Dennis McFadden

List of Publications by Year
in descending order

70 papers	2,936 citations	159585 30 h-index	168389 53 g-index
75 all docs	75 docs citations	75 times ranked	1136 citing authors

#	Article	IF	Citations
1	Lateralization at high frequencies based on interaural time differences. Journal of the Acoustical Society of America, 1976, 59, 634-639.	1.1	248
2	Relative Lengths of Fingers and Toes in Human Males and Females. Hormones and Behavior, 2002, 42, 492-500.	2.1	209
3	A speculation about the parallel ear asymmetries and sex differences in hearing sensitivity and otoacoustic emissions. Hearing Research, 1993, 68, 143-151.	2.0	148
4	Sex differences in the auditory system. Developmental Neuropsychology, 1998, 14, 261-298.	1.4	139
5	Aspirin abolishes spontaneous otoâ€acoustic emissions. Journal of the Acoustical Society of America, 1984, 76, 443-448.	1.1	133
6	Partial dissociation of spontaneous otoacoustic emissions and distortion products during aspirin use in humans. Journal of the Acoustical Society of America, 1988, 84, 230-237.	1.1	108
7	A Reanalysis of Five Studies on Sexual Orientation and the Relative Length of the 2nd and 4th Fingers (the 2D:4D Ratio). Archives of Sexual Behavior, 2005, 34, 341-356.	1.9	105
8	Comodulation masking release: Effects of varying the level, duration, and time delay of the cue band. Journal of the Acoustical Society of America, 1986, 80, 1658-1667.	1.1	103
9	Masculinization effects in the auditory system. Archives of Sexual Behavior, 2002, 31, 99-111.	1.9	87
10	Comparison of Auditory Evoked Potentials in Heterosexual, Homosexual, and Bisexual Males and Females. JARO - Journal of the Association for Research in Otolaryngology, 2000, 1, 89-99.	1.8	83
11	On the relation between hearing sensitivity and otoacoustic emissions. Hearing Research, 1993, 71, 208-213.	2.0	73
12	Spontaneous otoacoustic emissions in heterosexuals, homosexuals, and bisexuals. Journal of the Acoustical Society of America, 1999, 105, 2403-2413.	1.1	73
13	Comodulation detection differences using noiseâ€band signals. Journal of the Acoustical Society of America, 1987, 81, 1519-1527.	1.1	71
14	Masculinizing effects on otoacoustic emissions and auditory evoked potentials in women using oral contraceptives. Hearing Research, 2000, 142, 23-33.	2.0	59
15	Reductions in overshoot during aspirin use. Journal of the Acoustical Society of America, 1990, 87, 2634-2642.	1.1	53
16	Temporal decline of masking and comodulation detection differences. Journal of the Acoustical Society of America, 1990, 88, 711-724.	1.1	52
17	Otoacoustic emissions and quinine sulfate. Journal of the Acoustical Society of America, 1994, 95, 3460-3474.	1.1	52
18	Masculinization of the mammalian cochlea. Hearing Research, 2009, 252, 37-48.	2.0	52

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19	Spectral differences in the ability of temporal gaps to reset the mechanisms underlying overshoot. Journal of the Acoustical Society of America, 1989, 85, 254-261.	1.1	51
20	On the heritability of spontaneous otoacoustic emissions: A twins study. Hearing Research, 1995, 85, 181-198.	2.0	50
21	The relative lengths and weights of metacarpals and metatarsals in baboons (papio hamadryas). Hormones and Behavior, 2003, 43, 347-355.	2.1	50
22	Sex differences in distortion-product and transient-evoked otoacoustic emissions compared. Journal of the Acoustical Society of America, 2009, 125, 239-246.	1.1	50
23	Sex differences in otoacoustic emissions measured in rhesus monkeys (Macaca mulatta). Hormones and Behavior, 2006, 50, 274-284.	2.1	49
24	Sex differences in the relative lengths of metacarpals and metatarsals in gorillas and chimpanzees. Hormones and Behavior, 2005, 47, 99-111.	2.1	48
25	The relationships between otoacoustic emissions and relative lengths of fingers and toes in humans. Hormones and Behavior, 2003, 43, 421-429.	2.1	44
26	Reductions in overshoot following intense sound exposures. Journal of the Acoustical Society of America, 1989, 85, 2005-2011.	1.1	42
27	Changes in otoacoustic emissions during selective auditory and visual attention. Journal of the Acoustical Society of America, 2015, 137, 2737-2757.	1.1	37
28	Precedence effects and auditory cells with long characteristic delays. Journal of the Acoustical Society of America, 1973, 54, 528-530.	1.1	34
29	Temporal decline of masking and comodulation masking release. Journal of the Acoustical Society of America, 1992, 92, 144-156.	1.1	33
30	What Do Sex, Twins, Spotted Hyenas, ADHD, and Sexual Orientation Have in Common?. Perspectives on Psychological Science, 2008, 3, 309-323.	9.0	32
31	Effect of prenatal androgens on click-evoked otoacoustic emissions in male and female sheep (Ovis) Tj ETQq1 1 0.784314 rgBT /Over	2.1	31
32	Binaural detection at high frequencies with timeâ€delayed waveforms. Journal of the Acoustical Society of America, 1978, 63, 1120-1131.	1.1	28
33	Society of America, 1993, 94, 72-82.	1.1	28
34	Masculinized otoacoustic emissions in female spotted hyenas (Crocuta crocuta). Hormones and Behavior, 2006, 50, 285-292.	2.1	28
35	Sex and race differences in the relative lengths of metacarpals and metatarsals in human skeletons. Early Human Development, 2009, 85, 117-124.	1.8	28
36	Sexual orientation and the auditory system. Frontiers in Neuroendocrinology, 2011, 32, 201-213.	5.2	28

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37	Acoustic integration for lateralization at high frequencies. Journal of the Acoustical Society of America, 1977, 61, 1604-1608.	1.1	27
38	Selective attention reduces physiological noise in the external ear canals of humans. I: Auditory attention. Hearing Research, 2014, 312, 143-159.	2.0	27
39	Changes in otoacoustic emissions in a transsexual male during treatment with estrogen. Journal of the Acoustical Society of America, 1998, 104, 1555-1558.	1.1	26
40	Overshoot measured physiologically and psychophysically in the same human ears. Hearing Research, 2010, 268, 22-37.	2.0	26
41	Frequency patterns of TTS for different exposure intensities. Journal of the Acoustical Society of America, 1983, 74, 1178-1184.	1.1	22
42	An automated procedure for identifying spontaneous otoacoustic emissions. Journal of the Acoustical Society of America, 2000, 108, 1105.	1.1	22
43	Durationâ"intensity reciprocity for equal loudness. Journal of the Acoustical Society of America, 1975, 57, 702-704.	1.1	20
44	Differences by sex, ear, and sexual orientation in the time intervals between successive peaks in auditory evoked potentials. Hearing Research, 2010, 270, 56-64.	2.0	20
45	Selective attention reduces physiological noise in the external ear canals of humans. II: Visual attention. Hearing Research, 2014, 312, 160-167.	2.0	19
46	Monaural and Binaural Masking Patterns for a Lowâ€Frequency Tone. Journal of the Acoustical Society of America, 1972, 51, 534-543.	1.1	15
47	Overshoot using very short signal delays. Journal of the Acoustical Society of America, 2010, 128, 1915-1921.	1.1	13
48	Lateralization and Detection of a Tonal Signal in Noise. Journal of the Acoustical Society of America, 1969, 45, 1505-1509.	1.1	12
49	Upward shifts in the masking pattern with increasing masker intensity. Journal of the Acoustical Society of America, 1983, 74, 1185-1189.	1.1	12
50	Otoacoustic emissions, auditory evoked potentials and self-reported gender in people affected by disorders of sex development (DSD). Hormones and Behavior, 2014, 66, 467-474.	2.1	12
51	Comodulation masking release in a forwardâ€masking paradigm. Journal of the Acoustical Society of America, 1987, 82, 1615-1620.	1.1	11
52	Detectability of Interaural Time Differences and Interaural Level Differences as a Function of Signal Duration. Journal of the Acoustical Society of America, 1972, 52, 574-576.	1.1	10
53	Absence of overshoot in a dichotic masking condition. Journal of the Acoustical Society of America, 1988, 83, 1685-1687.	1.1	9
54	Correlations between otoacoustic emissions and performance in common psychoacoustical tasks. Journal of the Acoustical Society of America, 2018, 143, 2355-2367.	1.1	9

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55	Lateralization and Detection of Noiseâ€Masked Tones of Different Durations. Journal of the Acoustical Society of America, 1971, 49, 1191-1194.	1.1	8
56	Uncertainty about the correlation among temporal envelopes in two comodulation tasks. Journal of the Acoustical Society of America, 1990, 88, 1339-1350.	1.1	8
57	Comparing behavioral and physiological measures of combination tones: Sex and race differences. Journal of the Acoustical Society of America, 2012, 132, 968-983.	1.1	8
58	Auditory evoked potentials: Differences by sex, race, and menstrual cycle and correlations with common psychoacoustical tasks. PLoS ONE, 2021, 16, e0251363.	2.5	8
59	Highâ€frequency maskingâ€level differences with narrowâ€band noise signals. Journal of the Acoustical Society of America, 1974, 56, 1226-1230.	1.1	7
60	Relationships between otoacoustic emissions and a proxy measure of cochlear length derived from the auditory brainstem response. Hearing Research, 2012, 289, 63-73.	2.0	7
61	Intense sounds may alter the mechanical properties of the cochlear partition. Journal of the Acoustical Society of America, 1983, 74, 447-455.	1.1	6
62	Dissociation between distortion-product and click-evoked otoacoustic emissions in sheep (<i>Ovis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	6
63	Differences in common psychoacoustical tasks by sex, menstrual cycle, and race. Journal of the Acoustical Society of America, 2018, 143, 2338-2354.	1.1	6
64	Beatâ€like interaction between periodic waveforms. Journal of the Acoustical Society of America, 1975, 57, 983-983.	1.1	5
65	Height and 2D:4D Within and Between Ethnic Groups: Reply to Hurd and van Anders (2007). Archives of Sexual Behavior, 2007, 36, 143-143.	1.9	5
66	The problem of different interaural time differences at different frequencies. Journal of the Acoustical Society of America, 1981, 69, 1836-1837.	1.1	4
67	On Possible Hormonal Mechanisms Affecting Sexual Orientation. Archives of Sexual Behavior, 2017, 46, 1609-1614.	1.9	4
68	Temporary Threshold Shift Measured with Two Psychophysical Procedures. International Journal of Audiology, 1988, 27, 334-343.	1.7	1
69	Reply to J. C. Stevens [J. Acoust. Soc. Am. 59, 473â€"474 (1976)]. Journal of the Acoustical Society of America, 1976, 59, 475-475.	1.1	0
70	Why Did the Earwitnesses to the John F. Kennedy Assassination Not Agree About the Location of the Gunman?. Frontiers in Psychology, 2021, 12, 763432.	2.1	0