

Alan R Palmer

List of Publications by Year in descending order

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Version: 2024-02-01

150
papers

8,410
citations

41344

49
h-index

51608

86
g-index

184
all docs

184
docs citations

184
times ranked

3977
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Salicylate decreases the spontaneous firing rate of guinea pig auditory nerve fibres. <i>Neuroscience Letters</i> , 2021, 747, 135705. | 2.1 | 4 |
| 2 | Juxtacellular Labeling of Stellate, Disk and Basket Neurons in the Central Nucleus of the Guinea Pig Inferior Colliculus. <i>Frontiers in Neural Circuits</i> , 2021, 15, 721015. | 2.8 | 4 |
| 3 | Nitric oxide regulates the firing rate of neuronal subtypes in the guinea pig ventral cochlear nucleus. <i>European Journal of Neuroscience</i> , 2020, 51, 963-983. | 2.6 | 9 |
| 4 | Nitric oxide increases gain in the ventral cochlear nucleus of guinea pigs with tinnitus. <i>European Journal of Neuroscience</i> , 2020, 52, 4057-4080. | 2.6 | 7 |
| 5 | Gap-induced inhibition of the post-auricular muscle response in humans and guinea pigs. <i>Hearing Research</i> , 2019, 374, 13-23. | 2.0 | 10 |
| 6 | Gap-induced reductions of evoked potentials in the auditory cortex: A possible objective marker for the presence of tinnitus in animals. <i>Brain Research</i> , 2018, 1679, 101-108. | 2.2 | 13 |
| 7 | Mammalian behavior and physiology converge to confirm sharper cochlear tuning in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11322-11326. | 7.1 | 54 |
| 8 | Communication calls produced by electrical stimulation of four structures in the guinea pig brain. <i>PLoS ONE</i> , 2018, 13, e0194091. | 2.5 | 10 |
| 9 | Effects of the cannabinoid CB 1 agonist ACEA on salicylate ototoxicity, hyperacusis and tinnitus in guinea pigs. <i>Hearing Research</i> , 2017, 356, 51-62. | 2.0 | 21 |
| 10 | Reductions in cortical alpha activity, enhancements in neural responses and impaired gap detection caused by sodium salicylate in awake guinea pigs. <i>European Journal of Neuroscience</i> , 2017, 45, 398-409. | 2.6 | 11 |
| 11 | Neuroanatomical Alterations in Tinnitus Assessed with Magnetic Resonance Imaging. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 221. | 3.4 | 43 |
| 12 | Histological Basis of Laminar MRI Patterns in High Resolution Images of Fixed Human Auditory Cortex. <i>Frontiers in Neuroscience</i> , 2016, 10, 455. | 2.8 | 21 |
| 13 | Extracellular Recording of Neuronal Activity Combined with Microiontophoretic Application of Neuroactive Substances in Awake Mice. <i>Journal of Visualized Experiments</i> , 2016, , . | 0.3 | 13 |
| 14 | Control of Acoustic Signal Processing in Physiological Experiments Using PSoCs. , 2015, , . | | 2 |
| 15 | Modulating Central Gain in Tinnitus: Changes in Nitric Oxide Synthase in the Ventral Cochlear Nucleus. <i>Frontiers in Neurology</i> , 2015, 6, 53. | 2.4 | 17 |
| 16 | A function for binaural integration in auditory grouping and segregation in the inferior colliculus. <i>Journal of Neurophysiology</i> , 2015, 113, 1819-1830. | 1.8 | 4 |
| 17 | The Neural Substrate for Binaural Masking Level Differences in the Auditory Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 209-220. | 3.6 | 17 |
| 18 | Stream segregation in the anesthetized auditory cortex. <i>Hearing Research</i> , 2015, 328, 48-58. | 2.0 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Source Space Estimation of Oscillatory Power and Brain Connectivity in Tinnitus. PLoS ONE, 2015, 10, e0120123. | 2.5 | 38 |
| 20 | Perception and coding of high-frequency spectral notches: potential implications for sound localization. Frontiers in Neuroscience, 2014, 8, 112. | 2.8 | 7 |
| 21 | Neural changes accompanying tinnitus following unilateral acoustic trauma in the guinea pig. European Journal of Neuroscience, 2014, 40, 2427-2441. | 2.6 | 75 |
| 22 | Changes in the Response Properties of Inferior Colliculus Neurons Relating to Tinnitus. Frontiers in Neurology, 2014, 5, 203. | 2.4 | 19 |
| 23 | Neuroanatomical abnormalities in chronic tinnitus in the human brain. Neuroscience and Biobehavioral Reviews, 2014, 45, 119-133. | 6.1 | 98 |
| 24 | Unavoidably Delayed: A Personal Perspective of Twenty Years of Research on a Sound Localization Cue. Springer Handbook of Auditory Research, 2014, , 403-416. | 0.7 | 0 |
| 25 | A novel behavioural approach to detecting tinnitus in the guinea pig. Journal of Neuroscience Methods, 2013, 213, 188-195. | 2.5 | 59 |
| 26 | Auditory evoked magnetic fields in individuals with tinnitus. Hearing Research, 2013, 302, 50-59. | 2.0 | 30 |
| 27 | Classification of frequency response areas in the inferior colliculus reveals continua not discrete classes. Journal of Physiology, 2013, 591, 4003-4025. | 2.9 | 60 |
| 28 | The Effect of Correlated Neuronal Firing and Neuronal Heterogeneity on Population Coding Accuracy in Guinea Pig Inferior Colliculus. PLoS ONE, 2013, 8, e81660. | 2.5 | 9 |
| 29 | Representation of individual elements of a complex call sequence in primary auditory cortex. Frontiers in Systems Neuroscience, 2013, 7, 72. | 2.5 | 5 |
| 30 | Topographic Distribution, Frequency, and Intensity Dependence of Stimulus-Specific Adaptation in the Inferior Colliculus of the Rat. Journal of Neuroscience, 2012, 32, 17762-17774. | 3.6 | 88 |
| 31 | Neuromagnetic Indicators of Tinnitus and Tinnitus Masking in Patients with and without Hearing Loss. JARO - Journal of the Association for Research in Otolaryngology, 2012, 13, 715-731. | 1.8 | 107 |
| 32 | Processing of Communication Calls in Guinea Pig Auditory Cortex. PLoS ONE, 2012, 7, e51646. | 2.5 | 50 |
| 33 | Morphological and Physiological Characteristics of Laminar Cells in the Central Nucleus of the Inferior Colliculus. Frontiers in Neural Circuits, 2012, 6, 55. | 2.8 | 36 |
| 34 | Auditory nerve fibre responses in the ferret. European Journal of Neuroscience, 2012, 36, 2428-2439. | 2.6 | 53 |
| 35 | First Spike Latency Code for Interaural Phase Difference Discrimination in the Guinea Pig Inferior Colliculus. Journal of Neuroscience, 2011, 31, 9192-9204. | 3.6 | 33 |
| 36 | Location of cells giving phase-locked responses to pure tones in the primary auditory cortex. Hearing Research, 2011, 274, 142-151. | 2.0 | 10 |

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|----|--|------|-----------|
| 37 | Age differences in the purr call distinguished by units in the adult guinea pig primary auditory cortex. <i>Hearing Research</i> , 2011, 277, 134-142. | 2.0 | 4 |
| 38 | Cortical Inactivation by Cooling in Small Animals. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 53. | 2.5 | 32 |
| 39 | Different representations of tooth chatter and purr call in guinea pig auditory cortex. <i>NeuroReport</i> , 2011, 22, 613-616. | 1.2 | 9 |
| 40 | Forward suppression in the auditory cortex is frequency-specific. <i>European Journal of Neuroscience</i> , 2011, 33, 1240-1251. | 2.6 | 36 |
| 41 | Re-examining the relationship between audiometric profile and tinnitus pitch. <i>International Journal of Audiology</i> , 2011, 50, 303-312. | 1.7 | 109 |
| 42 | Forward Masking Estimated by Signal Detection Theory Analysis of Neuronal Responses in Primary Auditory Cortex. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2010, 11, 477-494. | 1.8 | 24 |
| 43 | Mode-Locked Spike Trains in Responses of Ventral Cochlear Nucleus Chopper and Onset Neurons to Periodic Stimuli. <i>Journal of Neurophysiology</i> , 2010, 103, 1226-1237. | 1.8 | 29 |
| 44 | The Time Course of Binaural Masking in the Inferior Colliculus of Guinea Pig Does Not Account for Binaural Sluggishness. <i>Journal of Neurophysiology</i> , 2010, 104, 189-199. | 1.8 | 13 |
| 45 | Responses in the Inferior Colliculus of the Guinea Pig to Concurrent Harmonic Series and the Effect of Inactivation of Descending Controls. <i>Journal of Neurophysiology</i> , 2010, 103, 2050-2061. | 1.8 | 36 |
| 46 | Acoustic, psychophysical, and neuroimaging measurements of the effectiveness of active cancellation during auditory functional magnetic resonance imaging. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 347-359. | 1.1 | 41 |
| 47 | Variation in the Phase of Response to Low-Frequency Pure Tones in the Guinea Pig Auditory Nerve as Functions of Stimulus Level and Frequency. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2009, 10, 233-250. | 1.8 | 37 |
| 48 | Functional subdivisions in low-frequency primary auditory cortex (AI). <i>Experimental Brain Research</i> , 2009, 194, 395-408. | 1.5 | 13 |
| 49 | Responses to Diotic, Dichotic, and Alternating Phase Harmonic Stimuli in the Inferior Colliculus of Guinea Pigs. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2009, 10, 76-90. | 1.8 | 15 |
| 50 | Responses of neurons in the inferior colliculus to binaural disparities: Insights from the use of Fisher information and mutual information. <i>Journal of Neuroscience Methods</i> , 2008, 169, 391-404. | 2.5 | 14 |
| 51 | The need for a cool head: reversible inactivation reveals functional segregation in auditory cortex. <i>Nature Neuroscience</i> , 2008, 11, 530-531. | 14.8 | 1 |
| 52 | Rate versus time representation of high-frequency spectral notches in the peripheral auditory system: A computational modeling study. <i>Neurocomputing</i> , 2008, 71, 693-703. | 5.9 | 4 |
| 53 | Descending Projections From Auditory Cortex Modulate Sensitivity in the Midbrain to Cues for Spatial Position. <i>Journal of Neurophysiology</i> , 2008, 99, 2347-2356. | 1.8 | 87 |
| 54 | The binaural performance of a cross-talk cancellation system with matched or mismatched setup and playback acoustics. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 1056-1069. | 1.1 | 31 |

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|----|--|-----|-----------|
| 55 | Phase-Locked Responses to Pure Tones in the Auditory Thalamus. <i>Journal of Neurophysiology</i> , 2007, 98, 1941-1952. | 1.8 | 34 |
| 56 | Changes in interaural time sensitivity with interaural level differences in the inferior colliculus. <i>Hearing Research</i> , 2007, 223, 105-113. | 2.0 | 14 |
| 57 | Some investigations into non-passive listening. <i>Hearing Research</i> , 2007, 229, 148-157. | 2.0 | 38 |
| 58 | Identification of subdivisions in the medial geniculate body of the guinea pig. <i>Hearing Research</i> , 2007, 228, 156-167. | 2.0 | 60 |
| 59 | Laminar differences in the response properties of cells in the primary auditory cortex. <i>Experimental Brain Research</i> , 2007, 184, 179-191. | 1.5 | 78 |
| 60 | Developments in active noise control sound systems for magnetic resonance imaging. <i>Applied Acoustics</i> , 2007, 68, 281-295. | 3.3 | 41 |
| 61 | Psychophysical and Physiological Assessment of the Representation of High-frequency Spectral Notches in the Auditory Nerve. , 2007, , 51-59. | | 4 |
| 62 | Phase-Locked Responses to Pure Tones in the Inferior Colliculus. <i>Journal of Neurophysiology</i> , 2006, 95, 1926-1935. | 1.8 | 107 |
| 63 | Evidence for a direct, short latency projection from the dorsal cochlear nucleus to the auditory thalamus in the guinea pig. <i>European Journal of Neuroscience</i> , 2006, 24, 491-498. | 2.6 | 62 |
| 64 | Contributions of Intrinsic Neural and Stimulus Variance to Binaural Sensitivity. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2006, 7, 425-442. | 1.8 | 10 |
| 65 | New fMRI methods for hearing and speech. <i>Acoustical Science and Technology</i> , 2006, 27, 125-133. | 0.5 | 4 |
| 66 | How General Are Neural Codes in Sensory Systems?. , 2006, , 283-302. | | 0 |
| 67 | Responses to the purr call in three areas of the guinea pig auditory cortex. <i>NeuroReport</i> , 2005, 16, 2001-2005. | 1.2 | 9 |
| 68 | Sensitivity to Interaural Correlation of Single Neurons in the Inferior Colliculus of Guinea Pigs. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2005, 6, 244-259. | 1.8 | 47 |
| 69 | Binaural and Spatial Coding in the Inferior Colliculus. , 2005, , 377-410. | | 24 |
| 70 | Transducer hysteresis contributes to "stimulus artifact" in the measurement of click-evoked otoacoustic emissions. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 620-622. | 1.1 | 5 |
| 71 | Interaural Time Difference Processing. , 2005, , 1-13. | | 3 |
| 72 | Representation of the purr call in the guinea pig primary auditory cortex. <i>Hearing Research</i> , 2005, 204, 115-126. | 2.0 | 37 |

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|----|--|-----|-----------|
| 73 | Reassessing mechanisms of low-frequency sound localisation. <i>Current Opinion in Neurobiology</i> , 2004, 14, 457-460. | 4.2 | 29 |
| 74 | Onset Neurones in the Anteroventral Cochlear Nucleus Project to the Dorsal Cochlear Nucleus. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2004, 5, 153-70. | 1.8 | 70 |
| 75 | Different areas of human non-primary auditory cortex are activated by sounds with spatial and nonspatial properties. <i>Human Brain Mapping</i> , 2004, 21, 178-190. | 3.6 | 75 |
| 76 | Physiological Representations of Speech. , 2004, , 163-230. | | 13 |
| 77 | Morphology of physiologically characterised ventral cochlear nucleus stellate cells. <i>Experimental Brain Research</i> , 2003, 153, 418-426. | 1.5 | 39 |
| 78 | Temporal coding of the pitch of complex sounds by presumed multipolar cells in the ventral cochlear nucleus. <i>Speech Communication</i> , 2003, 41, 135-149. | 2.8 | 24 |
| 79 | Binaural specialisation in human auditory cortex: an fMRI investigation of interaural correlation sensitivity. <i>NeuroImage</i> , 2003, 20, 1783-1794. | 4.2 | 50 |
| 80 | The sound-level-dependent growth in the extent of fMRI activation in Heschl's gyrus is different for low- and high-frequency tones. <i>Hearing Research</i> , 2003, 179, 104-112. | 2.0 | 62 |
| 81 | Amplitude and Frequency-modulated Stimuli Activate Common Regions of Human Auditory Cortex. <i>Cerebral Cortex</i> , 2003, 13, 773-781. | 2.9 | 73 |
| 82 | Interaural Time Difference Discrimination Thresholds for Single Neurons in the Inferior Colliculus of Guinea Pigs. <i>Journal of Neuroscience</i> , 2003, 23, 716-724. | 3.6 | 107 |
| 83 | Microelectrode and neuroimaging studies of central auditory function. <i>British Medical Bulletin</i> , 2002, 63, 95-105. | 6.9 | 9 |
| 84 | Spectrotemporal Receptive Field Properties of Single Units in the Primary, Dorsocaudal and Ventrorostral Auditory Cortex of the Guinea Pig. <i>Audiology and Neuro-Otology</i> , 2002, 7, 214-227. | 1.3 | 41 |
| 85 | Spectral and Temporal Processing in Human Auditory Cortex. <i>Cerebral Cortex</i> , 2002, 12, 140-149. | 2.9 | 184 |
| 86 | British Society of Audiology Short Papers Meeting on Experimental Studies of Hearing and Deafness. <i>International Journal of Audiology</i> , 2002, 41, 231-263. | 1.7 | 2 |
| 87 | Heschl's gyrus is more sensitive to tone level than non-primary auditory cortex. <i>Hearing Research</i> , 2002, 171, 177-190. | 2.0 | 51 |
| 88 | Phase-locked responses to pure tones in the primary auditory cortex. <i>Hearing Research</i> , 2002, 172, 160-171. | 2.0 | 50 |
| 89 | Blocking GABAergic Inhibition Increases Sensitivity to Sound Motion Cues in the Inferior Colliculus. <i>Journal of Neuroscience</i> , 2002, 22, 1443-1453. | 3.6 | 48 |
| 90 | Interconnections of auditory areas in the guinea pig neocortex. <i>Experimental Brain Research</i> , 2002, 143, 106-119. | 1.5 | 34 |

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|-----|--|------|-----------|
| 91 | Histochemical identification of cortical areas in the auditory region of the human brain. <i>Experimental Brain Research</i> , 2002, 143, 499-508. | 1.5 | 158 |
| 92 | Neural mechanisms of binaural hearing. <i>Acoustical Science and Technology</i> , 2002, 23, 61-68. | 0.5 | 7 |
| 93 | Functional magnetic resonance imaging measurements of sound-level encoding in the absence of background scanner noise. <i>Journal of the Acoustical Society of America</i> , 2001, 109, 1559-1570. | 1.1 | 81 |
| 94 | A neural code for low-frequency sound localization in mammals. <i>Nature Neuroscience</i> , 2001, 4, 396-401. | 14.8 | 417 |
| 95 | The ability of inferior colliculus neurons to signal differences in interaural delay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 14050-14054. | 7.1 | 72 |
| 96 | Active control of the volume acquisition noise in functional magnetic resonance imaging: Method and psychoacoustical evaluation. <i>Journal of the Acoustical Society of America</i> , 2001, 110, 3041-3054. | 1.1 | 54 |
| 97 | Phase-locked responses to pure tones in guinea pig auditory cortex. <i>NeuroReport</i> , 2000, 11, 3989-3993. | 1.2 | 35 |
| 98 | Time-course of the auditory BOLD response to scanner noise. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 601-606. | 3.0 | 94 |
| 99 | Sound-Level Measurements and Calculations of Safe Noise Dosage During EPI at 3 T. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 157-163. | 3.4 | 110 |
| 100 | Identification and localisation of auditory areas in guinea pig cortex. <i>Experimental Brain Research</i> , 2000, 132, 445-456. | 1.5 | 167 |
| 101 | Neural Responses in the Inferior Colliculus to Binaural Masking Level Differences Created by Inverting the Noise in One Ear. <i>Journal of Neurophysiology</i> , 2000, 84, 844-852. | 1.8 | 41 |
| 102 | Responses of Neurons in the Inferior Colliculus to Dynamic Interaural Phase Cues: Evidence for a Mechanism of Binaural Adaptation. <i>Journal of Neurophysiology</i> , 2000, 83, 1356-1365. | 1.8 | 87 |
| 103 | Organisation of binaural interactions in the primary and dorsocaudal fields of the guinea pig auditory cortex. <i>Hearing Research</i> , 2000, 145, 177-189. | 2.0 | 51 |
| 104 | Modelling convergent input onto interaural-delay-sensitive inferior colliculus neurones. <i>Hearing Research</i> , 2000, 149, 199-215. | 2.0 | 30 |
| 105 | Time-course of the auditory BOLD response to scanner noise. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 601. | 3.0 | 2 |
| 106 | Desynchronizing Responses to Correlated Noise: A Mechanism for Binaural Masking Level Differences at the Inferior Colliculus. <i>Journal of Neurophysiology</i> , 1999, 81, 722-734. | 1.8 | 32 |
| 107 | ?sparse? temporal sampling in auditory fMRI. <i>Human Brain Mapping</i> , 1999, 7, 213-223. | 3.6 | 801 |
| 108 | A ventrorostral belt is adjacent to the guinea pig primary auditory cortex. <i>NeuroReport</i> , 1999, 10, 2095-2099. | 1.2 | 18 |

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|-----|--|-----|-----------|
| 109 | Convergent Input from Brainstem Coincidence Detectors onto Delay-Sensitive Neurons in the Inferior Colliculus. <i>Journal of Neuroscience</i> , 1998, 18, 6026-6039. | 3.6 | 92 |
| 110 | Responses of chopper units in the ventral cochlear nucleus of the anaesthetised guinea pig to clicks-in-noise and click trains. <i>Hearing Research</i> , 1997, 110, 234-250. | 2.0 | 16 |
| 111 | Responses of Neurons in the Inferior Colliculus to Binaural Masking Level Difference Stimuli Measured by Rate-Versus-Level Functions. <i>Journal of Neurophysiology</i> , 1997, 77, 3085-3106. | 1.8 | 51 |
| 112 | Detectability Index Measures of Binaural Masking Level Difference Across Populations of Inferior Colliculus Neurons. <i>Journal of Neuroscience</i> , 1997, 17, 9331-9339. | 3.6 | 51 |
| 113 | Processing of Interaural Delay in the Inferior Colliculus. , 1997, , 353-364. | | 4 |
| 114 | Interaural delay sensitivity and the classification of low best-frequency binaural responses in the inferior colliculus of the guinea pig. <i>Hearing Research</i> , 1996, 97, 136-152. | 2.0 | 85 |
| 115 | The Temporal Window of Two-Tone Facilitation in Onset Units of the Ventral Cochlear Nucleus. <i>Audiology and Neuro-Otology</i> , 1996, 1, 12-30. | 1.3 | 18 |
| 116 | Binaural masking level differences in the inferior colliculus of the guinea pig. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 490-503. | 1.1 | 35 |
| 117 | Interaural delay sensitivity and the classification of low best-frequency binaural responses in the inferior colliculus of the guinea pig. <i>Hearing Research</i> , 1996, 97, 136-152. | 2.0 | 19 |
| 118 | Neural Signal Processing. , 1995, , 75-121. | | 33 |
| 119 | Responses of auditory nerve fibers to stimuli producing psychophysical enhancement. <i>Journal of the Acoustical Society of America</i> , 1995, 97, 1786-1799. | 1.1 | 54 |
| 120 | Clinical evaluation and test-retest reliability of the IHR-McCormick Automated Toy Discrimination Test. <i>International Journal of Audiology</i> , 1994, 28, 165-179. | 0.7 | 28 |
| 121 | The response of guinea pig auditory-nerve fibres with high spontaneous discharge rates to increments in intensity. <i>Brain Research</i> , 1993, 618, 167-170. | 2.2 | 5 |
| 122 | Cochlear Nerve and Cochlear Nucleus Responses to the Fundamental Frequency of Voiced Speech Sounds and Harmonic Complex Tones. , 1992, , 231-239. | | 14 |
| 123 | Time course of rate responses to two-tone stimuli in auditory nerve fibres in the guinea pig. <i>Hearing Research</i> , 1991, 55, 167-176. | 2.0 | 9 |
| 124 | Binaural masking level difference effects in single units of the guinea pig inferior colliculus. <i>Hearing Research</i> , 1991, 57, 91-106. | 2.0 | 44 |
| 125 | Prediction of hearing thresholds in children using an automated toy discrimination test. <i>International Journal of Audiology</i> , 1991, 25, 351-356. | 0.7 | 9 |
| 126 | Intensity coding in low-frequency auditory nerve fibers of the guinea pig. <i>Journal of the Acoustical Society of America</i> , 1991, 90, 1958-1967. | 1.1 | 70 |

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|-----|---|-----|-----------|
| 127 | Temporal responses of primarylike anteroventral cochlear nucleus units to the steady-state vowel /i/. Journal of the Acoustical Society of America, 1990, 88, 1437-1441. | 1.1 | 28 |
| 128 | The representation of the spectra and fundamental frequencies of steady-state single and double vowel sounds in the temporal discharge patterns of guinea pig cochlear nerve fibers. Journal of the Acoustical Society of America, 1990, 88, 1412-1426. | 1.1 | 88 |
| 129 | Responses of single units in the anteroventral cochlear nucleus of the guinea pig. Hearing Research, 1990, 44, 161-178. | 2.0 | 134 |
| 130 | Interaural delay sensitivity to tones and broad band signals in the guinea-pig inferior colliculus. Hearing Research, 1990, 50, 71-86. | 2.0 | 48 |
| 131 | Neuronal responses to amplitude-modulated and pure tone stimuli in the guinea pig inferior colliculus, and their modification by broadband noise. Journal of the Acoustical Society of America, 1989, 85, 1978-1994. | 1.1 | 158 |
| 132 | The IHR-McCormick Automated Toy Discrimination test—description and initial evaluation. International Journal of Audiology, 1989, 23, 245-249. | 0.7 | 16 |
| 133 | Compact and easy-to-use tungsten-in-glass microelectrode manufacturing workstation. Medical and Biological Engineering and Computing, 1988, 26, 669-672. | 2.8 | 60 |
| 134 | Rate-intensity functions and their modification by broadband noise for neurons in the guinea pig inferior colliculus. Journal of the Acoustical Society of America, 1988, 83, 1488-1498. | 1.1 | 80 |
| 135 | Phase-locking in the cochlear nerve of the guinea-pig and its relation to the receptor potential of inner hair-cells. Hearing Research, 1986, 24, 1-15. | 2.0 | 560 |
| 136 | The representation of steady-state vowel sounds in the temporal discharge patterns of the guinea pig cochlear nerve and primarylike cochlear nucleus neurons. Journal of the Acoustical Society of America, 1986, 79, 100-113. | 1.1 | 98 |
| 137 | Suppression by Tones of the Click Evoked Compound Action Potential in the Normal and Pathological Guinea-Pig Cochlea and in man. Scandinavian Audiology, 1985, 14, 67-74. | 0.5 | 3 |
| 138 | Integration of visual and auditory information in bimodal neurones in the guinea-pig superior colliculus. Experimental Brain Research, 1985, 60, 492-500. | 1.5 | 308 |
| 139 | A monaural space map in the guinea-pig superior colliculus. Hearing Research, 1985, 17, 267-280. | 2.0 | 64 |
| 140 | Free-field acoustic stimulation: A reliable, inexpensive system for positioning loudspeaker. Journal of Biomedical Engineering, 1985, 7, 68-70. | 0.7 | 0 |
| 141 | Neurone Response Latency in the Inferior Colliculus in Relation to the Auditory Brainstem Responses (ABR) in the Guinea Pig. Scandinavian Audiology, 1984, 13, 275-281. | 0.5 | 9 |
| 142 | The directionality of the frog ear described by a mechanical model. Journal of Theoretical Biology, 1984, 110, 205-215. | 1.7 | 30 |
| 143 | Some otological differences between pigmented and albino-type guinea pigs. Archives of Oto-rhino-laryngology, 1984, 240, 271-275. | 0.5 | 13 |
| 144 | Cells responsive to free-field auditory stimuli in guinea pig superior colliculus: distribution and response properties.. Journal of Physiology, 1983, 342, 361-381. | 2.9 | 188 |

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|-----|---|------|-----------|
| 145 | A novel optical technique for measuring small vibrations. <i>Journal of Physics E: Scientific Instruments</i> , 1982, 15, 478-484. | 0.7 | 2 |
| 146 | Intensity coding in the auditory periphery of the cat: Responses of cochlear nerve and cochlear nucleus neurons to signals in the presence of bandstop masking noise. <i>Hearing Research</i> , 1982, 7, 305-323. | 2.0 | 70 |
| 147 | Encoding of rapid amplitude fluctuations by cochlear-nerve fibres in the guinea-pig. <i>Archives of Oto-rhino-laryngology</i> , 1982, 236, 197-202. | 0.5 | 77 |
| 148 | The representation of auditory space in the mammalian superior colliculus. <i>Nature</i> , 1982, 299, 248-249. | 27.8 | 151 |
| 149 | Relationship between the dynamic range of cochlear nerve fibres and their spontaneous activity. <i>Experimental Brain Research</i> , 1980, 40, 115-8. | 1.5 | 99 |
| 150 | Cochlear fibre rate-intensity functions: No evidence for basilar membrane nonlinearities. <i>Hearing Research</i> , 1980, 2, 319-326. | 2.0 | 57 |