

# William M Hartmann

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,572  
citations

361045

20  
h-index

301761

39  
g-index

59  
all docs

59  
docs citations

59  
times ranked

962  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Localization and Lateralization of Sound. Springer Handbook of Auditory Research, 2021, , 9-45.  | 0.3 | 6         |
| 2  | Noise edge pitch and models of pitch perception. Journal of the Acoustical Society of America, 2019, 145, 1993-2008.   | 0.5 | 7         |
| 3  | Matched transaural synthesis with probe microphones for psychoacoustical experiments. Journal of the Acoustical Society of America, 2019, 145, 1313-1330.                                | 0.5 | 1         |
| 4  | A framework for testing and comparing binaural models. Hearing Research, 2018, 360, 92-106.  | 0.9 | 18        |
| 5  | On the localization of high-frequency, sinusoidally amplitude-modulated tones in free field. Journal of the Acoustical Society of America, 2017, 141, 847-863.                           | 0.5 | 4         |
| 6  | 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.                        | 0.5 | 39        |
| 7  | Computing interaural differences through finite element modeling of idealized human heads. Journal of the Acoustical Society of America, 2015, 138, 1549-1560.                           | 0.5 | 11        |
| 8  | Anatomical limits on interaural time differences: an ecological perspective. Frontiers in Neuroscience, 2014, 8, 34.   | 1.4 | 16        |
| 9  | Testing, correcting, and extending the Woodworth model for interaural time difference. Journal of the Acoustical Society of America, 2014, 135, 817-823.                                 | 0.5 | 33        |
| 10 | Human interaural time difference thresholds for sine tones: The high-frequency limit. Journal of the Acoustical Society of America, 2013, 133, 2839-2855.                                | 0.5 | 156       |
| 11 | Interaural Time Difference Thresholds as a Function of Frequency. Advances in Experimental Medicine and Biology, 2013, 787, 239-246.   | 0.8 | 3         |
| 12 | Perceived elevation cued by images rotating in horizontal planes. Proceedings of Meetings on Acoustics, 2013, , .  | 0.3 | 0         |
| 13 | Threshold interaural time differences and the centroid model of sound localization. Proceedings of Meetings on Acoustics, 2013, , .  | 0.3 | 0         |
| 14 | Generating partially correlated noise—A comparison of methods. Journal of the Acoustical Society of America, 2011, 130, 292-301.   | 0.5 | 14        |
| 15 | Phase effects on the perceived elevation of complex tones. Journal of the Acoustical Society of America, 2010, 127, 3060-3072.   | 0.5 | 5         |
| 16 | Interaural coherence for noise bands: Waveforms and envelopes. Journal of the Acoustical Society of America, 2010, 127, 1367-1372.   | 0.5 | 9         |
| 17 | The acoustical bright spot and mislocalization of tones by human listeners. Journal of the Acoustical Society of America, 2010, 127, 1440-1449.  | 0.5 | 57        |
| 18 | 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. | 0.5 | 63        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | On the ability of human listeners to distinguish between front and back. <i>Hearing Research</i> , 2010, 260, 30-46.  | 0.9 | 28        |
| 20 | Matching the waveform and the temporal window in the creation of experimental signals. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 2580-2588.                                | 0.5 | 4         |
| 21 | Release from speech-on-speech masking in a front-and-back geometry. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 1636-1648.   | 0.5 | 3         |
| 22 | Lateralization of Huggins pitch. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 3873-3887.  | 0.5 | 5         |
| 23 | Interaural fluctuations and the detection of interaural incoherence. II. Brief duration noises. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 2127-2136.                       | 0.5 | 8         |
| 24 | Interaural fluctuations and the detection of interaural incoherence. III. Narrowband experiments and binaural models. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 1029-1045. | 0.5 | 32        |
| 25 | Enhancing and unmasking the harmonics of a complex tone. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 2142-2157.  | 0.5 | 36        |
| 26 | Interaural fluctuations and the detection of interaural incoherence: Bandwidth effects. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 3971-3986.                               | 0.5 | 38        |
| 27 | Release from speech-on-speech masking by adding a delayed masker at a different location. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 1597-1605.                             | 0.5 | 50        |
| 28 | Lateralization of sine tones—interaural time vs phase. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 3471-3474.  | 0.5 | 17        |
| 29 | Localization of noise in a reverberant environment. , 2005, , 413-421.  |     | 10        |
| 30 | Binaural models and the strength of dichotic pitches. <i>Journal of the Acoustical Society of America</i> , 2003, 114, 3317-3326.   | 0.5 | 13        |
| 31 | On the detection of dispersion in the head-related transfer function. <i>Journal of the Acoustical Society of America</i> , 2003, 114, 998-1008.  | 0.5 | 17        |
| 32 | Interaural level differences and the level-meter model. <i>Journal of the Acoustical Society of America</i> , 2002, 112, 1037-1045.   | 0.5 | 61        |
| 33 | Binaural coherence edge pitch. <i>Journal of the Acoustical Society of America</i> , 2001, 109, 294-305.  | 0.5 | 16        |
| 34 | Echo suppression in the horizontal and median sagittal planes. <i>Journal of the Acoustical Society of America</i> , 2000, 107, 1061-1064.  | 0.5 | 22        |
| 35 | Identification and localization of sound sources in the median sagittal plane. <i>Journal of the Acoustical Society of America</i> , 1999, 106, 2812-2820.  | 0.5 | 25        |
| 36 | How We Localize Sound. <i>Physics Today</i> , 1999, 52, 24-29.  | 0.3 | 131       |

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|----|--|-----|-----------|
| 37 | On the source-identification method. Journal of the Acoustical Society of America, 1998, 104, 3546-3557.   | 0.5 | 44        |
| 38 | The pitch of a mistuned harmonic: Evidence for a template model. Journal of the Acoustical Society of America, 1998, 103, 2608-2617.             | 0.5 | 92        |
| 39 | On the Duifhuis pitch effect. Journal of the Acoustical Society of America, 1997, 101, 1034-1043.  | 0.5 | 4         |
| 40 | Psychophysical and Physiological Evidence for a Precedence Effect in the Median Sagittal Plane. Journal of Neurophysiology, 1997, 77, 2223-2226. | 0.9 | 64        |
| 41 | Pitch, periodicity, and auditory organization. Journal of the Acoustical Society of America, 1996, 100, 3491-3502.                               | 0.5 | 108       |
| 42 | On the externalization of sound images. Journal of the Acoustical Society of America, 1996, 99, 3678-3688.                                       | 0.5 | 196       |