Laurent Demany

List of Publications by Year
in descending order

71	2,182	257450 24	254184 43
papers	citations	h-index	g-index

77	77	77	886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rhythm perception in early infancy. Nature, 1977, 266, 718-719.	27.8	205
2	Auditory stream segregation in infancy. , 1982, 5, 261-276.		110
3	The perceptual reality of tone chroma in early infancy. Journal of the Acoustical Society of America, 1984, 76, 57-66.	1.1	110
4	Dissociation of pitch from timbre in auditory short-term memory. Journal of the Acoustical Society of America, 1991, 89, 2404-2410.	1.1	101
5	Learning to perceive pitch differences. Journal of the Acoustical Society of America, 2002, 111, 1377-1388.	1.1	100
6	Perceptual learning in frequency discrimination. Journal of the Acoustical Society of America, 1985, 78, 1118-1120.	1.1	94
7	Memory for pitch versus memory for loudness. Journal of the Acoustical Society of America, 1999, 106, 2805-2811.	1.1	94
8	On the binding of successive sounds: Perceiving shifts in nonperceived pitches. Journal of the Acoustical Society of America, 2005, 117, 833-841.	1.1	86
9	Speech versus nonspeech in pitch memory. Journal of the Acoustical Society of America, 1996, 100, 1132-1140.	1.1	78
10	Consequences of cochlear damage for the detection of interaural phase differences. Journal of the Acoustical Society of America, 2005, 118, 2519-2526.	1.1	68
11	Psychophysical evidence against the autocorrelation theory of auditory temporal processing. Journal of the Acoustical Society of America, 1998, 104, 2298-2306.	1.1	64
12	Individual differences in the sensitivity to pitch direction. Journal of the Acoustical Society of America, 2006, 120, 3907-3915.	1.1	62
13	Further evidence for an autonomous processing of pitch in auditory shortâ€term memory. Journal of the Acoustical Society of America, 1993, 94, 1315-1322.	1.1	48
14	Auditory Change Detection: Simple Sounds Are Not Memorized Better Than Complex Sounds. Psychological Science, 2008, 19, 85-91.	3.3	48
15	The Upper Limit of "Musical" Pitch. Music Perception, 1990, 8, 165-175.	1.1	44
16	Modulation Detection by Normal and Hearing-impaired Listeners. International Journal of Audiology, 1998, 37, 109-121.	1.7	42
17	Detection thresholds for sinusoidal frequency modulation. Journal of the Acoustical Society of America, 1989, 85, 1295-1301.	1.1	39
18	Tuning properties of the auditory frequency-shift detectors. Journal of the Acoustical Society of America, 2009, 126, 1342-1348.	1.1	38

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19	Dichotic fusion of two tones one octave apart: Evidence for internal octave templates. Journal of the Acoustical Society of America, 1988, 83, 687-695.	1.1	37
20	Fundamental differences in change detection between vision and audition. Experimental Brain Research, 2010, 203, 261-270.	1.5	37
21	Harmonic and melodic octave templates. Journal of the Acoustical Society of America, 1990, 88, 2126-2135.	1.1	34
22	Auditory temporal processing in Parkinson's disease. Neuropsychologia, 2008, 46, 2326-2335.	1.6	34
23	What makes a melody: The perceptual singularity of pitch sequences. Journal of the Acoustical Society of America, 2009, 126, 3179-3187.	1.1	31
24	Enhancing a tone by shifting its frequency or intensity. Journal of the Acoustical Society of America, 2011, 129, 3837-3845.	1.1	31
25	Pitch perception: a difference between right- and left-handed listeners. Neuropsychologia, 1998, 36, 201-207.	1.6	29
26	Auditory stream segregation for alternating and synchronous tones.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 1568-1580.	0.9	28
27	On the perceptual limits of octave harmony and their origin. Journal of the Acoustical Society of America, 1991, 90, 3019-3027.	1.1	23
28	An evaluation of psychophysical models of auditory change perception.. Psychological Review, 2008, 115, 1069-1083.	3.8	23
29	Auditory Enhancement of Increments in Spectral Amplitude Stems from More Than One Source. JARO - Journal of the Association for Research in Otolaryngology, 2012, 13, 693-702.	1.8	23
30	Detection of acrossâ€frequency differences in fundamental frequency. Journal of the Acoustical Society of America, 1992, 91, 279-292.	1.1	20
31	What breaks a melody: Perceiving F0 and intensity sequences with a cochlear implant. Hearing Research, 2010, 269, 34-41.	2.0	20
32	Implicit versus explicit frequency comparisons: Two mechanisms of auditory change detection.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 597-605.	0.9	20
33	The Role of Memory in Auditory Perception. , 2008, , 77-113.		19
34	Modulation masking produced by second-order modulators. Journal of the Acoustical Society of America, 2005, 117, 2158-2168.	1.1	18
35	What is a melody? On the relationship between pitch and brightness of timbre. Frontiers in Systems Neuroscience, 2014, 7, 127.	2.5	18
36	Acoustical Society of America, 1994, 96, 706-715.	1.1	16

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37	Temporal dynamics of pitch strength in regular interval noises. Journal of the Acoustical Society of America, 1998, 104, 2307-2313.	1.1	16
38	Pitch perception and retention: Two cumulative benefits of selective attention. Perception & Psychophysics, 2004, 66, 609-617.	2.3	16
39	The effect of vibrato on the recognition of masked vowels. Perception & Psychophysics, 1990, 48, 436-444.	2.3	15
40	Discrimination of amplitude-modulation phase spectrum. Journal of the Acoustical Society of America, 1999, 105, 2987-2990.	1.1	15
41	The slow formation of a pitch percept beyond the ending time of a short tone burst. Perception & Psychophysics, 2005, 67, 1376-1383.	2.3	15
42	Pitch versus Brightness of Timbre: Detecting Combined Shifts in Fundamental and Formant Frequency. Music Perception, 1993, 11, 1-13.	1.1	14
43	The perceptual enhancement of tones by frequency shifts. Hearing Research, 2013, 298, 10-16.	2.0	14
44	No Need for Templates in the Auditory Enhancement Effect. PLoS ONE, 2013, 8, e67874.	2.5	13
45	Enhancement, adaptation, and the binaural system. Journal of the Acoustical Society of America, 2008, 123, 4412-4420.	1.1	12
46	Auditory discrimination of frequency ratios: The octave singularity.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 788-801.	0.9	12
47	Detection of inharmonicity in dichotic pure-tone dyads. Hearing Research, 1992, 61, 161-166.	2.0	11
48	Continuous versus discrete frequency changes: Different detection mechanisms?. Journal of the Acoustical Society of America, 2009, 125, 1082-1090.	1.1	10
49	The Auditory Enhancement Effect is Not Reflected in the 80-Hz Auditory Steady-State Response. JARO - Journal of the Association for Research in Otolaryngology, 2014, 15, 621-630.	1.8	10
50	Temporal pitch perception and the binaural system. Journal of the Acoustical Society of America, 2001, 109, 686-700.	1.1	9
51	The perception of octave pitch affinity and harmonic fusion have a common origin. Hearing Research, 2021, 404, 108213.	2.0	9
52	The perception of frequency peaks and troughs in wide frequency modulations. IV. Effects of modulation waveform. Journal of the Acoustical Society of America, 1997, 102, 2935-2944.	1.1	8
53	Frequency-shift detectors bind binaural as well as monaural frequency representations.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1976-1987.	0.9	8
54	Auditory attention is divisible: Segregated tone streams can be tracked simultaneously.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 356-363.	0.9	8

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55	The perception of frequency peaks and troughs in wide frequency modulations. III. Complex carriers. Journal of the Acoustical Society of America, 1995, 98, 2515-2523.	1.1	6
56	The perception of frequency peaks and troughs in wide frequency modulations. II. Effects of frequency register, stimulus uncertainty, and intensity. Journal of the Acoustical Society of America, 1995, 97, 2454-2459.	1.1	6
57	Limits of rhythm perception. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2002, 55, 643-657.	2.3	6
58	Internal noise and memory for pitch. , 2005, , 136-144.		6
59	Automatic Frequency-Shift Detection in the Auditory System: A Review of Psychophysical Findings. Neuroscience, 2018, 389, 30-40.	2.3	6
60	The role of peripheral resolvability in pitch-sequence processing. Journal of the Acoustical Society of America, 2010, 128, EL236-EL241.	1.1	5
61	Assessing the Possible Role of Frequency-Shift Detectors in the Ability to Hear Out Partials in Complex Tones. Advances in Experimental Medicine and Biology, 2013, 787, 127-135.	1.6	5
62	A late-emerging auditory deficit in autism.. Neuropsychology, 2015, 29, 454-462.	1.3	5
63	Harmonic fusion and pitch affinity: Is there a direct link?. Hearing Research, 2016, 333, 247-254.	2.0	5
64	A note about insensitivity to pitch-change direction. Journal of the Acoustical Society of America, 2011, 130, EL129-EL134.	1.1	4
65	Enhancement of Increments in Spectral Amplitude: Further Evidence for a Mechanism Based on Central Adaptation. Advances in Experimental Medicine and Biology, 2013, 787, 175-182.	1.6	4
66	Lâ€™organisation perceptive dans lâ€™audition du nourrissonÂ: revue critique des donnÃ©es actuelles. , 1983, , 157-176.		4
67	The Effect of Cochlear Damage on the Sensitivity to Harmonicity. Ear and Hearing, 2017, 38, 85-93.	2.1	3
68	Pitch priming in sequences of two sounds. Journal of the Acoustical Society of America, 2016, 140, 2056-2063.	1.1	1
69	Detecting temporal changes in acoustic scenes: The variable benefit of selective attention. Hearing Research, 2017, 353, 17-25.	2.0	1
70	Auditory Perception: Relative Universals for Musical Pitch. Current Biology, 2019, 29, R927-R929.	3.9	1
71	Effect of stimulus type and pitch salience on pitch-sequence processing. Journal of the Acoustical Society of America, 2018, 143, 3665-3675.	1.1	0