

Robert J Dooling

List of Publications by Year in descending order

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73
papers

3,439
citations

172457

29
h-index

155660

55
g-index

82
all docs

82
docs citations

82
times ranked

1681
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection and discrimination of natural calls in masking noise by birds: estimating the active space of a signal. <i>Animal Behaviour</i> , 2003, 65, 763-777.	1.9	295
2	Communication masking in marine mammals: A review and research strategy. <i>Marine Pollution Bulletin</i> , 2016, 103, 15-38.	5.0	289
3	Vocal plasticity in budgerigars (<i>Melopsittacus undulatus</i>): Evidence for social factors in the learning of contact calls.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1994, 108, 81-92.	0.5	216
4	Auditory Perception in Birds. , 1982, , 95-130.		161
5	Early perceptual selectivity in the swamp sparrow. <i>Developmental Psychobiology</i> , 1980, 13, 499-506.	1.6	160
6	Hearing in the parakeet (<i>Melopsittacus undulatus</i>): Absolute thresholds, critical ratios, frequency difference limens, and vocalizations.. <i>Journal of Comparative and Physiological Psychology</i> , 1975, 88, 1-20.	1.8	142
7	Auditory brainstem responses in adult budgerigars (<i>Melopsittacus undulatus</i>). <i>Journal of the Acoustical Society of America</i> , 2002, 112, 999-1008.	1.1	109
8	Control of vocal intensity in budgerigars (<i>Melopsittacus undulatus</i>): Differential reinforcement of vocal intensity and the Lombard effect. <i>Journal of the Acoustical Society of America</i> , 1998, 103, 1190-1198.	1.1	105
9	Auditory temporal resolution in birds: Discrimination of harmonic complexes. <i>Journal of the Acoustical Society of America</i> , 2002, 112, 748-759.	1.1	104
10	Discrimination of synthetic full-formant and sinewave /ra/ continua by budgerigars (<i>Melopsittacus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 1</i> 97, 1839-1846.	1.1	94
11	Vocal development in budgerigars (<i>Melopsittacus undulatus</i>): Contact calls.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1997, 111, 226-241.	0.5	86
12	Perceptual organization of acoustic stimuli by budgerigars (<i>Melopsittacus undulatus</i>): III. Contact calls.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1988, 102, 236-247.	0.5	77
13	Speech perception by budgerigars (<i>Melopsittacus undulatus</i>): Spoken vowels. <i>Perception & Psychophysics</i> , 1990, 47, 568-574.	2.3	62
14	Avian species differences in susceptibility to noise exposure. <i>Hearing Research</i> , 1999, 131, 71-88.	2.0	62
15	Colony differences in auditory thresholds in the canary (<i>Serinus canarius</i>). <i>Journal of the Acoustical Society of America</i> , 1985, 78, 1170-1176.	1.1	58
16	ANALYSIS OF WARBLE SONG OF THE BUDGERIGAR<i>MELOPSITTACUS UNDULATUS</i>. <i>Bioacoustics</i> , 1992, 4, 111-130.	1.7	58
17	The effect of altered auditory feedback on control of vocal production in budgerigars (<i>Melopsittacus undulatus</i>). <i>Journal of the Acoustical Society of America</i> , 2009, 126, 911-919.	1.1	58
18	The auditory brainstem response in two lizard species. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 787-794.	1.1	58

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19	Auditory brainstem responses in the Eastern Screech Owl: An estimate of auditory thresholds. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 314-321.	1.1	56
20	Mechanisms of vocal production in budgerigars (<i>Melopsittacus undulatus</i>). <i>Journal of the Acoustical Society of America</i> , 1997, 101, 578-589.	1.1	48
21	Development of auditory sensitivity in budgerigars (<i>Melopsittacus undulatus</i>). <i>Journal of the Acoustical Society of America</i> , 2004, 115, 3092-3102.	1.1	46
22	Sound localization in small birds: Absolute localization in azimuth.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1991, 105, 125-133.	0.5	44
23	Perception of synthetic /ba/â€™/wa/ speech continuum by budgerigars (<i>Melopsittacus undulatus</i>). <i>Journal of the Acoustical Society of America</i> , 1997, 102, 1891-1897.	1.1	44
24	Hearing in the starling (<i>Sturnus vulgaris</i>): Absolute thresholds and critical ratios. <i>Bulletin of the Psychonomic Society</i> , 1986, 24, 462-464.	0.2	40
25	Perception of distance calls by budgerigars (<i>Melopsittacus undulatus</i>) and zebra finches (<i>Poephila</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	40
26	The discrimination of temporal fine structure in call-like harmonic sounds by birds.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2006, 120, 239-251.	0.5	40
27	Basilar papilla of the canary and zebra finch: A quantitative scanning electron microscopical description. <i>Journal of Morphology</i> , 1994, 221, 1-24.	1.2	37
28	Do we hear what birds hear in birdsong?. <i>Animal Behaviour</i> , 2017, 124, 283-289.	1.9	37
29	Strain differences in auditory thresholds in the canary (<i>Serinus canarius</i>).. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1987, 101, 213-215.	0.5	35
30	Inner-ear abnormalities and their functional consequences in Belgian Waterslager canaries (<i>Serinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	35
31	The Method of Constant Stimuli in Testing Auditory Sensitivity in Small Birds. , 1995, , 161-169.		35
32	Sound sequences in birdsong: how much do birds really care?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190044.	4.0	33
33	Evidence for supporting cell proliferation and hair cell differentiation in the basilar papilla of adult Belgian Waterslager canaries (<i>Serinus canarius</i>). , 1997, 377, 5-14.		32
34	Effects of deafening on the calls and warble song of adult budgerigars (<i>Melopsittacus undulatus</i>). <i>Journal of the Acoustical Society of America</i> , 1999, 105, 2010-2019.	1.1	30
35	Hearing and vocalizations in hybrid Waterslager-Roller canaries (<i>Serinus canarius</i>). <i>Hearing Research</i> , 1990, 46, 271-275.	2.0	29
36	Frequency discrimination in budgerigars (<i>Melopsittacus undulatus</i>): Effects of tone duration and tonal context. <i>Journal of the Acoustical Society of America</i> , 2000, 107, 2657-2664.	1.1	29

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37	Detection of modulation in spectral envelopes and linear-rippled noises by budgerigars (<i>Melopsittacus undulatus</i>). <i>Journal of the Acoustical Society of America</i> , 1999, 105, 2029-2035.	1.1	28
38	Obtaining acoustic similarity measures from animals: A method for species comparisons. <i>Journal of the Acoustical Society of America</i> , 1988, 83, 1690-1693.	1.1	27
39	Hearing and vocalizations of wild-caught Australian budgerigars (<i>Melopsittacus undulatus</i>).. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1998, 112, 74-81.	0.5	27
40	Effects of noise on fishes: What we can learn from humans and birds. <i>Integrative Zoology</i> , 2015, 10, 29-37.	2.6	27
41	Acoustic fine structure may encode biologically relevant information for zebra finches. <i>Scientific Reports</i> , 2018, 8, 6212.	3.3	26
42	Peripheral basis for the auditory deficit in Belgian Waterslager canaries (<i>Serinus canarius</i>). <i>Hearing Research</i> , 1995, 82, 100-108.	2.0	25
43	Recognition of contact calls by the budgerigar (<i>Melopsittacus undulatus</i>). <i>Bulletin of the Psychonomic Society</i> , 1993, 31, 468-470.	0.2	24
44	Control of vocal production in budgerigars (<i>Melopsittacus undulatus</i>): selective reinforcement, call differentiation, and stimulus control. <i>Behavioural Processes</i> , 1997, 41, 117-132.	1.1	23
45	Sex-linked inheritance of hearing and song in the Belgian Waterslager canary. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S409-12.	2.6	23
46	Relative salience of envelope and fine structure cues in zebra finch song. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 3373-3383.	1.1	22
47	Detection and discrimination of simple and complex sounds by hearing-impaired Belgian Waterslager canaries. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 3615-3627.	1.1	21
48	DETECTION OF SPECIES-SPECIFIC CALLS IN NOISE BY ZEBRA FINCHES <i>POEPHILA GUTTATA</i> AND <i>BUDGERIGARS MELOPSITTACUS UNDULATUS</i> : TIME OF FREQUENCY DOMAIN?. <i>Bioacoustics</i> , 1991, 3, 163-172.	1.7	20
49	Temporal integration in zebra finches (<i>Poephila guttata</i>). <i>Journal of the Acoustical Society of America</i> , 1990, 87, 2782-2784.	1.1	18
50	Perception of complex sounds in budgerigars (<i>Melopsittacus undulatus</i>) with temporary hearing loss. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 2524-2532.	1.1	18
51	Electrophysiological and morphological development of the inner ear in Belgian Waterslager canaries. <i>Hearing Research</i> , 2010, 269, 56-69.	2.0	18
52	Masked auditory thresholds in three species of birds, as measured by the auditory brainstem response (L). <i>Journal of the Acoustical Society of America</i> , 2011, 129, 3445-3448.	1.1	18
53	Auditory-vocal coupling in the naked mole-rat, a mammal with poor auditory thresholds. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 905-914.	1.6	18
54	Perception of warble song in budgerigars (<i>Melopsittacus undulatus</i>): evidence for special processing. <i>Animal Cognition</i> , 2012, 15, 1151-1159.	1.8	17

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55	Masking by harmonic complexes in budgerigars (<i>Melopsittacus undulatus</i>). <i>Journal of the Acoustical Society of America</i> , 2000, 107, 1737-1744.	1.1	16
56	Relative salience of syllable structure and syllable order in zebra finch song. <i>Animal Cognition</i> , 2018, 21, 467-480.	1.8	16
57	Hair Cell Death in a Hearing-Deficient Canary. , 2001, 2, 79-86.		15
58	Learned vocalizations in budgerigars (<i>Melopsittacus undulatus</i>): The relationship between contact calls and warble song. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 2289-2297.	1.1	13
59	Discrimination of natural acoustic variation in vocal signals. <i>Scientific Reports</i> , 2021, 11, 916.	3.3	12
60	Some lessons from the effects of highway noise on birds. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	11
61	Nucleus magnocellularis and nucleus laminaris in Belgian Waterslager and normal strain canaries. <i>Hearing Research</i> , 2002, 164, 19-28.	2.0	8
62	HEARING IN THE RED-BILLED FIREFINCH (<i>LAGONOSTICHTA SENEGALENSIS</i>) AND THE SPANISH TIMBRADO CANARY (<i>SERINUS CANARIA</i>): THE INFLUENCE OF NATURAL AND ARTIFICIAL SELECTION ON AUDITORY ABILITIES AND VOCAL STRUCTURE. <i>Bioacoustics</i> , 2004, 14, 83-98.	1.7	7
63	Psychophysical evidence of damaged active processing mechanisms in Belgian Waterslager Canaries. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 193-202.	1.6	7
64	Masking Experiments in Humans and Birds Using Anthropogenic Noises. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 239-243.	1.6	7
65	How canaries listen to their song: Species-specific shape of auditory perception. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 562-574.	1.1	6
66	New studies on hair cell regeneration in birds. <i>Acoustical Science and Technology</i> , 2001, 22, 93-99.	0.5	4
67	Monogamy in a Moment: How do Brief Social Interactions Change Over Time in Pair-Bonded Zebra Finches (<i>Taeniopygia guttata</i>)?. <i>Integrative Organismal Biology</i> , 2020, 2, obaa034.	1.8	4
68	Perception of synthetic speech sounds by the budgerigar (<i>Melopsittacus undulatus</i>). <i>Bulletin of the Psychonomic Society</i> , 1987, 25, 139-142.	0.2	3
69	Effect of auditory stimuli on conditioned vocal behavior of budgerigars. <i>Behavioural Processes</i> , 2016, 122, 87-89.	1.1	2
70	Constraints on vocal production learning in budgerigars (<i>Melopsittacus undulatus</i>). <i>Learning and Behavior</i> , 2021, 49, 150-158.	1.0	2
71	Peter R. Marler, 1928-2014. <i>Auk</i> , 2017, 134, 932-934.	1.4	1
72	Failure of operant control of vocal learning in budgerigars. <i>Animal Behavior and Cognition</i> , 2018, 5, 154-168.	1.0	1

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73	Strain differences in hearing in song canaries. Journal of the Acoustical Society of America, 2019, 146, EL71-EL77.	1.1	0