

Brian C J Moore

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

595
papers

24,129
citations

77
h-index

127
g-index

630
ext. papers

26,283
ext. citations

2.7
avg, IF

7.42
L-index

#	Paper	IF	Citations
595	Derivation of auditory filter shapes from notched-noise data. <i>Hearing Research</i> , 1990 , 47, 103-38	3.9	1784
594	Suggested formulae for calculating auditory-filter bandwidths and excitation patterns. <i>Journal of the Acoustical Society of America</i> , 1983 , 74, 750-3	2.2	674
593	Speech perception problems of the hearing impaired reflect inability to use temporal fine structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18866-9	11.5	385
592	Auditory filter shapes in subjects with unilateral and bilateral cochlear impairments. <i>Journal of the Acoustical Society of America</i> , 1986 , 79, 1020-33	2.2	331
591	The role of temporal fine structure processing in pitch perception, masking, and speech perception for normal-hearing and hearing-impaired people. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2008 , 9, 399-406	3.3	257
590	Formulae describing frequency selectivity as a function of frequency and level, and their use in calculating excitation patterns. <i>Hearing Research</i> , 1987 , 28, 209-25	3.9	239
589	Speech reception thresholds in noise with and without spectral and temporal dips for hearing-impaired and normally hearing people. <i>Journal of the Acoustical Society of America</i> , 1998 , 103, 577-87	2.2	235
588	Age-group differences in speech identification despite matched audiometrically normal hearing: contributions from auditory temporal processing and cognition. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 347	5.3	225
587	The shape of the ear's temporal window. <i>Journal of the Acoustical Society of America</i> , 1988 , 83, 1102-16	2.2	223
586	Thresholds for hearing mistuned partials as separate tones in harmonic complexes. <i>Journal of the Acoustical Society of America</i> , 1986 , 80, 479-83	2.2	218
585	Psychophysical tuning curves measured in simultaneous and forward masking. <i>Journal of the Acoustical Society of America</i> , 1978 , 63, 524-32	2.2	192
584	Relative dominance of individual partials in determining the pitch of complex tones. <i>Journal of the Acoustical Society of America</i> , 1985 , 77, 1853-1860	2.2	187
583	Modeling the additivity of nonsimultaneous masking. <i>Hearing Research</i> , 1994 , 80, 105-18	3.9	186
582	Gap detection as a function of frequency, bandwidth, and level. <i>Journal of the Acoustical Society of America</i> , 1983 , 74, 467-73	2.2	186
581	The effects of age and cochlear hearing loss on temporal fine structure sensitivity, frequency selectivity, and speech reception in noise. <i>Journal of the Acoustical Society of America</i> , 2011 , 130, 334-49	2.2	185
580	Speech-in-noise perception in high-functioning individuals with autism or Asperger's syndrome. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2004 , 45, 1107-14	7.9	176
579	Dead regions in the cochlea: diagnosis, perceptual consequences, and implications for the fitting of hearing AIDS. <i>Trends in Amplification</i> , 2001 , 5, 1-34		168

578	Perceptual consequences of cochlear hearing loss and their implications for the design of hearing aids. <i>Ear and Hearing</i> , 1996 , 17, 133-61	3.4	168
577	Effects of low-pass filtering on the intelligibility of speech in quiet for people with and without dead regions at high frequencies. <i>Journal of the Acoustical Society of America</i> , 2001 , 110, 1164-75	2.2	167
576	A revised model of loudness perception applied to cochlear hearing loss. <i>Hearing Research</i> , 2004 , 188, 70-88	3.9	156
575	Frequency discrimination as a function of frequency, measured in several ways. <i>Journal of the Acoustical Society of America</i> , 1995 , 97, 2479-86	2.2	155
574	Temporal window shape as a function of frequency and level. <i>Journal of the Acoustical Society of America</i> , 1990 , 87, 2178-87	2.2	153
573	A review of hyperacusis and future directions: part I. Definitions and manifestations. <i>American Journal of Audiology</i> , 2014 , 23, 402-19	1.8	152
572	Effects of low pass filtering on the intelligibility of speech in noise for people with and without dead regions at high frequencies. <i>Journal of the Acoustical Society of America</i> , 2002 , 112, 1133-44	2.2	149
571	Comodulation masking release (CMR): effects of signal frequency, flanking-band frequency, masker bandwidth, flanking-band level, and monotic versus dichotic presentation of the flanking band. <i>Journal of the Acoustical Society of America</i> , 1987 , 82, 1944-56	2.2	148
570	Intensity discrimination: a severe departure from Weber's law. <i>Journal of the Acoustical Society of America</i> , 1984 , 76, 1369-76	2.2	146
569	Dead regions in the cochlea: conceptual foundations, diagnosis, and clinical applications. <i>Ear and Hearing</i> , 2004 , 25, 98-116	3.4	145
568	Detection of frequency modulation at low modulation rates: evidence for a mechanism based on phase locking. <i>Journal of the Acoustical Society of America</i> , 1996 , 100, 2320-31	2.2	142
567	Properties of auditory stream formation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 919-31	5.8	139
566	Voice pitch as an aid to lipreading. <i>Nature</i> , 1981 , 291, 150-2	50.4	139
565	A summary of research investigating echolocation abilities of blind and sighted humans. <i>Hearing Research</i> , 2014 , 310, 60-8	3.9	137
564	Thresholds for the detection of inharmonicity in complex tones. <i>Journal of the Acoustical Society of America</i> , 1985 , 77, 1861-7	2.2	136
563	Effects of moderate cochlear hearing loss on the ability to benefit from temporal fine structure information in speech. <i>Journal of the Acoustical Society of America</i> , 2008 , 123, 1140-53	2.2	135
562	Gap detection and masking in hearing-impaired and normal-hearing subjects. <i>Journal of the Acoustical Society of America</i> , 1987 , 81, 1546-56	2.2	133
561	Additivity of masking in normally hearing and hearing-impaired subjects. <i>Journal of the Acoustical Society of America</i> , 1995 , 98, 1921-34	2.2	131

560	Pitch discrimination and phase sensitivity in young and elderly subjects and its relationship to frequency selectivity. <i>Journal of the Acoustical Society of America</i> , 1992 , 91, 2881-93	2.2	131
559	Primitive stream segregation of tone sequences without differences in fundamental frequency or passband. <i>Journal of the Acoustical Society of America</i> , 2002 , 112, 2074-85	2.2	126
558	Frequency selectivity as a function of level and frequency measured with uniformly exciting notched noise. <i>Journal of the Acoustical Society of America</i> , 2000 , 108, 2318-28	2.2	125
557	Inter-relationship between different psychoacoustic measures assumed to be related to the cochlear active mechanism. <i>Journal of the Acoustical Society of America</i> , 1999 , 106, 2761-78	2.2	124
556	Effects of spectral smearing on the intelligibility of sentences in noise. <i>Journal of the Acoustical Society of America</i> , 1993 , 94, 1229-1241	2.2	124
555	Notionally steady background noise acts primarily as a modulation masker of speech. <i>Journal of the Acoustical Society of America</i> , 2012 , 132, 317-26	2.2	122
554	The contribution of temporal fine structure to the intelligibility of speech in steady and modulated noise. <i>Journal of the Acoustical Society of America</i> , 2009 , 125, 442-6	2.2	119
553	Gap detection with sinusoids and noise in normal, impaired, and electrically stimulated ears. <i>Journal of the Acoustical Society of America</i> , 1988 , 83, 1093-101	2.2	118
552	Pure-tone intensity discrimination: some experiments relating to the "near-miss" to Weber's law. <i>Journal of the Acoustical Society of America</i> , 1974 , 55, 1049-54	2.2	117
551	Effects of spectral smearing on the intelligibility of sentences in the presence of interfering speech. <i>Journal of the Acoustical Society of America</i> , 1994 , 95, 2277-80	2.2	113
550	The role of spectral and periodicity cues in auditory stream segregation, measured using a temporal discrimination task. <i>Journal of the Acoustical Society of America</i> , 1999 , 106, 938-45	2.2	112
549	Auditory distance perception in humans: a review of cues, development, neuronal bases, and effects of sensory loss. <i>Attention, Perception, and Psychophysics</i> , 2016 , 78, 373-95	2	111
548	Perceived naturalness of spectrally distorted speech and music. <i>Journal of the Acoustical Society of America</i> , 2003 , 114, 408-19	2.2	111
547	New version of the TEN test with calibrations in dB HL. <i>Ear and Hearing</i> , 2004 , 25, 478-87	3.4	111
546	Detection of temporal gaps in sinusoids by elderly subjects with and without hearing loss. <i>Journal of the Acoustical Society of America</i> , 1992 , 92, 1923-32	2.2	111
545	Coding of sounds in the auditory system and its relevance to signal processing and coding in cochlear implants. <i>Otology and Neurotology</i> , 2003 , 24, 243-54	2.6	110
544	Perceptual Consequences of Cochlear Damage 1995 ,		109
543	Effect of loudness recruitment on the perception of amplitude modulation. <i>Journal of the Acoustical Society of America</i> , 1996 , 100, 481-489	2.2	107

542	Moderate cochlear hearing loss leads to a reduced ability to use temporal fine structure information. <i>Journal of the Acoustical Society of America</i> , 2007 , 122, 1055-68	2.2	106
541	Temporal modulation transfer functions obtained using sinusoidal carriers with normally hearing and hearing-impaired listeners. <i>Journal of the Acoustical Society of America</i> , 2001 , 110, 1067-73	2.2	104
540	Audibility of partials in inharmonic complex tones. <i>Journal of the Acoustical Society of America</i> , 1993 , 93, 452-61	2.2	100
539	Frequency and intensity difference limens for harmonics within complex tones. <i>Journal of the Acoustical Society of America</i> , 1984 , 75, 550-61	2.2	100
538	Auditory filter shapes at low center frequencies. <i>Journal of the Acoustical Society of America</i> , 1990 , 88, 132-40	2.2	98
537	The use of psychophysical tuning curves to explore dead regions in the cochlea. <i>Ear and Hearing</i> , 2001 , 22, 268-78	3.4	97
536	Benefits of linear amplification and multichannel compression for speech comprehension in backgrounds with spectral and temporal dips. <i>Journal of the Acoustical Society of America</i> , 1999 , 105, 400-11	2.2	97
535	Modeling binaural loudness. <i>Journal of the Acoustical Society of America</i> , 2007 , 121, 1604-12	2.2	96
534	Comodulation masking release (CMR) as a function of masker bandwidth, modulator bandwidth, and signal duration. <i>Journal of the Acoustical Society of America</i> , 1989 , 85, 273-81	2.2	96
533	Abnormal processing of temporal fine structure in speech for frequencies where absolute thresholds are normal. <i>Journal of the Acoustical Society of America</i> , 2009 , 125, 27-30	2.2	93
532	Evaluation of a dual-channel full dynamic range compression system for people with sensorineural hearing loss. <i>Ear and Hearing</i> , 1992 , 13, 349-70	3.4	91
531	Continuous versus gated pedestals and the "severe departure" from Weber's law. <i>Journal of the Acoustical Society of America</i> , 1986 , 79, 453-60	2.2	91
530	Psychoacoustic consequences of compression in the peripheral auditory system. <i>Psychological Review</i> , 1998 , 105, 108-24	6.3	90
529	Tolerable hearing aid delays. I. Estimation of limits imposed by the auditory path alone using simulated hearing losses. <i>Ear and Hearing</i> , 1999 , 20, 182-92	3.4	90
528	Multistability in perception: binding sensory modalities, an overview. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 896-905	5.8	87
527	Effects of envelope fluctuations on gap detection. <i>Hearing Research</i> , 1992 , 64, 81-92	3.9	87
526	Syllabic compression: effective compression ratios for signals modulated at different rates. <i>International Journal of Audiology</i> , 1992 , 26, 351-61		84
525	Growth of forward masking for sinusoidal and noise maskers as a function of signal delay; implications for suppression in noise. <i>Journal of the Acoustical Society of America</i> , 1983 , 73, 1249-59	2.2	84

524	Gap detection and the auditory filter: phase effects using sinusoidal stimuli. <i>Journal of the Acoustical Society of America</i> , 1987 , 81, 1110-7	2.2	82
523	Simulation of the effects of loudness recruitment and threshold elevation on the intelligibility of speech in quiet and in a background of speech. <i>Journal of the Acoustical Society of America</i> , 1993 , 94, 2050-62	2.2	81
522	Dynamic range and asymmetry of the auditory filter. <i>Journal of the Acoustical Society of America</i> , 1984 , 76, 419-27	2.2	81
521	The choice of compression speed in hearing AIDS: theoretical and practical considerations and the role of individual differences. <i>Trends in Amplification</i> , 2008 , 12, 103-12		80
520	Development of a new method for deriving initial fittings for hearing aids with multi-channel compression: CAMEQ2-HF. <i>International Journal of Audiology</i> , 2010 , 49, 216-27	2.6	78
519	Auditory filter shapes at low center frequencies in young and elderly hearing-impaired subjects. <i>Journal of the Acoustical Society of America</i> , 1992 , 91, 256-66	2.2	78
518	AMTAS: automated method for testing auditory sensitivity: validation studies. <i>International Journal of Audiology</i> , 2010 , 49, 185-94	2.6	76
517	Development of a fast method for determining psychophysical tuning curves. <i>International Journal of Audiology</i> , 2005 , 44, 408-20	2.6	76
516	Use of a loudness model for hearing-aid fitting. I. Linear hearing aids. <i>International Journal of Audiology</i> , 1998 , 32, 317-35		76
515	Auditory filter shapes derived in simultaneous and forward masking. <i>Journal of the Acoustical Society of America</i> , 1981 , 70, 1003-14	2.2	76
514	Spectro-temporal characteristics of speech at high frequencies, and the potential for restoration of audibility to people with mild-to-moderate hearing loss. <i>Ear and Hearing</i> , 2008 , 29, 907-22	3.4	75
513	Mechanisms underlying the frequency discrimination of pulsed tones and the detection of frequency modulation. <i>Journal of the Acoustical Society of America</i> , 1989 , 86, 1722-1732	2.2	75
512	Effects of carrier frequency, modulation rate, and modulation waveform on the detection of modulation and the discrimination of modulation type (amplitude modulation versus frequency modulation). <i>Journal of the Acoustical Society of America</i> , 1995 , 97, 2468-78	2.2	74
511	Effects of carrier frequency and background noise on the detection of mixed modulation. <i>Journal of the Acoustical Society of America</i> , 1994 , 96, 741-51	2.2	74
510	The relationship between tinnitus pitch and the edge frequency of the audiogram in individuals with hearing impairment and tonal tinnitus. <i>Hearing Research</i> , 2010 , 261, 51-6	3.9	72
509	The importance for speech intelligibility of random fluctuations in "steady" background noise. <i>Journal of the Acoustical Society of America</i> , 2011 , 130, 2874-81	2.2	72
508	Benefit of high-rate envelope cues in vocoder processing: effect of number of channels and spectral region. <i>Journal of the Acoustical Society of America</i> , 2008 , 124, 2272-82	2.2	72
507	Effects of frequency and level on auditory stream segregation. <i>Journal of the Acoustical Society of America</i> , 2000 , 108, 1209-14	2.2	72

506	Detection of temporal gaps in sinusoids: effects of frequency and level. <i>Journal of the Acoustical Society of America</i> , 1993 , 93, 1563-70	2.2	72
505	A review of hyperacusis and future directions: part II. Measurement, mechanisms, and treatment. <i>American Journal of Audiology</i> , 2014 , 23, 420-36	1.8	71
504	Enhanced frequency discrimination near the hearing loss cut-off: a consequence of central auditory plasticity induced by cochlear damage?. <i>Brain</i> , 2003 , 126, 2235-45	11.2	71
503	Perception of Pitch by People with Cochlear Hearing Loss and by Cochlear Implant Users 2005 , 234-277		71
502	Frequency discrimination of complex tones with overlapping and non-overlapping harmonics. <i>Journal of the Acoustical Society of America</i> , 1990 , 87, 2163-77	2.2	70
501	The influence of age and high-frequency hearing loss on sensitivity to temporal fine structure at low frequencies (L). <i>Journal of the Acoustical Society of America</i> , 2012 , 131, 1003-6	2.2	68
500	Side effects of fast-acting dynamic range compression that affect intelligibility in a competing speech task. <i>Journal of the Acoustical Society of America</i> , 2004 , 116, 2311-23	2.2	68
499	Temporal integration and context effects in hearing. <i>Journal of Phonetics</i> , 2003 , 31, 563-574	2.2	68
498	Comparison of different forms of compression using wearable digital hearing aids. <i>Journal of the Acoustical Society of America</i> , 1999 , 106, 3603-19	2.2	68
497	A comparison of behind-the-ear high-fidelity linear hearing aids and two-channel compression aids, in the laboratory and in everyday life. <i>International Journal of Audiology</i> , 1983 , 17, 31-48		68
496	Contralateral and ipsilateral cueing in forward masking. <i>Journal of the Acoustical Society of America</i> , 1982 , 71, 942-5	2.2	68
495	Auditory filter asymmetry in the hearing impaired. <i>Journal of the Acoustical Society of America</i> , 1984 , 76, 1363-8	2.2	67
494	Detection of frequency modulation by hearing-impaired listeners: effects of carrier frequency, modulation rate, and added amplitude modulation. <i>Journal of the Acoustical Society of America</i> , 2002 , 111, 327-35	2.2	66
493	Masking patterns for sinusoidal and narrow-band noise maskers. <i>Journal of the Acoustical Society of America</i> , 1998 , 104, 1023-38	2.2	66
492	A comparison of four methods of implementing automatic gain control (AGC) in hearing aids. <i>International Journal of Audiology</i> , 1988 , 22, 93-104		66
491	Refining the measurement of psychophysical tuning curves. <i>Journal of the Acoustical Society of America</i> , 1984 , 76, 1057-66	2.2	66
490	Detection of temporal gaps in bandlimited noise: effects of variations in bandwidth and signal-to-masker ratio. <i>Journal of the Acoustical Society of America</i> , 1985 , 77, 635-9	2.2	66
489	Effect of spatial separation, extended bandwidth, and compression speed on intelligibility in a competing-speech task. <i>Journal of the Acoustical Society of America</i> , 2010 , 128, 360-71	2.2	65

488	Prediction of absolute thresholds and equal-loudness contours using a modified loudness model. <i>Journal of the Acoustical Society of America</i> , 2006 , 120, 585-8	2.2	65
487	Evaluation of the noise reduction system in a commercial digital hearing aid. <i>International Journal of Audiology</i> , 2003 , 42, 34-42	2.6	65
486	Perception of the low pitch of frequency-shifted complexes. <i>Journal of the Acoustical Society of America</i> , 2003 , 113, 977-85	2.2	65
485	Detection and discrimination of spectral peaks and notches at 1 and 8 kHz. <i>Journal of the Acoustical Society of America</i> , 1989 , 85, 820-36	2.2	65
484	Comparisons of frequency selectivity in simultaneous and forward masking for subjects with unilateral cochlear impairments. <i>Journal of the Acoustical Society of America</i> , 1986 , 80, 93-107	2.2	65
483	Development of a fast method for determining sensitivity to temporal fine structure. <i>International Journal of Audiology</i> , 2009 , 48, 161-71	2.6	64
482	Effects of flanking noise bands on the rate of growth of loudness of tones in normal and recruiting ears. <i>Journal of the Acoustical Society of America</i> , 1985 , 77, 1505-13	2.2	64
481	Frequency discrimination of complex tones; assessing the role of component resolvability and temporal fine structure. <i>Journal of the Acoustical Society of America</i> , 2006 , 119, 480-90	2.2	63
480	Detection of combined frequency and amplitude modulation. <i>Journal of the Acoustical Society of America</i> , 1992 , 92, 3119-31	2.2	63
479	Temporal modulation transfer functions for band-limited noise in subjects with cochlear hearing loss. <i>International Journal of Audiology</i> , 1992 , 26, 229-37		62
478	The importance of temporal fine structure information in speech at different spectral regions for normal-hearing and hearing-impaired subjects. <i>Journal of the Acoustical Society of America</i> , 2010 , 127, 1595-608	2.2	61
477	Perceptual grouping of tone sequences by normally hearing and hearing-impaired listeners. <i>Journal of the Acoustical Society of America</i> , 1997 , 102, 1768-78	2.2	61
476	Detection of temporal gaps in sinusoids by normally hearing and hearing-impaired subjects. <i>Journal of the Acoustical Society of America</i> , 1989 , 85, 1266-75	2.2	60
475	Across-channel masking and comodulation masking release. <i>Journal of the Acoustical Society of America</i> , 1990 , 87, 1683-94	2.2	60
474	Quantifying the effects of fast-acting compression on the envelope of speech. <i>Journal of the Acoustical Society of America</i> , 2007 , 121, 1654-64	2.2	58
473	Effect of the speed of a single-channel dynamic range compressor on intelligibility in a competing speech task. <i>Journal of the Acoustical Society of America</i> , 2003 , 114, 1023-34	2.2	58
472	Tinnitus and hyperacusis therapy in a UK National Health Service audiology department: Patients' evaluations of the effectiveness of treatments. <i>International Journal of Audiology</i> , 2016 , 55, 514-22	2.6	57
471	Prevalence of dead regions in subjects with sensorineural hearing loss. <i>Ear and Hearing</i> , 2007 , 28, 231-43	3.4	57

470	Resolvability of components in complex tones and implications for theories of pitch perception. <i>Hearing Research</i> , 2011 , 276, 88-97	3.9	56
469	Effects of spectro-temporal modulation changes produced by multi-channel compression on intelligibility in a competing-speech task. <i>Journal of the Acoustical Society of America</i> , 2008 , 123, 1063-76 ^{2.2}		56
468	Using transposition to improve consonant discrimination and detection for listeners with severe high-frequency hearing loss. <i>International Journal of Audiology</i> , 2007 , 46, 293-308	2.6	56
467	Frequency selectivity and temporal resolution in normal and hearing-impaired listeners. <i>International Journal of Audiology</i> , 1985 , 19, 189-201		56
466	Development of a fast method for measuring sensitivity to temporal fine structure information at low frequencies. <i>International Journal of Audiology</i> , 2010 , 49, 940-6	2.6	55
465	Binaural temporal fine structure sensitivity, cognitive function, and spatial speech recognition of hearing-impaired listeners (L). <i>Journal of the Acoustical Society of America</i> , 2012 , 131, 2561-4	2.2	55
464	Discrimination of the fundamental frequency of complex tones with fixed and shifting spectral envelopes by normally hearing and hearing-impaired subjects. <i>Hearing Research</i> , 2003 , 182, 153-63	3.9	55
463	Tolerable hearing aid delays. V. Estimation of limits for open canal fittings. <i>Ear and Hearing</i> , 2008 , 29, 601-17	3.4	54
462	Tolerable hearing aid delays. III. Effects on speech production and perception of across-frequency variation in delay. <i>Ear and Hearing</i> , 2003 , 24, 175-83	3.4	54
461	Comodulation masking release for various monaural and binaural combinations of the signal, on-frequency, and flanking bands. <i>Journal of the Acoustical Society of America</i> , 1989 , 85, 262-72	2.2	54
460	The effects of age on temporal fine structure sensitivity in monaural and binaural conditions. <i>International Journal of Audiology</i> , 2012 , 51, 715-21	2.6	53
459	Comparison of the roex and gammachirp filters as representations of the auditory filter. <i>Journal of the Acoustical Society of America</i> , 2006 , 120, 1474-92	2.2	53
458	Tolerable hearing aid delays. II. Estimation of limits imposed during speech production. <i>Ear and Hearing</i> , 2002 , 23, 325-38	3.4	53
457	Performance of some of the better cochlear-implant patients. <i>Journal of Speech, Language, and Hearing Research</i> , 1989 , 32, 887-911	2.8	53
456	Improvements in speech intelligibility in quiet and in noise produced by two-channel compression hearing aids. <i>International Journal of Audiology</i> , 1985 , 19, 175-87		53
455	On the near non-existence of "pure" energetic masking release for speech. <i>Journal of the Acoustical Society of America</i> , 2014 , 135, 1967-77	2.2	52
454	Factors affecting psychophysical tuning curves for hearing-impaired subjects with high-frequency dead regions. <i>Hearing Research</i> , 2005 , 200, 115-31	3.9	52
453	Frequency discrimination of complex tones by hearing-impaired subjects: Evidence for loss of ability to use temporal fine structure. <i>Hearing Research</i> , 2006 , 222, 16-27	3.9	52

452	Frequency difference limens at high frequencies: evidence for a transition from a temporal to a place code. <i>Journal of the Acoustical Society of America</i> , 2012 , 132, 1542-7	2.2	51
451	Effects of the build-up and resetting of auditory stream segregation on temporal discrimination. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2008 , 34, 992-1006	2.6	51
450	Dead regions and pitch perception. <i>Journal of the Acoustical Society of America</i> , 2005 , 117, 3841-52	2.2	51
449	Basic auditory processes involved in the analysis of speech sounds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008 , 363, 947-63	5.8	50
448	Comparison of auditory filter shapes derived with three different maskers. <i>Journal of the Acoustical Society of America</i> , 1984 , 75, 536-44	2.2	50
447	Short-term temporal integration: evidence for the influence of peripheral compression. <i>Journal of the Acoustical Society of America</i> , 1997 , 101, 3676-87	2.2	49
446	Extended High-Frequency Bandwidth Improves Speech Reception in the Presence of Spatially Separated Masking Speech. <i>Ear and Hearing</i> , 2015 , 36, e214-24	3.4	48
445	Simulation of the effect of threshold elevation and loudness recruitment combined with reduced frequency selectivity on the intelligibility of speech in noise. <i>Journal of the Acoustical Society of America</i> , 1997 , 102, 603-15	2.2	48
444	Determination of preferred parameters for multichannel compression using individually fitted simulated hearing AIDS and paired comparisons. <i>Ear and Hearing</i> , 2011 , 32, 556-68	3.4	47
443	Factors affecting thresholds for sinusoidal signals in narrow-band maskers with fluctuating envelopes. <i>Journal of the Acoustical Society of America</i> , 1987 , 82, 69-79	2.2	47
442	"Suppression" effects in forward masking. <i>Journal of the Acoustical Society of America</i> , 1977 , 62, 781-4	2.2	47
441	Optimization of a slow-acting automatic gain control system for use in hearing aids. <i>International Journal of Audiology</i> , 1991 , 25, 171-82		46
440	Detection of tones in noise and the "severe departure" from Weber's law. <i>Journal of the Acoustical Society of America</i> , 1986 , 79, 461-4	2.2	46
439	Tune recognition with reduced pitch and interval information. <i>The Quarterly Journal of Experimental Psychology</i> , 1979 , 31, 229-40		45
438	Auditory Processing of Temporal Fine Structure 2014 ,		44
437	Factors related to uncomfortable loudness levels for patients seen in a tinnitus and hyperacusis clinic. <i>International Journal of Audiology</i> , 2017 , 56, 793-800	2.6	43
436	The value of routine real ear measurement of the gain of digital hearing aids. <i>Journal of the American Academy of Audiology</i> , 2007 , 18, 653-64	1.3	43
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