

Mark N Wallace

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,240
citations

430874

18
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

893
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	Communication calls produced by electrical stimulation of four structures in the guinea pig brain. <i>PLoS ONE</i> , 2018, 13, e0194091.	2.5	10
8	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
9	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
10	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
11	Neural changes accompanying tinnitus following unilateral acoustic trauma in the guinea pig. <i>European Journal of Neuroscience</i> , 2014, 40, 2427-2441.	2.6	75
12	Changes in the Response Properties of Inferior Colliculus Neurons Relating to Tinnitus. <i>Frontiers in Neurology</i> , 2014, 5, 203.	2.4	19
13	A novel behavioural approach to detecting tinnitus in the guinea pig. <i>Journal of Neuroscience Methods</i> , 2013, 213, 188-195.	2.5	59
14	Representation of individual elements of a complex call sequence in primary auditory cortex. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 72.	2.5	5
15	Processing of Communication Calls in Guinea Pig Auditory Cortex. <i>PLoS ONE</i> , 2012, 7, e51646.	2.5	50
16	Morphological and Physiological Characteristics of Laminar Cells in the Central Nucleus of the Inferior Colliculus. <i>Frontiers in Neural Circuits</i> , 2012, 6, 55.	2.8	36
17	Cortical Inactivation by Cooling in Small Animals. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 53.	2.5	32
18	Intrinsic Connections of the Auditory Cortex. , 2011, , 133-145.		7

#	ARTICLE	IF	CITATIONS
19	Phase-Locked Responses to Pure Tones in the Auditory Thalamus. Journal of Neurophysiology, 2007, 98, 1941-1952.	1.8	34
20	Phase-Locked Responses to Pure Tones in the Inferior Colliculus. Journal of Neurophysiology, 2006, 95, 1926-1935.	1.8	107
21	Responses to the purr call in three areas of the guinea pig auditory cortex. NeuroReport, 2005, 16, 2001-2005.	1.2	9
22	Representation of the purr call in the guinea pig primary auditory cortex. Hearing Research, 2005, 204, 115-126.	2.0	37
23	Onset Neurones in the Anteroventral Cochlear Nucleus Project to the Dorsal Cochlear Nucleus. JARO - Journal of the Association for Research in Otolaryngology, 2004, 5, 153-70.	1.8	70
24	Spectrotemporal Receptive Field Properties of Single Units in the Primary, Dorsocaudal and Ventrorostral Auditory Cortex of the Guinea Pig. Audiology and Neuro-Otology, 2002, 7, 214-227.	1.3	41
25	Phase-locked responses to pure tones in the primary auditory cortex. Hearing Research, 2002, 172, 160-171.	2.0	50
26	Interconnections of auditory areas in the guinea pig neocortex. Experimental Brain Research, 2002, 143, 106-119.	1.5	34
27	Histochemical identification of cortical areas in the auditory region of the human brain. Experimental Brain Research, 2002, 143, 499-508.	1.5	158
28	Phase-locked responses to pure tones in guinea pig auditory cortex. NeuroReport, 2000, 11, 3989-3993.	1.2	35
29	Identification and localisation of auditory areas in guinea pig cortex. Experimental Brain Research, 2000, 132, 445-456.	1.5	167
30	Organisation of binaural interactions in the primary and dorsocaudal fields of the guinea pig auditory cortex. Hearing Research, 2000, 145, 177-189.	2.0	51
31	A ventrorostral belt is adjacent to the guinea pig primary auditory cortex. NeuroReport, 1999, 10, 2095-2099.	1.2	18
32	NADPH diaphorase activity in activated astrocytes representing inducible nitric oxide synthase. Methods in Enzymology, 1996, 268, 497-503.	1.0	11
33	Patchy intrinsic connections of the ferret primary auditory cortex. NeuroReport, 1991, 2, 417-420.	1.2	25