William M Hartmann

List of Publications by Year
in descending order

42	1,572	361413	302126
papers	citations	20 h-index	39 g-index

59	59	59	962
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the externalization of sound images. Journal of the Acoustical Society of America, 1996, 99, 3678-3688.	1.1	196
2	Human interaural time difference thresholds for sine tones: The high-frequency limit. Journal of the Acoustical Society of America, 2013, 133, 2839-2855.	1.1	156
3	How We Localize Sound. Physics Today, 1999, 52, 24-29.	0.3	131
4	Pitch, periodicity, and auditory organization. Journal of the Acoustical Society of America, 1996, 100, 3491-3502.	1.1	108
5	The pitch of a mistuned harmonic: Evidence for a template model. Journal of the Acoustical Society of America, 1998, 103, 2608-2617.	1.1	92
6	Psychophysical and Physiological Evidence for a Precedence Effect in the Median Sagittal Plane. Journal of Neurophysiology, 1997, 77, 2223-2226.	1.8	64
7	Localization of sound in rooms. V. Binaural coherence and human sensitivity to interaural time differences in noise. Journal of the Acoustical Society of America, 2010, 128, 3052-3063.	1.1	63
8	Interaural level differences and the level-meter model. Journal of the Acoustical Society of America, 2002, 112, 1037-1045.	1.1	61
9	The acoustical bright spot and mislocalization of tones by human listeners. Journal of the Acoustical Society of America, 2010, 127, 1440-1449.	1.1	57
10	Release from speech-on-speech masking by adding a delayed masker at a different location. Journal of the Acoustical Society of America, 2006, 119, 1597-1605.	1.1	50
11	On the source-identification method. Journal of the Acoustical Society of America, 1998, 104, 3546-3557.	1.1	44
12	Transaural experiments and a revised duplex theory for the localization of low-frequency tones. Journal of the Acoustical Society of America, 2016, 139, 968-985.	1.1	39
13	Interaural fluctuations and the detection of interaural incoherence: Bandwidth effects. Journal of the Acoustical Society of America, 2006, 119, 3971-3986.	1.1	38
14	Enhancing and unmasking the harmonics of a complex tone. Journal of the Acoustical Society of America, 2006, 120, 2142-2157.	1.1	36
15	Testing, correcting, and extending the Woodworth model for interaural time difference. Journal of the Acoustical Society of America, 2014, 135, 817-823.	1.1	33
16	Interaural fluctuations and the detection of interaural incoherence. III. Narrowband experiments and binaural models. Journal of the Acoustical Society of America, 2007, 122, 1029-1045.	1.1	32
17	On the ability of human listeners to distinguish between front and back. Hearing Research, 2010, 260, 30-46.	2.0	28
18	Identification and localization of sound sources in the median sagittal plane. Journal of the Acoustical Society of America, 1999, 106, 2812-2820.	1.1	25

#	Article	IF	Citations
19	Echo suppression in the horizontal and median sagittal planes. Journal of the Acoustical Society of America, 2000, 107, 1061-1064.	1.1	22
20	A framework for testing and comparing binaural models. Hearing Research, 2018, 360, 92-106.	2.0	18
21	On the detection of dispersion in the head-related transfer function. Journal of the Acoustical Society of America, 2003, 114, 998-1008.	1.1	17
22	Lateralization of sine tonesâ€“interaural time vs phase. Journal of the Acoustical Society of America, 2006, 120, 3471-3474.	1.1	17
23	Binaural coherence edge pitch. Journal of the Acoustical Society of America, 2001, 109, 294-305.	1.1	16
24	Anatomical limits on interaural time differences: an ecological perspective. Frontiers in Neuroscience, 2014, 8, 34.	2.8	16
25	Generating partially correlated noiseâ€”A comparison of methods. Journal of the Acoustical Society of America, 2011, 130, 292-301.	1.1	14
26	Binaural models and the strength of dichotic pitches. Journal of the Acoustical Society of America, 2003, 114, 3317-3326.	1.1	13
27	Computing interaural differences through finite element modeling of idealized human heads. Journal of the Acoustical Society of America, 2015, 138, 1549-1560.	1.1	11
28	Localization of noise in a reverberant environment. , 2005, , 413-421.		10
29	Interaural coherence for noise bands: Waveforms and envelopes. Journal of the Acoustical Society of America, 2010, 127, 1367-1372.	1.1	9
30	Interaural fluctuations and the detection of interaural incoherence. II. Brief duration noises. Journal of the Acoustical Society of America, 2007, 121, 2127-2136.	1.1	8
31	Noise edge pitch and models of pitch perception. Journal of the Acoustical Society of America, 2019, 145, 1993-2008.	1.1	7
32	Localization and Lateralization of Sound. Springer Handbook of Auditory Research, 2021, , 9-45.	0.7	6
33	Lateralization of Huggins pitch. Journal of the Acoustical Society of America, 2008, 124, 3873-3887.	1.1	5
34	Phase effects on the perceived elevation of complex tones. Journal of the Acoustical Society of America, 2010, 127, 3060-3072.	1.1	5
35	On the Duifhuis pitch effect. Journal of the Acoustical Society of America, 1997, 101, 1034-1043.	1.1	4
36	Matching the waveform and the temporal window in the creation of experimental signals. Journal of the Acoustical Society of America, 2009, 126, 2580-2588.	1.1	4

#	Article	IF	Citations
37	On the localization of high-frequency, sinusoidally amplitude-modulated tones in free field. Journal of the Acoustical Society of America, 2017, 141, 847-863.	1.1	4
38	Release from speech-on-speech masking in a front-and-back geometry. Journal of the Acoustical Society of America, 2009, 125, 1636-1648.	1.1	3
39	Interaural Time Difference Thresholds as a Function of Frequency. Advances in Experimental Medicine and Biology, 2013, 787, 239-246.	1.6	3
40	Matched transaural synthesis with probe microphones for psychoacoustical experiments. Journal of the Acoustical Society of America, 2019, 145, 1313-1330.	1.1	1
41	Perceived elevation cued by images rotating in horizontal planes. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
42	Threshold interaural time differences and the centroid model of sound localization. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0