

Edwin W Rubel

List of Publications by Year in descending order

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196
papers

14,361
citations

10650

74
h-index

28425

109
g-index

201
all docs

201
docs citations

201
times ranked

5969
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloroquine kills hair cells in zebrafish lateral line and murine cochlear cultures: Implications for ototoxicity. <i>Hearing Research</i> , 2020, 395, 108019.	0.9	22
2	De novo sequencing and initial annotation of the Mongolian gerbil (<i>Meriones unguiculatus</i>) genome. <i>Genomics</i> , 2019, 111, 441-449.	1.3	29
3	ORC-13661 protects sensory hair cells from aminoglycoside and cisplatin ototoxicity. <i>JCI Insight</i> , 2019, 4, .	2.3	52
4	Phenotypic Optimization of Urea- α -Thiophene Carboxamides To Yield Potent, Well Tolerated, and Orally Active Protective Agents against Aminoglycoside-Induced Hearing Loss. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 84-97.	2.9	58
5	The role of retrograde intraflagellar transport genes in aminoglycoside-induced hair cell death. <i>Biology Open</i> , 2018, 8, .	0.6	6
6	Noise-Induced Hypersensitization of the Acoustic Startle Response in Larval Zebrafish. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2018, 19, 741-752.	0.9	17
7	Maintenance of neuronal size gradient in MNTB requires sound-evoked activity. <i>Journal of Neurophysiology</i> , 2017, 117, 756-766.	0.9	20
8	Proteomic analyses of nucleus laminaris identified candidate targets of the fragile X mental retardation protein. <i>Journal of Comparative Neurology</i> , 2017, 525, 3341-3359.	0.9	7
9	Cellular distribution of the fragile X mental retardation protein in the mouse brain. <i>Journal of Comparative Neurology</i> , 2017, 525, 818-849.	0.9	52
10	Mitochondrial calcium uptake underlies ROS generation during aminoglycoside-induced hair cell death. <i>Journal of Clinical Investigation</i> , 2016, 126, 3556-3566.	3.9	133
11	Glial Cell Contributions to Auditory Brainstem Development. <i>Frontiers in Neural Circuits</i> , 2016, 10, 83.	1.4	11
12	Cilia-Associated Genes Play Differing Roles in Aminoglycoside-Induced Hair Cell Death in Zebrafish. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2225-2235.	0.8	22
13	Innervation regulates synaptic ribbons in lateral line mechanosensory hair cells. <i>Journal of Cell Science</i> , 2016, 129, 2250-60.	1.2	26
14	Fluorescent aminoglycosides reveal intracellular trafficking routes in mechanosensory hair cells. <i>Journal of Clinical Investigation</i> , 2016, 127, 472-486.	3.9	67
15	Modifying Dendritic Structure After Function. , 2016, , 245-270.		0
16	Identification of Small Molecule Inhibitors of Cisplatin-Induced Hair Cell Death. <i>Otology and Neurotology</i> , 2015, 36, 519-525.	0.7	33
17	Using the zebrafish lateral line to uncover novel mechanisms of action and prevention in drug-induced hair cell death. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 46.	1.8	30
18	Selective Deletion of Cochlear Hair Cells Causes Rapid Age-Dependent Changes in Spiral Ganglion and Cochlear Nucleus Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 7878-7891.	1.7	69

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19	Fractalkine Signaling Regulates Macrophage Recruitment into the Cochlea and Promotes the Survival of Spiral Ganglion Neurons after Selective Hair Cell Lesion. <i>Journal of Neuroscience</i> , 2015, 35, 15050-15061.	1.7	124
20	Differential Conduction Velocity Regulation in Ipsilateral and Contralateral Collaterals Innervating Brainstem Coincidence Detector Neurons. <i>Journal of Neuroscience</i> , 2014, 34, 4914-4919.	1.7	56
21	The zebrafish <i>merovingian</i> mutant reveals a role for pH regulation in hair cell toxicity and function. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 847-856.	1.2	47
22	Intense and specialized dendritic localization of the fragile X mental retardation protein in binaural brainstem neurons: A comparative study in the alligator, chicken, gerbil, and human. <i>Journal of Comparative Neurology</i> , 2014, 522, 2107-2128.	0.9	39
23	Spontaneous hair cell regeneration in the neonatal mouse cochlea <i>in vivo</i> . <i>Development (Cambridge)</i> , 2014, 141, 1599-1599.	1.2	14
24	ER ⁺ Mitochondrial Calcium Flow Underlies Vulnerability of Mechanosensory Hair Cells to Damage. <i>Journal of Neuroscience</i> , 2014, 34, 9703-9719.	1.7	100
25	Bax, Bcl2, and p53 Differentially Regulate Neomycin- and Gentamicin-Induced Hair Cell Death in the Zebrafish Lateral Line. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2013, 14, 645-659.	0.9	99
26	Auditory sensitivity of larval zebrafish (<i>Danio rerio</i>) measured using a behavioral prepulse inhibition assay. <i>Journal of Experimental Biology</i> , 2013, 216, 3504-3513.	0.8	91
27	Transgenic quail as a model for research in the avian nervous system: A comparative study of the auditory brainstem. <i>Journal of Comparative Neurology</i> , 2013, 521, 5-23.	0.9	36
28	Transgenic quail as a model for research in the avian nervous system: A comparative study of the auditory brainstem. <i>Journal of Comparative Neurology</i> , 2013, 521, Spc1-Spc1.	0.9	0
29	Fish in a dish: drug discovery for hearing habilitation. <i>Drug Discovery Today: Disease Models</i> , 2013, 10, e23-e29.	1.2	42
30	Profiling drug-induced cell death pathways in the zebrafish lateral line. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 393-408.	2.2	73
31	Disruption of Intracellular Calcium Regulation Is Integral to Aminoglycoside-Induced Hair Cell Death. <i>Journal of Neuroscience</i> , 2013, 33, 7513-7525.	1.7	75
32	A brief history of hair cell regeneration research and speculations on the future. <i>Hearing Research</i> , 2013, 297, 42-51.	0.9	137
33	Hearing Loss, Protection, and Regeneration in the Larval Zebrafish Lateral Line. <i>Springer Handbook of Auditory Research</i> , 2013, , 313-347.	0.3	5
34	Functional Mechanotransduction Is Required for Cisplatin-Induced Hair Cell Death in the Zebrafish Lateral Line. <i>Journal of Neuroscience</i> , 2013, 33, 4405-4414.	1.7	80
35	Afferent regulation of chicken auditory brainstem neurons: Rapid changes in phosphorylation of elongation factor 2. <i>Journal of Comparative Neurology</i> , 2013, 521, 1165-1183.	0.9	10
36	Pre-target axon sorting in the avian auditory brainstem. <i>Journal of Comparative Neurology</i> , 2013, 521, 2310-2320.	0.9	2

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37	Loss of Slc4a1b Chloride/Bicarbonate Exchanger Function Protects Mechanosensory Hair Cells from Aminoglycoside Damage in the Zebrafish Mutant persephone. <i>PLoS Genetics</i> , 2012, 8, e1002971.	1.5	21
38	<i>In Vivo</i> Reversible Regulation of Dendritic Patterning by Afferent Input in Bipolar Auditory Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 11495-11504.	1.7	16
39	TrkB Downregulation Is Required for Dendrite Retraction in Developing Neurons of Chicken Nucleus Magnocellularis. <i>Journal of Neuroscience</i> , 2012, 32, 14000-14009.	1.7	17
40	Identification of Modulators of Hair Cell Regeneration in the Zebrafish Lateral Line. <i>Journal of Neuroscience</i> , 2012, 32, 3516-3528.	1.7	76
41	Hair Cell Replacement in Adult Mouse Utricles after Targeted Ablation of Hair Cells with Diphtheria Toxin. <i>Journal of Neuroscience</i> , 2012, 32, 15093-15105.	1.7	169
42	Screening for chemicals that affect hair cell death and survival in the zebrafish lateral line. <i>Hearing Research</i> , 2012, 288, 58-66.	0.9	57
43	Screen of FDA-approved drug library reveals compounds that protect hair cells from aminoglycosides and cisplatin. <i>Hearing Research</i> , 2012, 294, 153-165.	0.9	68
44	Tonotopic organization of the superior olivary nucleus in the chicken auditory brainstem. <i>Journal of Comparative Neurology</i> , 2012, 520, 1493-1508.	0.9	12
45	Rheotaxis in Larval Zebrafish Is Mediated by Lateral Line Mechanosensory Hair Cells. <i>PLoS ONE</i> , 2012, 7, e29727.	1.1	152
46	Preparation and Culture of Chicken Auditory Brainstem Slices. <i>Journal of Visualized Experiments</i> , 2011, ..	0.2	13
47	Topography and morphology of the inhibitory projection from superior olivary nucleus to nucleus laminaris in chickens (<i>Gallus gallus</i>). <i>Journal of Comparative Neurology</i> , 2011, 519, 358-375.	0.9	12
48	Inhibition in the balance: binaurally coupled inhibitory feedback in sound localization circuitry. <i>Journal of Neurophysiology</i> , 2011, 106, 4-14.	0.9	41
49	Three-dimensional confocal microscopy of the mammalian inner ear. <i>Audiological Medicine</i> , 2010, 8, 120-128.	0.4	9
50	Drug screening for hearing loss: Using the zebrafish lateral line to screen for drugs that prevent and cause hearing loss. <i>Drug Discovery Today</i> , 2010, 15, 265-271.	3.2	92
51	Mechanisms for Adjusting Interaural Time Differences to Achieve Binaural Coincidence Detection. <i>Journal of Neuroscience</i> , 2010, 30, 70-80.	1.7	133
52	Development of Glutamatergic Synaptic Transmission in Binaural Auditory Neurons. <i>Journal of Neurophysiology</i> , 2010, 104, 1774-1789.	0.9	40
53	Chemical Screening for Hair Cell Loss and Protection in the Zebrafish Lateral Line. <i>Zebrafish</i> , 2010, 7, 3-11.	0.5	110
54	Compartment-specific regulation of plasma membrane calcium ATPase type 2 in the chick auditory brainstem. <i>Journal of Comparative Neurology</i> , 2009, 514, 624-640.	0.9	15

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55	Identification of FDA-Approved Drugs and Bioactives that Protect Hair Cells in the Zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlock in Otolaryngology, 2009, 10, 191-203.	0.9	108
56	Response of mechanosensory hair cells of the zebrafish lateral line to aminoglycosides reveals distinct cell death pathways. Hearing Research, 2009, 253, 32-41.	0.9	108
57	Extracellular divalent cations modulate aminoglycoside-induced hair cell death in the zebrafish lateral line. Hearing Research, 2009, 253, 42-51.	0.9	90
58	Using the Zebrafish Lateral Line to Screen for Ototoxicity. JARO - Journal of the Association for Research in Otolaryngology, 2008, 9, 178-190.	0.9	174
59	CC2D2A Is Mutated in Joubert Syndrome and Interacts with the Ciliopathy-Associated Basal Body Protein CEP290. American Journal of Human Genetics, 2008, 83, 559-571.	2.6	202
60	Notch Signaling Regulates the Extent of Hair Cell Regeneration in the Zebrafish Lateral Line. Journal of Neuroscience, 2008, 28, 2261-2273.	1.7	227
61	Identification of Genetic and Chemical Modulators of Zebrafish Mechanosensory Hair Cell Death. PLoS Genetics, 2008, 4, e1000020.	1.5	193
62	Afferent Deprivation Elicits a Transcriptional Response Associated with Neuronal Survival after a Critical Period in the Mouse Cochlear Nucleus. Journal of Neuroscience, 2008, 28, 10990-11002.	1.7	25
63	Cisplatin-induced hair cell loss in zebrafish (Danio rerio) lateral line. Hearing Research, 2007, 233, 46-53.	0.9	139
64	Development of Spontaneous Miniature EPSCs in Mouse AVCN Neurons During a Critical Period of Afferent-Dependent Neuron Survival. Journal of Neurophysiology, 2007, 97, 635-646.	0.9	39
65	Ultrastructural analysis of aminoglycoside-induced hair cell death in the zebrafish lateral line reveals an early mitochondrial response. Journal of Comparative Neurology, 2007, 502, 522-543.	0.9	104
66	Lateral line hair cell maturation is a determinant of aminoglycoside susceptibility in zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 0.9	0.9	125
67	Afferent regulation of neuron number in the cochlear nucleus: Cellular and molecular analyses of a critical period. Hearing Research, 2006, 216-217, 127-137.	0.9	59
68	JNK signaling in neomycin-induced vestibular hair cell death. Hearing Research, 2006, 221, 128-135.	0.9	62
69	Formation of the avian nucleus magnocellularis from the auditory anlage. Journal of Comparative Neurology, 2006, 498, 433-442.	0.9	20
70	The Level and Integrity of Synaptic Input Regulates Dendrite Structure. Journal of Neuroscience, 2006, 26, 1539-1550.	1.7	56
71	Mechanisms of hair cell death and protection. Current Opinion in Otolaryngology and Head and Neck Surgery, 2005, 13, 343-348.	0.8	203
72	Avian superior olivary nucleus provides divergent inhibitory input to parallel auditory pathways. Journal of Comparative Neurology, 2005, 481, 6-18.	0.9	100

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73	Expression of GABAB receptor in the avian auditory brainstem: Ontogeny, afferent deprivation, and ultrastructure. <i>Journal of Comparative Neurology</i> , 2005, 489, 11-22.	0.9	17
74	Gene expression differences over a critical period of afferent-dependent neuron survival in the mouse auditory brainstem. <i>Journal of Comparative Neurology</i> , 2005, 493, 460-474.	0.9	37
75	Activation of Metabotropic Glutamate Receptors Inhibits High-Voltage-Gated Calcium Channel Currents of Chicken Nucleus Magnocellularis Neurons. <i>Journal of Neurophysiology</i> , 2005, 93, 1418-1428.	0.9	25
76	GABAB Receptor Activation Modulates GABAA Receptor-Mediated Inhibition in Chicken Nucleus Magnocellularis Neurons. <i>Journal of Neurophysiology</i> , 2005, 93, 1429-1438.	0.9	26
77	Activity-dependent regulation of the potassium channel subunits Kv1.1 and Kv3.1. <i>Journal of Comparative Neurology</i> , 2004, 470, 93-106.	0.9	90
78	Electron microscopy of degenerative changes in the chick basilar papilla after gentamicin exposure. <i>Journal of Comparative Neurology</i> , 2004, 470, 164-180.	0.9	40
79	Tonotopic gradients of Eph family proteins in the chick nucleus laminaris during synaptogenesis. <i>Journal of Neurobiology</i> , 2004, 60, 28-39.	3.7	46
80	Overexpression of Bcl-2 prevents neomycin-induced hair cell death and caspase-9 activation in the adult mouse utricle in vitro. <i>Journal of Neurobiology</i> , 2004, 60, 89-100.	3.7	73
81	Assembling, Connecting, and Maintaining the Cochlear Nucleus. <i>Springer Handbook of Auditory Research</i> , 2004, , 8-48.	0.3	13
82	Hair Cell Death in the Avian Basilar Papilla: Characterization of the in vitro Model and Caspase Activation. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2003, 4, 91-105.	0.9	78
83	Neomycin-Induced Hair Cell Death and Rapid Regeneration in the Lateral Line of Zebrafish (<i>Danio rerio</i>) Tj ETQq1 1 0,784314,rgBT /Over	0.9	415
84	Ultrastructural analysis of [3H]thymidine-labeled cells in the rat utricular macula. <i>Journal of Comparative Neurology</i> , 2003, 463, 177-195.	0.9	42
85	Timing and topography of nucleus magnocellularis innervation by the cochlear ganglion. <i>Journal of Comparative Neurology</i> , 2003, 466, 577-591.	0.9	31
86	Developmental differences in susceptibility to neomycin-induced hair cell death in the lateral line neuromasts of zebrafish (<i>Danio rerio</i>). <i>Hearing Research</i> , 2003, 186, 47-56.	0.9	100
87	Auditory System Development: Primary Auditory Neurons and Their Targets. <i>Annual Review of Neuroscience</i> , 2002, 25, 51-101.	5.0	538
88	Caspase Activation in Hair Cells of the Mouse Utricle Exposed to Neomycin. <i>Journal of Neuroscience</i> , 2002, 22, 8532-8540.	1.7	151
89	Zebrafish Neuromast Hair Cell Nuclei are Labeled in Vivo by Uptake of Monomeric Cyanine Dyes. <i>Microscopy and Microanalysis</i> , 2002, 8, 1058-1059.	0.2	0
90	Choosing axonal real estate: Location, location, location. <i>Journal of Comparative Neurology</i> , 2002, 448, 1-5.	0.9	24

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91	Expression of EphB receptors and EphrinB ligands in the developing chick auditory brainstem. <i>Journal of Comparative Neurology</i> , 2002, 452, 51-64.	0.9	44
92	bcl-2 Overexpression Eliminates Deprivation-Induced Cell Death of Brainstem Auditory Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 4670-4674.	1.7	58
93	FGFR3 Expression during Development and Regeneration of the Chick Inner Ear Sensory Epithelia. <i>Developmental Biology</i> , 2001, 238, 247-259.	0.9	57
94	Tonotopic map of potassium currents in chick auditory hair cells using an intact basilar papilla. <i>Hearing Research</i> , 2001, 156, 81-94.	0.9	23
95	Temporal, spatial, and morphologic features of hair cell regeneration in the avian basilar papilla. , 2000, 417, 1-16.		76
96	Tyrosine phosphatase SHP-1 immunoreactivity increases in a subset of astrocytes following deafferentation of the chicken auditory brainstem. <i>Journal of Comparative Neurology</i> , 2000, 421, 199-214.	0.9	15
97	Developmental regulation of ephA4 expression in the chick auditory brainstem. <i>Journal of Comparative Neurology</i> , 2000, 426, 270-278.	0.9	44
98	Patterns of cell death in mouse anteroventral cochlear nucleus neurons after unilateral cochlea removal. <i>Journal of Comparative Neurology</i> , 2000, 426, 561-571.	0.9	141
99	Characterization of Damage and Regeneration in Cultured Avian Utricles. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2000, 1, 46-63.	0.9	43
100	GABAergic Inhibition in Nucleus Magnocellularis: Implications for Phase Locking in the Avian Auditory Brainstem. <i>Journal of Neuroscience</i> , 2000, 20, 2954-2963.	1.7	101
101	Embryonic Origins of Auditory Brain-Stem Nuclei in the Chick Hindbrain. <i>Developmental Biology</i> , 2000, 224, 138-151.	0.9	78
102	Patterns of cell death in mouse anteroventral cochlear nucleus neurons after unilateral cochlea removal. , 2000, 426, 561.		1
103	Glutamate Regulates IP ₃ -Type and CICR Stores in the Avian Cochlear Nucleus. <i>Journal of Neurophysiology</i> , 1999, 81, 1587-1596.	0.9	32
104	Life and Death in Otolaryngology. <i>JAMA Otolaryngology</i> , 1999, 125, 729.	1.5	9
105	The Superior Olivary Nucleus and Its Influence on Nucleus Laminaris: A Source of Inhibitory Feedback for Coincidence Detection in the Avian Auditory Brainstem. <i>Journal of Neuroscience</i> , 1999, 19, 2313-2325.	1.7	134
106	Dynamic Studies of Ototoxicity in Mature Avian Auditory Epithelium. <i>Annals of the New York Academy of Sciences</i> , 1999, 884, 389-409.	1.8	59
107	Progenitor cell cycling during hair cell regeneration in the vestibular and auditory epithelia of the chick. <i>Journal of Neurocytology</i> , 1999, 28, 863-876.	1.6	56
108	Class III β -tubulin expression in sensory and nonsensory regions of the developing avian inner ear. <i>Journal of Comparative Neurology</i> , 1999, 406, 183-198.	0.9	50

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109	Ontogenetic expression of trk neurotrophin receptors in the chick auditory system. , 1999, 413, 271-288.		34
110	Glutamatergic and GABAergic agonists increase $[Ca^{2+}]_i$ in avian cochlear nucleus neurons. , 1998, 37, 321-337.		17
111	Activity-Dependent Regulation of $[Ca^{2+}]_i$ in Avian Cochlear Nucleus Neurons: Roles of Protein Kinases A and C and Relation to Cell Death. Journal of Neurophysiology, 1998, 79, 2288-2302.	0.9	82
112	Recent insights into regeneration of auditory and vestibular hair cells. Current Opinion in Neurology, 1998, 11, 17-24.	1.8	87
113	Reactive oxygen species in chick hair cells after gentamicin exposure in vitro. Hearing Research, 1997, 104, 1-14.	0.9	175
114	Mitochondrial Regulation of Calcium in the Avian Cochlear Nucleus. Journal of Neurophysiology, 1997, 78, 1928-1934.	0.9	13
115	Neurofilament proteins in avian auditory hair cells. Journal of Comparative Neurology, 1997, 379, 603-616.	0.9	8
116	Induction of cell proliferation in avian inner ear sensory epithelia by insulin-like growth factor-I and insulin. , 1997, 380, 262-274.		65
117	Development of Cat-301 immunoreactivity in auditory brainstem nuclei of the gerbil. , 1997, 380, 319-334.		32
118	Rapid regulation of cytoskeletal proteins and their mRNAs following afferent deprivation in the avian cochlear nucleus. Journal of Comparative Neurology, 1997, 389, 469-483.	0.9	22
119	Hair Cell Generation in Vestibular Sensory Receptor Epithelia. Annals of the New York Academy of Sciences, 1996, 781, 34-46.	1.8	14
120	Hair Cell Differentiation in Chick Cochlear Epithelium after Aminoglycoside Toxicity: <i>In Vivo</i> and <i>In Vitro</i> Observations. Journal of Neuroscience, 1996, 16, 6157-6174.	1.7	94
121	Influence of mitochondrial protein synthesis inhibition on deafferentation-induced ultrastructural changes in nucleus magnocellularis of developing chicks. , 1996, 371, 448-460.		20
122	Stimulating hair cell regeneration: On a wing and a prayer. Nature Medicine, 1996, 2, 1082-1083.	15.2	8
123	Afferent influences on brainstem auditory nuclei of the chicken: Regulation of transcriptional activity following cochlea removal. Journal of Comparative Neurology, 1995, 359, 412-423.	0.9	23
124	Activity-dependent regulation of a ribosomal RNA epitope in the chick cochlear nucleus. Brain Research, 1995, 672, 196-204.	1.1	34
125	A depolarizing inhibitory response to GABA in brainstem auditory neurons of the chick. Brain Research, 1995, 677, 117-126.	1.1	90
126	Second Place "Resident Basic Science Award 1995: Mitochondrial Role in Hair Cell Survival after Injury. Otolaryngology - Head and Neck Surgery, 1995, 113, 530-540.	1.1	35

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127	Mammalian vestibular hair cell regeneration. <i>Science</i> , 1995, 267, 701-707.	6.0	205
128	Protein Masking of a Ribosomal RNA Epitope Is an Early Event in Afferent Deprivation-Induced Neuronal Death. <i>Molecular and Cellular Neurosciences</i> , 1995, 6, 293-310.	1.0	28
129	Astrocyte proliferation in the chick auditory brainstem following cochlea removal. <i>Journal of Comparative Neurology</i> , 1994, 346, 276-288.	0.9	35
130	Effect of altered neuronal activity on cell size in the medial nucleus of the trapezoid body and ventral cochlear nucleus of the gerbil. <i>Journal of Comparative Neurology</i> , 1994, 348, 111-120.	0.9	83
131	Glutamate-stimulated phosphatidylinositol metabolism in the avian cochlear nucleus. <i>Neuroscience Letters</i> , 1994, 168, 163-166.	1.0	24
132	Morphological correlates of functional recovery in the chicken inner ear after gentamycin treatment. <i>Journal of Comparative Neurology</i> , 1993, 331, 75-96.	0.9	94
133	Hair cell regeneration after streptomycin toxicity in the avian vestibular epithelium. <i>Journal of Comparative Neurology</i> , 1993, 331, 97-110.	0.9	147
134	Altered malate dehydrogenase activity in nucleus magnocellularis of the chicken following cochlea removal. <i>Hearing Research</i> , 1993, 70, 151-159.	0.9	30
135	Hair cell regeneration in the European starling (<i>Sturnus vulgaris</i>): Recovery of pure-tone detection thresholds. <i>Hearing Research</i> , 1993, 71, 125-136.	0.9	89
136	Hair-cell regeneration in organ cultures of the postnatal chicken inner ear. <i>Hearing Research</i> , 1993, 70, 85-108.	0.9	69
137	Vulnerability and adaptation of distortion product otoacoustic emissions to endocochlear potential variation. <i>Journal of the Acoustical Society of America</i> , 1993, 94, 2108-2122.	0.5	128
138	Ultrastructure of hyaline, border, and vacuole cells in chick inner ear. <i>Journal of Comparative Neurology</i> , 1992, 318, 64-82.	0.9	50
139	Rapid growth of astrocytic processes in N. Magnocellularis following cochlea removal. <i>Journal of Comparative Neurology</i> , 1992, 318, 415-425.	0.9	43
140	Rapid changes in protein synthesis and cell size in the cochlear nucleus following eighth nerve activity blockade or cochlea ablation. <i>Journal of Comparative Neurology</i> , 1992, 320, 501-508.	0.9	126
141	Afferent influences on brainstem auditory nuclei of the chick: Nucleus magnocellularis neuronal activity following cochlea removal. <i>Brain Research</i> , 1991, 557, 37-47.	1.1	83
142	Cochlear nucleus cell size is regulated by auditory nerve electrical activity. <i>Otolaryngology - Head and Neck Surgery</i> , 1991, 104, 6-13.	1.1	39
143	Anatomical Correlates of Functional Recovery in the Avian Inner Ear Following Aminoglycoside Ototoxicity. <i>Laryngoscope</i> , 1991, 101, 1139-1149.	1.1	59
144	Lack of correspondence between mRNA expression for a putative cell death molecule (SGP-2) and neuronal cell death in the central nervous system. <i>Journal of Neurobiology</i> , 1991, 22, 590-604.	3.7	101

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145	Hair Cell Regeneration in the Avian Inner Ear. Novartis Foundation Symposium, 1991, 160, 77-102.	1.2	9
146	Physiologic Status of Regenerated Hair Cells in the Avian Inner Ear following Aminoglycoside Ototoxicity. Otolaryngology - Head and Neck Surgery, 1990, 103, 443-450.	1.1	142
147	Extracellular potassium influences DNA and protein syntheses and glial fibrillary acidic protein expression in cultured glial cells. Glia, 1990, 3, 368-374.	2.5	55
148	Effects of cochlea removal on GABAergic terminals in nucleus magnocellularis of the chicken. Journal of Comparative Neurology, 1990, 301, 643-654.	0.9	10
149	Afferent regulation of neurons in the brain stem auditory system. Journal of Neurobiology, 1990, 21, 169-196.	3.7	173
150	Ultrastructural observations on regenerating hair cells in the chick basilar papilla. Hearing Research, 1990, 48, 161-182.	0.9	100
151	Evidence for an alteration of the tonotopic map in the gerbil cochlea during development. Journal of Comparative Neurology, 1989, 279, 436-444.	0.9	98
152	Rapid changes in ultrastructure during deafferentation-induced dendritic atrophy. Journal of Comparative Neurology, 1989, 281, 234-258.	0.9	70
153	Changes in neuronal cell bodies in N. laminaris during deafferentation-induced dendritic atrophy. Journal of Comparative Neurology, 1989, 281, 259-268.	0.9	30
154	Effects of unilateral cochlea removal on anteroventral cochlear nucleus neurons in developing gerbils. Journal of Comparative Neurology, 1989, 283, 465-473.	0.9	217
155	Rapid changes in cochlear nucleus cell size following blockade of auditory nerve electrical activity in gerbils. Journal of Comparative Neurology, 1989, 283, 474-480.	0.9	136
156	Development of GABA immunoreactivity in brainstem auditory nuclei of the chick: Ontogeny of gradients in terminal staining. Journal of Comparative Neurology, 1989, 284, 504-518.	0.9	87
157	GABAergic neurons in brainstem auditory nuclei of the chick: Distribution, morphology, and connectivity. Journal of Comparative Neurology, 1989, 287, 470-483.	0.9	53
158	Glycine-immunoreactivity in the auditory brain stem of the chick. Hearing Research, 1989, 40, 167-172.	0.9	29
159	Possible precursors of regenerated hair cells in the avian cochlea following acoustic trauma. Hearing Research, 1989, 42, 175-194.	0.9	141
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