

# 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	Single unit activity in the posteroventral cochlear nucleus of the cat. <i>Journal of Comparative Neurology</i> , 1975, 162, 247-268.	1.6	265
2	Single unit activity in the dorsal cochlear nucleus of the cat. <i>Journal of Comparative Neurology</i> , 1975, 162, 269-284.	1.6	163
3	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
4	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
5	Connections between the cochlear nuclei in guinea pig. <i>Hearing Research</i> , 1992, 62, 16-26.	2.0	96
6	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
7	Effects of acoustic trauma on dorsal cochlear nucleus neuron activity in slices. <i>Hearing Research</i> , 2002, 164, 59-68.	2.0	72
8	Dorsal Cochlear Nucleus Hyperactivity and Tinnitus: Are They Related?. <i>American Journal of Audiology</i> , 2008, 17, S148-61.	1.2	69
9	A block model of the cat cochlear nucleus. <i>Journal of Comparative Neurology</i> , 1975, 162, 221-245.	1.6	51
10	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
11	Choline acetyltransferase and acetylcholinesterase in centrifugal labyrinthine bundles of rats. <i>Hearing Research</i> , 1984, 14, 93-106.	2.0	45
12	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
13	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
14	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
15	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
16	Cholinergic modulation of spontaneous activity in rat dorsal cochlear nucleus. <i>Hearing Research</i> , 1994, 77, 168-176.	2.0	40
17	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
18	Immunohistochemical evaluation of cholinergic neurons in the rat superior olivary complex. , 1998, 41, 270-283.		39

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19	Effects of parallel fiber stimulation on neurons of rat dorsal cochlear nucleus. <i>Hearing Research</i> , 1996, 98, 169-179.	2.0	36
20	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
21	Amino acid concentrations in rat cochlear nucleus and superior olive. <i>Hearing Research</i> , 2000, 150, 189-205.	2.0	32
22	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
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	Contribution of centrifugal innervation to choline acetyltransferase activity in the cat cochlear nucleus. <i>Hearing Research</i> , 1990, 49, 259-279.	2.0	29
25	Cochlear Damage Affects Neurotransmitter Chemistry in the Central Auditory System. <i>Frontiers in Neurology</i> , 2014, 5, 227.	2.4	28
26	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
27	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
28	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
29	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
30	Quantitative distribution of six amino acids in rat retinal layers. <i>Vision Research</i> , 1989, 29, 1079-1084.	1.4	21
31	Immunolocalization of muscarinic acetylcholine subtype 2 receptors in rat cochlear nucleus. , 1996, 373, 27-40.		20
32	Chemistry of Granular and Closely Related Regions of the Cochlear Nucleus. , 1997, , 139-153.		20
33	Quantitative distributions of aspartate aminotransferase and glutaminase activities in the rat cochlea. <i>Hearing Research</i> , 1986, 24, 137-150.	2.0	19
34	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
35	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
36	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

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37	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
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	Cerebellum-Related Characteristics of Scn8a-Mutant Mice. <i>Cerebellum</i> , 2009, 8, 192-201.	2.5	15
40	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
41	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
42	Sampling fluid from slice chambers by microsiphoning. <i>Journal of Neuroscience Methods</i> , 1992, 41, 167-173.	2.5	13
43	Amino acid concentrations in chinchilla cochlear nucleus at different times after carboplatin treatment. <i>Hearing Research</i> , 2005, 206, 64-73.	2.0	13
44	Astrocyte Reaction in the Rat Vestibular Nuclei after Unilateral Removal of Scarpa's Ganglion. <i>Annals of Otology, Rhinology and Laryngology</i> , 1999, 108, 181-188.	1.1	11
45	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
46	Volumes of cochlear nucleus regions in rodents. <i>Hearing Research</i> , 2016, 339, 161-174.	2.0	10
47	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
48	Effects of carboplatin on amino acid chemistry in chinchilla cochlear nucleus. <i>Hearing Research</i> , 2002, 165, 19-29.	2.0	8
49	Plasticity of $\hat{f}^3$ -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
50	Enzymes of transmitter and energy metabolism in rat middle ear and extraocular muscles. <i>Hearing Research</i> , 1990, 48, 187-194.	2.0	6
51	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
52	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
53	Current view of neurotransmitter changes underlying tinnitus. <i>Neural Regeneration Research</i> , 2015, 10, 368.	3.0	4
54	Comparison of $\hat{f}^3$ -aminobutyrate receptors in the medial vestibular nucleus of control and Scn8a mutant mice. <i>Brain Research</i> , 2007, 1186, 188-193.	2.2	3

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55	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
56	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
57	Quantitative Distributions of Aspartate Aminotransferase and Glutaminase Activities in the Guinea Pig Cochlea. <i>Annals of Otology, Rhinology and Laryngology</i> , 1990, 99, 353-358.	1.1	2
58	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
59	Quantitative distribution of choline acetyltransferase activity in rat trapezoid body. <i>Hearing Research</i> , 2018, 370, 264-271.	2.0	2
60	Effects of brainstem lesions on amino acid levels in the rat cochlear nucleus. <i>Hearing Research</i> , 2021, 403, 108187.	2.0	2
61	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
62	Depolarization-Induced Release of Amino Acids From the Vestibular Nuclear Complex. <i>Neurochemical Research</i> , 2012, 37, 732-739.	3.3	1
63	Enzymes of acetylcholine metabolism in the rat inferior colliculus. <i>Brain Research</i> , 2021, 1766, 147518.	2.2	1
64	Chemical Effects Of Kainic Acid Injection Into The Rat Superior Olivary Region. <i>Otolaryngology Head &amp; Neck Surgery</i> , 2020, 6, 1-10.	0.1	1
65	Effects of surgical lesions on choline acetyltransferase activity in the cat cochlea. <i>Hearing Research</i> , 2017, 356, 16-24.	2.0	0
66	Autoradiographic Distribution of Muscarinic Acetylcholine Receptor Subtypes in Rat Cochlear Nucleus. <i>Auditory Neuroscience</i> , 1996, 2, 241-255.	0.2	0