of the Acoustical Society of America, 1999, 106, 2733-2745.	1.1	90
176	Intrinsic envelope fluctuations and modulation-detection thresholds for narrow-band noise carriers. Journal of the Acoustical Society of America, 1999, 106, 2752-2760.	1.1	93
177	ON THE RELATIONSHIP BETWEEN AUDITORY EVOKED POTENTIALS AND PSYCHOPHYSICAL LOUDNESS. , 1999, , 59-62.		1
178	MODELING ACROSS-FREQUENCY PROCESSING OF AMPLITUDE MODULATION. , 1999, , 229-234.		4
179	PSYCHOPHYSICAL TUNING IN AUDITORY AM-PROCESSING. , 1999, , 73-76.		0
180	Masking patterns for sinusoidal and narrow-band noise maskers. Journal of the Acoustical Society of America, 1998, 104, 1023-1038.	1.1	76

#	Article	IF	Citations
181	Modeling auditory processing of amplitude modulation. I. Detection and masking with narrow-band carriers. Journal of the Acoustical Society of America, 1997, 102, 2892-2905.	1.1	513
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