

Georg M Klump

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,477
citations

279798

23
h-index

377865

34
g-index

74
all docs

74
docs citations

74
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Chickens have excellent sound localization ability. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	7
2	Speech sound discrimination by Mongolian gerbils. <i>Hearing Research</i> , 2022, 418, 108472.	2.0	10
3	Neural processing and perception of Schroederâ€™phase harmonic tone complexes in the gerbil: Relating singleâ€™unit neurophysiology to behavior. <i>European Journal of Neuroscience</i> , 2022, 56, 4060-4085.	2.6	5
4	Release from informational masking by auditory stream segregation: perception and its neural correlate. <i>European Journal of Neuroscience</i> , 2020, 51, 1242-1253.	2.6	4
5	Interaction of spatial and nonâ€™spatial cues in auditory stream segregation in the European starling. <i>European Journal of Neuroscience</i> , 2020, 51, 1191-1200.	2.6	3
6	Evidence for the origin of the binaural interaction component of the auditory brainstem response. <i>European Journal of Neuroscience</i> , 2020, 51, 598-610.	2.6	11
7	Interaction of spatial source separation, fundamental frequency, and vowel pairing in a sequential informational masking paradigm in Mongolian gerbils.. <i>Behavioral Neuroscience</i> , 2020, 134, 119-132.	1.2	3
8	Uncertainty-based informational masking in a vowel discrimination task for young and old Mongolian gerbils. <i>Hearing Research</i> , 2020, 392, 107959.	2.0	7
9	Uncertainty in location, level and fundamental frequency results in informational masking in a vowel discrimination task for young and elderly subjects. <i>Hearing Research</i> , 2019, 377, 142-152.	2.0	7
10	The barn owlsâ€™ Minimum Audible Angle. <i>PLoS ONE</i> , 2019, 14, e0220652.	2.5	8
11	Interaction of interaural cues and their contribution to the lateralisation of Mongolian gerbils (<i>Meriones unguiculatus</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 435-448.	1.6	3
12	Processing of interaural phase differences in components of harmonic and mistuned complexes in the inferior colliculus of the Mongolian gerbil. <i>European Journal of Neuroscience</i> , 2018, 47, 1242-1251.	2.6	3
13	Violation of the Unity Assumption Disrupts Temporal Ventriloquism Effect in Starlings. <i>Frontiers in Psychology</i> , 2018, 9, 1386.	2.1	3
14	Animal models for auditory streaming. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160112.	4.0	19
15	Acoustic startle modification as a tool for evaluating auditory function of the mouse: Progress, pitfalls, and potential. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 194-208.	6.1	42
16	Effect of preceding stimulation on sound localization and its representation in the auditory midbrain. <i>European Journal of Neuroscience</i> , 2017, 45, 460-471.	2.6	7
17	Barn owls have ageless ears. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171584.	2.6	13
18	Temporal ventriloquism effect in European starlings: Evidence for two parallel processing pathways.. <i>Behavioral Neuroscience</i> , 2017, 131, 337-347.	1.2	7

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19	Exploring binaural hearing in gerbils (<i>Meriones unguiculatus</i>) using virtual headphones. PLoS ONE, 2017, 12, e0175142.	2.5	14
20	The Physiological Basis and Clinical Use of the Binaural Interaction Component of the Auditory Brainstem Response. Ear and Hearing, 2016, 37, e276-e290.	2.1	45
21	Aging effects on the binaural interaction component of the auditory brainstem response in the Mongolian gerbil: Effects of interaural time and level differences. Hearing Research, 2016, 337, 46-58.	2.0	21
22	Comparison of mouse minimum audible angle determined in prepulse inhibition and operant conditioning procedures. Hearing Research, 2016, 333, 167-178.	2.0	14
23	Azimuthal sound localization in the European starling (<i>Sturnus vulgaris</i>): III. Comparison of sound localization measures. Hearing Research, 2016, 332, 238-248.	2.0	9
24	Moving Objects in the Barn Owl's Auditory World. Advances in Experimental Medicine and Biology, 2016, 894, 219-227.	1.6	2
25	Amplitude and phase equalization of stimuli for click evoked auditory brainstem responses. Journal of the Acoustical Society of America, 2015, 137, EL71-EL77.	1.1	23
26	Effects of signal features and background noise on distance cue discrimination by a songbird. Journal of Experimental Biology, 2015, 218, 1006-1015.	1.7	5
27	Comparison of the sensitivity of prepulse inhibition of the startle reflex and operant conditioning in an auditory intensity difference limen paradigm. Hearing Research, 2015, 321, 35-44.	2.0	13
28	Binaural cues provide for a release from informational masking.. Behavioral Neuroscience, 2015, 129, 589-598.	1.2	6
29	Evaluating auditory stream segregation of SAM tone sequences by subjective and objective psychoacoustical tasks, and brain activity. Frontiers in Neuroscience, 2014, 8, 119.	2.8	12
30	Neural correlates of auditory streaming in an objective behavioral task. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10738-10743.	7.1	29
31	Land or lover? Territorial defence and mutual mate guarding in the crimson-breasted shrike. Behavioral Ecology and Sociobiology, 2014, 68, 373-381.	1.4	13
32	Crimson-breasted Shrike females with extra pair offspring contributed more to duets. Behavioral Ecology and Sociobiology, 2014, 68, 1245-1252.	1.4	10
33	Individual identity, song repertoire and duet function in the Crimson-breasted Shrike (<i>Laniarius</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	11
34	Azimuthal sound localization in the European starling (<i>Sturnus vulgaris</i>): II. Psychophysical results. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 127-138.	1.6	11
35	Effect of head turns on the localization accuracy of sounds in the European starling (<i>Sturnus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	4
36	Phase Discrimination Ability in Mongolian Gerbils Provides Evidence for Possible Processing Mechanism of Mistuning Detection. Advances in Experimental Medicine and Biology, 2013, 787, 399-407.	1.6	1

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37	Auditory streaming by phase relations between components of harmonic complexes: A comparative study of human subjects and bird forebrain neurons.. Behavioral Neuroscience, 2012, 126, 797-808.	1.2	6
38	A multimodal-corpus data collection system for cognitive acoustic scene analysis. , 2011, , .		7
39	Neural Correlates of Auditory Streaming of Harmonic Complex Sounds With Different Phase Relations in the Songbird Forebrain. Journal of Neurophysiology, 2011, 105, 188-199.	1.8	25
40	Processing of transient signals in the visual system of the European starling (<i>Sturnus vulgaris</i>) and humans. Vision Research, 2011, 51, 21-25.	1.4	6
41	Neural adaptation to tone sequences in the songbird forebrain: patterns, determinants, and relation to the build-up of auditory streaming. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 543-557.	1.6	48
42	Comodulation Masking Release Determined in the Mouse (<i>Mus musculus</i>) using a Flanking-band Paradigm. JARO - Journal of the Association for Research in Otolaryngology, 2010, 11, 79-88.	1.8	16
43	Mistuning detection and onset asynchrony in harmonic complexes in Mongolian gerbils. Journal of the Acoustical Society of America, 2010, 128, 280-290.	1.1	12
44	A Comparative View on the Perception of Mistuning: Constraints of the Auditory Periphery. , 2010, , 465-475.		8
45	Frequency difference limens of pure tones and harmonics within complex stimuli in Mongolian gerbils and humans. Journal of the Acoustical Society of America, 2009, 125, 304-314.	1.1	36
46	Auditory Streaming of Amplitude-Modulated Sounds in the Songbird Forebrain. Journal of Neurophysiology, 2009, 101, 3212-3225.	1.8	38
47	Auditory memory for temporal characteristics of sound. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2008, 194, 457-467.	1.6	8
48	Effects of omni-directional noise-exposure during hearing onset and age on auditory spatial resolution in the Mongolian gerbil (<i>Meriones unguiculatus</i>) â€” a behavioral approach. Brain Research, 2008, 1220, 47-57.	2.2	19
49	Auditory short-term memory persistence for tonal signals in a songbird. Journal of the Acoustical Society of America, 2007, 121, 2842-2851.	1.1	15
50	Forward masking in gerbils: The effect of age. Hearing Research, 2007, 223, 122-128.	2.0	5
51	Temporal integration in the gerbil: The effects of age, hearing loss and temporally unmodulated and modulated speech-like masker noises. Hearing Research, 2007, 224, 101-114.	2.0	25
52	A quantitative analysis of psychometric functions for different auditory tasks in gerbils. Hearing Research, 2006, 220, 27-37.	2.0	16
53	Operant methods for mouse psychoacoustics. Behavior Research Methods, 2006, 38, 1-7.	4.0	24
54	Resolution in azimuth sound localization in the Mongolian gerbil (<i>Meriones unguiculatus</i>). Journal of the Acoustical Society of America, 2006, 119, 1029.	1.1	27

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55	SIGNAL DETECTION ENHANCED BY COMODULATED NOISE. Fluctuation and Noise Letters, 2006, 06, L339-L347.	1.5	6
56	Evolutionary Adaptations for Auditory Communication. , 2005, , 27-45.		3
57	Auditory Stream Segregation in the Songbird Forebrain: Effects of Time Intervals on Responses to Interleaved Tone Sequences. Brain, Behavior and Evolution, 2005, 66, 197-214.	1.7	72
58	Primitive Auditory Stream Segregation: A Neurophysiological Study in the Songbird Forebrain. Journal of Neurophysiology, 2004, 92, 1088-1104.	1.8	121
59	Age-Dependent Changes of Gap Detection in the Mongolian Gerbil (Meriones unguiculatus). JARO - Journal of the Association for Research in Otolaryngology, 2004, 5, 49-57.	1.8	36
60	Duration discrimination in the mouse (Mus musculus). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2004, 190, 1039-1046.	1.6	25
61	Gap detection in Mongolian gerbils (Meriones unguiculatus). Hearing Research, 2003, 176, 11-16.	2.0	24
62	Boosting GABA improves impaired auditory temporal resolution in the gerbil. NeuroReport, 2003, 14, 1877-1880.	1.2	48
63	Within- and Across-Channel Processing in Auditory Masking: A Physiological Study in the Songbird Forebrain. Journal of Neuroscience, 2003, 23, 5732-5739.	3.6	24
64	An estimate of the auditory-filter bandwidth in the Mongolian gerbil. Hearing Research, 2002, 164, 69-76.	2.0	34
65	Behavioral and evoked-potential thresholds in young and old Mongolian gerbils (Meriones) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.0	28
66	Temporal modulation transfer functions in the barn owl (Tyto alba). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2002, 187, 937-943.	1.6	22
67	Sound Localization in Birds. Springer Handbook of Auditory Research, 2000, , 249-307.	0.7	88
68	Determinants of male mating success in the red bishop (Euplectes orix). Behavioral Ecology and Sociobiology, 1999, 46, 387-399.	1.4	47
69	An excitationâ€pattern model for the starling (Sturnus vulgaris). Journal of the Acoustical Society of America, 1995, 98, 112-124.	1.1	34
70	Frequency discrimination in the European starling (Sturnus vulgaris): A comparison of different measures. Hearing Research, 1992, 63, 43-51.	2.0	16
71	Azimuthal sound localization in the European starling (Sturnus vulgaris). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1992, 170, 243-51.	1.6	33
72	Temporal summation in the European starling (Sturnus vulgaris).. Journal of Comparative Psychology (Washington, D C: 1983), 1990, 104, 94-100.	0.5	40

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73	Auditory duration discrimination in the European starling (<i>Sturnus vulgaris</i>). <i>Journal of the Acoustical Society of America</i> , 1990, 88, 616-621.	1.1	29