

Donald A Godfrey

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,080
citations

236925

25
h-index

243625

44
g-index

67
all docs

67
docs citations

67
times ranked

927
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of brainstem lesions on amino acid levels in the rat cochlear nucleus. <i>Hearing Research</i> , 2021, 403, 108187. | 2.0 | 2 |
| 2 | Enzymes of acetylcholine metabolism in the rat inferior colliculus. <i>Brain Research</i> , 2021, 1766, 147518. | 2.2 | 1 |
| 3 | Amino acid and acetylcholine chemistry in mountain beaver cochlear nucleus and comparisons to pocket gopher, other rodents, and cat. <i>Hearing Research</i> , 2020, 385, 107841. | 2.0 | 3 |
| 4 | Chemical Effects Of Kainic Acid Injection Into The Rat Superior Olivary Region. <i>Otolaryngology Head & Neck Surgery</i> , 2020, 6, 1-10. | 0.1 | 1 |
| 5 | Quantitative distribution of choline acetyltransferase activity in rat trapezoid body. <i>Hearing Research</i> , 2018, 370, 264-271. | 2.0 | 2 |
| 6 | Amino acid and acetylcholine chemistry in the central auditory system of young, middle-aged and old rats. <i>Hearing Research</i> , 2017, 350, 173-188. | 2.0 | 22 |
| 7 | Effects of surgical lesions on choline acetyltransferase activity in the cat cochlea. <i>Hearing Research</i> , 2017, 356, 16-24. | 2.0 | 0 |
| 8 | Volumes of cochlear nucleus regions in rodents. <i>Hearing Research</i> , 2016, 339, 161-174. | 2.0 | 10 |
| 9 | Current view of neurotransmitter changes underlying tinnitus. <i>Neural Regeneration Research</i> , 2015, 10, 368. | 3.0 | 4 |
| 10 | Cochlear Damage Affects Neurotransmitter Chemistry in the Central Auditory System. <i>Frontiers in Neurology</i> , 2014, 5, 227. | 2.4 | 28 |
| 11 | Effects of cochlear ablation on amino acid levels in the rat cochlear nucleus and superior olive. <i>Hearing Research</i> , 2014, 309, 44-54. | 2.0 | 14 |
| 12 | Choline acetyltransferase activity in the hamster central auditory system and long-term effects of intense tone exposure. <i>Journal of Neuroscience Research</i> , 2013, 91, 987-996. | 2.9 | 18 |
| 13 | Amino acid concentrations in the hamster central auditory system and long-term effects of intense tone exposure. <i>Journal of Neuroscience Research</i> , 2012, 90, 2214-2224. | 2.9 | 26 |
| 14 | Depolarization-Induced Release of Amino Acids From the Vestibular Nuclear Complex. <i>Neurochemical Research</i> , 2012, 37, 732-739. | 3.3 | 1 |
| 15 | Changes of amino acid concentrations in the rat vestibular nuclei after midline lesions. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2011, 21, 175-191. | 2.0 | 1 |
| 16 | Cerebellum-Related Characteristics of Scn8a-Mutant Mice. <i>Cerebellum</i> , 2009, 8, 192-201. | 2.5 | 15 |
| 17 | Dorsal Cochlear Nucleus Hyperactivity and Tinnitus: Are They Related?. <i>American Journal of Audiology</i> , 2008, 17, S148-61. | 1.2 | 69 |
| 18 | Effects of High-Intensity Sound Exposure on Neurotransmitter Chemistry in the Central Auditory System. <i>Seminars in Hearing</i> , 2008, 29, 259-269. | 1.2 | 5 |

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|----|---|-----|-----------|
| 19 | Changes of amino acid concentrations in the rat vestibular nuclei after inferior cerebellar peduncle transection. <i>Journal of Neuroscience Research</i> , 2007, 85, 558-574. | 2.9 | 9 |
| 20 | Comparison of $\hat{1}^3$ -aminobutyrate receptors in the medial vestibular nucleus of control and Scn8a mutant mice. <i>Brain Research</i> , 2007, 1186, 188-193. | 2.2 | 3 |
| 21 | Effects of intense tone exposure on choline acetyltransferase activity in the hamster cochlear nucleus. <i>Hearing Research</i> , 2006, 216-217, 168-175. | 2.0 | 50 |
| 22 | Effects of cochlear ablation on muscarinic acetylcholine receptor binding in the rat cochlear nucleus. <i>Journal of Neuroscience Research</i> , 2006, 83, 157-166. | 2.9 | 42 |
| 23 | Effects of cochlear ablation on choline acetyltransferase activity in the rat cochlear nucleus and superior olive. <i>Journal of Neuroscience Research</i> , 2005, 81, 91-101. | 2.9 | 30 |
| 24 | Amino acid concentrations in chinchilla cochlear nucleus at different times after carboplatin treatment. <i>Hearing Research</i> , 2005, 206, 64-73. | 2.0 | 13 |
| 25 | Effects of unilateral vestibular ganglionectomy on glutaminase activity in the vestibular nerve root and vestibular nuclear complex of the rat. <i>Journal of Neuroscience Research</i> , 2004, 77, 603-612. | 2.9 | 10 |
| 26 | Remodeling of synaptic connections in the deafferented vestibular nuclear complex. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2003, 12, 167-183. | 2.0 | 19 |
| 27 | Effects of carboplatin on amino acid chemistry in chinchilla cochlear nucleus. <i>Hearing Research</i> , 2002, 165, 19-29. | 2.0 | 8 |
| 28 | Effects of acoustic trauma on dorsal cochlear nucleus neuron activity in slices. <i>Hearing Research</i> , 2002, 164, 59-68. | 2.0 | 72 |
| 29 | Spontaneous activity in rat vestibular nuclei in brain slices and effects of acetylcholine agonists and antagonists. <i>Brain Research</i> , 2002, 934, 58-68. | 2.2 | 25 |
| 30 | Quantitative Changes of Amino Acid Distributions in the Rat Vestibular Nuclear Complex After Unilateral Vestibular Ganglionectomy. <i>Journal of Neurochemistry</i> , 2002, 66, 1550-1564. | 3.9 | 32 |
| 31 | Plasticity of $\hat{1}^3$ -aminobutyrate receptors in the medial vestibular nucleus of rat after inferior cerebellar peduncle transection. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2002, 12, 1-14. | 2.0 | 8 |
| 32 | Plasticity of gamma-aminobutyrate receptors in the medial vestibular nucleus of rat after inferior cerebellar peduncle transection. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2002, 12, 1-14. | 2.0 | 3 |
| 33 | Exercise increases blood flow to locomotor, vestibular, cardiorespiratory and visual regions of the brain in miniature swine. <i>Journal of Physiology</i> , 2001, 533, 849-859. | 2.9 | 119 |
| 34 | Effects of high-potassium-induced depolarization on amino acid chemistry of the dorsal cochlear nucleus in rat brain slices. <i>Neurochemical Research</i> , 2000, 25, 823-835. | 3.3 | 14 |
| 35 | Amino acid concentrations in rat cochlear nucleus and superior olive. <i>Hearing Research</i> , 2000, 150, 189-205. | 2.0 | 32 |
| 36 | Vesicular Acetylcholine Transporter in the Rat Cochlear Nucleus: An Immunohistochemical Study. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 83-90. | 2.5 | 23 |

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|----|--|-----|-----------|
| 37 | Astrocyte Reaction in the Rat Vestibular Nuclei after Unilateral Removal of Scarpa's Ganglion. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1999, 108, 181-188. | 1.1 | 11 |
| 38 | Reduced spontaneous activity in the dorsal cochlear nucleus of Scn8a mutant mice. <i>Brain Research</i> , 1999, 847, 85-89. | 2.2 | 16 |
| 39 | Immunohistochemical evaluation of cholinergic neurons in the rat superior olivary complex. , 1998, 41, 270-283. | | 39 |
| 40 | Changes in spontaneous neural activity in the dorsal cochlear nucleus following exposure to intense sound: relation to threshold shift. <i>Hearing Research</i> , 1998, 124, 78-84. | 2.0 | 121 |
| 41 | Chemistry of Granular and Closely Related Regions of the Cochlear Nucleus. , 1997, , 139-153. | | 20 |
| 42 | Effects of parallel fiber stimulation on neurons of rat dorsal cochlear nucleus. <i>Hearing Research</i> , 1996, 98, 169-179. | 2.0 | 36 |
| 43 | Immunolocalization of muscarinic acetylcholine subtype 2 receptors in rat cochlear nucleus. , 1996, 373, 27-40. | | 20 |
| 44 | Autoradiographic Distribution of Muscarinic Acetylcholine Receptor Subtypes in Rat Cochlear Nucleus. <i>Auditory Neuroscience</i> , 1996, 2, 241-255. | 0.2 | 0 |
| 45 | Comparison of surgeries for removal of primary vestibular inputs: A combined anatomical and behavioral study in rats. <i>Laryngoscope</i> , 1995, 105, 417-424. | 2.0 | 35 |
| 46 | Amino acid concentrations and selected enzyme activities in rat auditory, olfactory, and visual systems. <i>Neurochemical Research</i> , 1995, 20, 1483-1490. | 3.3 | 40 |
| 47 | Volumes of Cochlear Nucleus Regions in Mountain Beaver Compared with Other Rodents. <i>Otolaryngology - Head and Neck Surgery</i> , 1995, 113, P100-P100. | 1.9 | 2 |
| 48 | Quantitative Distribution of Amino Acids in the Rat Vestibular Nuclei. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 1994, 4, 437-452. | 2.0 | 16 |
| 49 | Cholinergic modulation of spontaneous activity in rat dorsal cochlear nucleus. <i>Hearing Research</i> , 1994, 77, 168-176. | 2.0 | 40 |
| 50 | Connections between the cochlear nuclei in guinea pig. <i>Hearing Research</i> , 1992, 62, 16-26. | 2.0 | 96 |
| 51 | Sampling fluid from slice chambers by microsiphoning. <i>Journal of Neuroscience Methods</i> , 1992, 41, 167-173. | 2.5 | 13 |
| 52 | Descending projections to the dorsal and ventral divisions of the cochlear nucleus in guinea pig. <i>Hearing Research</i> , 1991, 52, 255-268. | 2.0 | 92 |
| 53 | Enzymes of Transmitter and Energy Metabolism in Cat Middle Ear Muscles. <i>Otolaryngology - Head and Neck Surgery</i> , 1990, 103, 799-804. | 1.9 | 4 |
| 54 | Quantitative Distributions of Aspartate Aminotransferase and Glutaminase Activities in the Guinea Pig Cochlea. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1990, 99, 353-358. | 1.1 | 2 |

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|----|--|-----|-----------|
| 55 | Contribution of centrifugal innervation to choline acetyltransferase activity in the cat cochlear nucleus. <i>Hearing Research</i> , 1990, 49, 259-279. | 2.0 | 29 |
| 56 | Enzymes of transmitter and energy metabolism in rat middle ear and extraocular muscles. <i>Hearing Research</i> , 1990, 48, 187-194. | 2.0 | 6 |
| 57 | Quantitative distribution of six amino acids in rat retinal layers. <i>Vision Research</i> , 1989, 29, 1079-1084. | 1.4 | 21 |
| 58 | Effect of olivocochlear bundle transection on choline acetyltransferase activity in the rat cochlear nucleus. <i>Hearing Research</i> , 1987, 28, 237-251. | 2.0 | 41 |
| 59 | Effects of trapezoid body and superior olive lesions on choline acetyltransferase activity in the rat cochlear nucleus. <i>Hearing Research</i> , 1987, 28, 253-270. | 2.0 | 45 |
| 60 | Quantitative inter-strain comparison of the distribution of choline acetyltransferase activity in the rat cochlear nucleus. <i>Hearing Research</i> , 1987, 31, 203-209. | 2.0 | 16 |
| 61 | Quantitative distributions of aspartate aminotransferase and glutaminase activities in the rat cochlea. <i>Hearing Research</i> , 1986, 24, 137-150. | 2.0 | 19 |
| 62 | Choline acetyltransferase and acetylcholinesterase in centrifugal labyrinthine bundles of rats. <i>Hearing Research</i> , 1984, 14, 93-106. | 2.0 | 45 |
| 63 | Effects of large brain stem lesions on the cholinergic system in the rat cochlear nucleus. <i>Hearing Research</i> , 1983, 11, 133-156. | 2.0 | 41 |
| 64 | A block model of the cat cochlear nucleus. <i>Journal of Comparative Neurology</i> , 1975, 162, 221-245. | 1.6 | 51 |
| 65 | Single unit activity in the posteroventral cochlear nucleus of the cat. <i>Journal of Comparative Neurology</i> , 1975, 162, 247-268. | 1.6 | 265 |
| 66 | Single unit activity in the dorsal cochlear nucleus of the cat. <i>Journal of Comparative Neurology</i> , 1975, 162, 269-284. | 1.6 | 163 |