Thomas E Finger

List of Publications by Year
in descending order

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177 papers	10,918 citations	22153 59 h-index	36028 97 g-index
185 all docs	185 docs citations	185 times ranked	4836 citing authors

#	Article	IF	Citations
1	ATP Signaling Is Crucial for Communication from Taste Buds to Gustatory Nerves. Science, 2005, 310, 1495-1499.	12.6	682
2	Solitary chemoreceptor cells in the nasal cavity serve as sentinels of respiration. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8981-8986.	7.1	388
3	Nasal chemosensory cells use bitter taste signaling to detect irritants and bacterial signals. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3210-3215.	7.1	349
4	Substantia nigra transplants into denervated striatum of the rat: Ultrastructure of graft and host interconnections. Journal of Comparative Neurology, 1985, 240, 60-70.	1.6	301
5	Nucleoside triphosphate diphosphohydrolase-2 is the ecto-ATPase of type I cells in taste buds. Journal of Comparative Neurology, 2006, 497, 1-12.	1.6	245
6	Correlation between Olfactory Receptor Cell Type and Function in the Channel Catfish. Journal of Neuroscience, 2003, 23, 9328-9339.	3.6	236
7	â€œType IIIâ€•cells of rat taste buds: Immunohistochemical and ultrastructural studies of neuronâ€specific enolase, protein gene product 9.5, and serotonin. Journal of Comparative Neurology, 2001, 440, 97-108.	1.6	234
8	Expression of taste receptors in Solitary Chemosensory Cells of rodent airways. BMC Pulmonary Medicine, 2011, 11, 3.	2.0	198
9	Epithelial Na+ channel subunits in rat taste cells: Localization and regulation by aldosterone. Journal of Comparative Neurology, 1999, 405, 406-420.	1.6	180
10	Trigeminal collaterals in the nasal epithelium and olfactory bulb: A potential route for direct modulation of olfactory information by trigeminal stimuli. Journal of Comparative Neurology, 2002, 444, 221-226.	1.6	177
11	Taste receptor cells arise from local epithelium, not neurogenic ectoderm.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1916-1920.	7.1	176
12	Differential distribution of olfactory receptor neurons in goldfish: Structural and molecular correlates. Journal of Comparative Neurology, 2004, 477, 347-359.	1.6	175
13	The Candidate Sour Taste Receptor, PKD2L1, Is Expressed by Type III Taste Cells in the Mouse. Chemical Senses, 2008, 33, 243-254.	2.0	174
14	Cholinergic neurotransmission links solitary chemosensory cells to nasal inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6075-6080.	7.1	170
15	Central connections of the posterior lateral line lobe in mormyrid fish. Experimental Brain Research, 1981, 42, 9-22.	1.5	147
16	The distribution of the olfactory tracts in the bullhead catfish, Ictalurus nebulosus. Journal of Comparative Neurology, 1975, 161, 125-141.	1.6	141
17	TRPM5-Expressing Solitary Chemosensory Cells Respond to Odorous Irritants. Journal of Neurophysiology, 2008, 99, 1451-1460.	1.8	129
18	Phyletic Distribution of Crypt-Type Olfactory Receptor Neurons in Fishes. Brain, Behavior and Evolution, 2000, 55, 100-110.	1.7	123

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19	Disruption of sonic hedgehog signaling alters growth and patterning of lingual taste papillae. Developmental Biology, 2003, 255, 263-277.	2.0	122
20	Ultrastructure of substance P- and CGRP-immunoreactive nerve fibers in the nasal epithelium of rodents. Journal of Comparative Neurology, 1990, 294, 293-305.	1.6	121
21	Nasal Solitary Chemoreceptor Cell Responses to Bitter and Trigeminal Stimulants In Vitro. Journal of Neurophysiology, 2008, 99, 2929-2937.	1.8	114
22	Central organization of eighth nerve and mechanosensory lateral line systems in the brainstem of ictalurid catfish. Journal of Comparative Neurology, 1984, 229, 129-151.	1.6	113
23	Nonolfactory Sensory Pathway to the Telencephalon in a Teleost Fish. Science, 1980, 210, 671-673.	12.6	107
24	Topographic and laminar organization of the vagal gustatory system in the goldfish,carassius auratus. Journal of Comparative Neurology, 1985, 238, 187-201.	1.6	107
25	Expression ofSonic hedgehog,Patched, andGli1 in developing taste papillae of the mouse. , 1999, 406, 143-155.		106
26	Gustatory pathways in the bullhead catfish. II. Facial lobe connections. Journal of Comparative Neurology, 1978, 180, 691-705.	1.6	103
27	Evolution of Taste and Solitary Chemoreceptor Cell Systems. Brain, Behavior and Evolution, 1997, 50, 234-243.	1.7	103
28	Variability of position of the P2 glomerulus within a map of the mouse olfactory bulb. Journal of Comparative Neurology, 2001, 436, 351-362.	1.6	103
29	Efferent neurons of the teleost cerebellum. Brain Research, 1978, 153, 608-614.	2.2	101
30	Taste isn't just for taste buds anymore. F1000 Biology Reports, 2011, 3, 20.	4.0	100
31	Gustatory pathways in the bullhead catfish. I. Connections of the anterior ganglion. Journal of Comparative Neurology, 1976, 165, 513-526.	1.6	97
32	The accessory optic system in teleosts. Brain Research, 1978, 153, 144-149.	2.2	97
33	Changed distribution of sodium channels along demyelinated axons.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 6777-6780.	7.1	97
34	Mormyromast electroreceptor organs and their afferent fibers in mormyrid fish: I. Morphology. Journal of Comparative Neurology, 1989, 286, 391-407.	1.6	93
35	A direct thalamo-cerebellar pathway in pigeon and catfish. Brain Research, 1976, 102, 335-338.	2.2	90
36	Role of the ectonucleotidase NTPDase2 in taste bud function. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14789-14794.	7.1	90

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37	Cerebellar afferents in teleost catfish (Ictaluridae). Journal of Comparative Neurology, 1978, 181, 173-181.	1.6	89
38	Differential distribution of hypocretin (orexin) and melaninâ€concentrating hormone in the goldfish brain. Journal of Comparative Neurology, 2005, 488, 476-491.	1.6	89
39	Immunolocalization of different forms of neural cell adhesion molecule (NCAM) in rat taste buds. Journal of Comparative Neurology, 1993, 336, 507-516.	1.6	88
40	Analysis of Cell Lineage Relationships in Taste Buds. Journal of Neuroscience, 2002, 22, 4522-4529.	3.6	85
41	Peptide immunohistochemistry demonstrates multiple classes of perigemmal nerve fibers in the circumvallate papilla of the rat. Chemical Senses, 1986, 11, 135-144.	2.0	84
42	Input to the medullary pacemaker nucleus in the weakly electric fish, Eigenmannia (sternopygidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	82
43	Reflex connections of the facial and vagal gustatory systems in the brainstem of the bullhead catfish, Ictalurus nebulosus. Journal of Comparative Neurology, 1985, 231, 547-558.	1.6	82
44	Brainâ€derived neurotrophic factor is present in adult mouse taste cells with synapses. Journal of Comparative Neurology, 2003, 459, 15-24.	1.6	82
45	Enkephalin immunoreactivity in Golgi cells and mossy fibres of mammalian, avian, amphibian and teleost cerebellum. Neuroscience, 1981, 6, 2407-2416.	2.3	78
46	Electrophysiological examination of a non-olfactory, non-gustatory chemosense in the searobin,Prionotus carolinus. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1984, 154, 167-174.	1.6	78
47	Differential projections of ciliated and microvillous olfactory receptor cells in the catfish,Ictalurus punctatus. , 1998, 398, 539-550.		78
48	Morphology and physiology of the polyaxonal amacrine cells in the rabbit retina. Journal of Comparative Neurology, 2001, 440, 109-125.	1.6	76
49	Beyond the olfactory bulb: An odotopic map in the forebrain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18688-18693.	7.1	76
50	Cell Types and Lineages in Taste Buds. Chemical Senses, 2005, 30, i54-i55.	2.0	76
51	Expression of Galpha14 in sweet-transducing taste cells of the posterior tongue. BMC Neuroscience, 2008, 9, 110.	1.9	74
52	Postsynaptic P2X3â€containing receptors in gustatory nerve fibres mediate responses to all taste qualities in mice. Journal of Physiology, 2015, 593, 1113-1125.	2.9	74
53	A taste for ATP: neurotransmission in taste buds. Frontiers in Cellular Neuroscience, 2013, 7, 264.	3.7	73
54	Asymmetry of the olfactory system in the brain of the winter flounder, Pseudopleuronectes americanus. Journal of Comparative Neurology, 1984, 225, 492-510.	1.6	71

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55	Gustatory control of feeding behavior in goldfish. Physiology and Behavior, 1995, 57, 483-488.	2.1	71
56	Chemical synapses without synaptic vesicles: Purinergic neurotransmission through a CALHM1 channel-mitochondrial signaling complex. Science Signaling, 2018, 11, .	3.6	69
57	Electrosensory pathways to the valvula cerebelli in mormyrid fish. Experimental Brain Research, 1981, 42, 23-33.	1.5	67
58	Topographic representation of the sensory and motor roots of the vagus nerve in the medulla of goldfish, Carassius auratus. Journal of Comparative Neurology, 1987, 264, 231-249.	1.6	67
59	Thalamic center for the lateral line system in the catfishIctalurus nebulosus: Evoked potential evidence. Journal of Neurobiology, 1982, 13, 39-47.	3.6	67
60	Sorting food from stones: the vagal taste system in Goldfish, Carassius auratus. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2008, 194, 135-143.	1.6	66
61	Human fetal mesencephalic tissue grafted to dopamine-denervated striatum of athymic rats: light- and electron-microscopical histochemistry and in vivo chronoamperometric studies. Journal of Neuroscience, 1989, 9, 614-624.	3.6	64
62	Forebrain connections of the gustatory system in ictalurid catfishes. Journal of Comparative Neurology, 1988, 278, 353-376.	1.6	63
63	Is TrpM5 a reliable marker for chemosensory cells? Multiple types of microvillous cells in the main olfactory epithelium of mice. BMC Neuroscience, 2008, 9, 115.	1.9	63
64	Chemosensors in the Nose: Guardians of the Airways. Physiology, 2013, 28, 51-60.	3.1	61
65	Chemosensory Brush Cells of the Trachea. A Stable Population in a Dynamic Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 190-196.	2.9	57
66	Two gustatory systems: facial and vagal gustatory nuclei have different brainstem connections. Science, 1985, 227, 776-778.	12.6	56
67	Recent advances in taste transduction and signaling. F1000Research, 2019, 8, 2117.	1.6	56
68	Synodontid Catfish: A New Group of Weakly Electric Fish. Brain, Behavior and Evolution, 1990, 35, 268-277.	1.7	55
69	The Role of 5-HT₃Receptors in Signaling from Taste Buds to Nerves. Journal of Neuroscience, 2015, 35, 15984-15995.	3.6	55
70	Peripheral peptidergic fibers of the trigeminal nerve in the olfactory bulb of the rat. Journal of Comparative Neurology, 1993, 334, 117-124.	1.6	54
71	The Anatomical and Electrophysiological Basis of Peripheral Nasal Trigeminal Chemoreception. Annals of the New York Academy of Sciences, 2009, 1170, 202-205.	3.8	54
72	SOMATOTOPY IN THE REPRESENTATION OF THE PECTORAL FIN AND FREE FIN RAYS IN THE SPINAL CORD OF THE SEA ROBIN,PRIONOTUS CAROLINUS. Biological Bulletin, 1982, 163, 154-161.	1.8	53

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73	Knocking Out P2X Receptors Reduces Transmitter Secretion in Taste Buds. Journal of Neuroscience, 2011, 31, 13654-13661.	3.6	52
74	Central organization of the electrosensory lateral line system in bullhead catfishIctalurus nebulosus. Journal of Comparative Neurology, 1983, 217, 1-16.	1.6	51
75	Ascending general visceral pathways within the brainstems of two teleost fishes: Ictalurus punctatus and Carassius auratus. Journal of Comparative Neurology, 1992, 320, 509-520.	1.6	51
76	Central projections of the frontal organ of Rana pipiens, as demonstrated by the anterograde transport of horseradish peroxidase. Cell and Tissue Research, 1980, 211, 215-22.	2.9	49
77	Area postrema of the goldfish,Carassius auratus: Ultrastructure, fiber connections, and immunocytochemistry. Journal of Comparative Neurology, 1987, 256, 104-116.	1.6	49
78	Sensorimotor Mapping and Oropharyngeal Reflexes in Goldfish, <i>Carassius auratus</i>. Brain, Behavior and Evolution, 1988, 31, 17-24.	1.7	49
79	Threeâ€dimensional reconstructions of mouse circumvallate taste buds using serial blockface scanning electron microscopy: I. Cell types and the apical region of the taste bud. Journal of Comparative Neurology, 2020, 528, 756-771.	1.6	49
80	Sonic Hedgehog from both nerves and epithelium is a key trophic factor for taste bud maintenance. Development (Cambridge), 2017, 144, 3054-3065.	2.5	48
81	Variability of position of the P2 glomerulus within a map of the mouse olfactory bulb. Journal of Comparative Neurology, 2001, 436, 351-62.	1.6	47
82	The effects of neonatal capsaicin administration on trigeminal nerve chemoreceptors in the rat nasal cavity. Brain Research, 1991, 561, 212-216.	2.2	46
83	A transgenic mouse model reveals fast nicotinic transmission in hippocampal pyramidal neurons. European Journal of Neuroscience, 2011, 33, 1786-1798.	2.6	45
84	Expression of T1Rs and Gustducin in Palatal Taste Buds of Mice. Chemical Senses, 2007, 32, 255-262.	2.0	44
85	Double P2X2/P2X3 Purinergic Receptor Knockout Mice Do Not Taste NaCl or the Artificial Sweetener SC45647. Chemical Senses, 2009, 34, 789-797.	2.0	44
86	Ascending spinal systems in the fish,Prionotus carolinus. , 2000, 422, 106-122.		43
87	Spinal and facial innervation of the skin in the gadid fishCiliata mustela (Teleostei). Journal of Comparative Neurology, 1993, 331, 407-417.	1.6	40
88	Mature olfactory receptor neurons express connexin 43. Journal of Comparative Neurology, 2000, 426, 1-12.	1.6	40
89	Residual Chemoresponsiveness to Acids in the Superior Laryngeal Nerve in "Taste-Blind" (P2X2/P2X3) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	39
90	Synapsin I-like immunoreactivity in nerve fibers associated with lingual taste buds of the rat. Journal of Comparative Neurology, 1990, 292, 283-290.	1.6	38

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91	Differential localization of putative amino acid receptors in taste buds of the channel catfish,Ictalurus punctatus. , 1996, 373, 129-138.		38
92	Secondâ€order input to the medial amygdala from olfactory sensory neurons expressing the transduction channel TRPM5. Journal of Comparative Neurology, 2012, 520, 1819-1830.	1.6	38
93	Disorganized olfactory bulb lamination in mice deficient for transcription factor AP-2É›. Molecular and Cellular Neurosciences, 2009, 42, 161-171.	2.2	37
94	Functional organization of vagal reflex systems in the brain stem of the goldfish,Carassius auratus. Journal of Comparative Neurology, 1992, 319, 463-478.	1.6	36
95	Effects of glossopharyngeal nerve section on the expression of neurotrophins and their receptors in lingual taste buds of adult mice. Journal of Comparative Neurology, 2005, 490, 371-390.	1.6	36
96	Postlarval growth of the peripheral gustatory system in the channel catfish,Ictalurus punctatus. Journal of Comparative Neurology, 1991, 314, 55-66.	1.6	35
97	Differential distribution of the synapsins in the rat olfactory bulb. Journal of Neuroscience, 1994, 14, 301-309.	3.6	35
98	Solitary chemoreceptor cell survival is independent of intact trigeminal innervation. Journal of Comparative Neurology, 2008, 508, 62-71.	1.6	35
99	Central Representation of Postingestive Chemosensory Cues in Mice That Lack the Ability to Taste. Journal of Neuroscience, 2011, 31, 9101-9110.	3.6	35
100	Retrograde HRP labelling of the oculomotoneurons in adult lampreys. Brain Research, 1978, 154, 123-127.	2.2	34
101	Glutamic acid decarboxylase 65, 67, and GABA-transaminase mRNA expression and total enzyme activity in the goldfish (Carassius auratus) brain. Brain Research, 2007, 1147, 154-166.	2.2	33
102	Enkephalin-like immunoreactivity in the gustatory lobes and visceral nuclei in the brains of goldfish and catfish. Neuroscience, 1981, 6, 2747-2758.	2.3	30
103	Transcellular labeling of taste bud cells by carbocyanine dye (dil) applied to peripheral nerves in the barbels of the catfish,Ictalurus punctatus. Journal of Comparative Neurology, 1990, 302, 884-892.	1.6	30
104	Organization of Chemosensory Systems Within the Brains of Bony Fishes. , 1988, , 339-363.		30
105	Intracerebral xenografts of human mesencephalic tissue into athymic rats: immunochemical and in vivo electrochemical studies.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 8331-8334.	7.1	29
106	Central representation and projections of gustatory systems. , 1992, , 79-102.		29
107	Evolutionary origins of taste buds: phylogenetic analysis of purinergic neurotransmission in epithelial chemosensors. Open Biology, 2013, 3, 130015.	3.6	28
108	Peptidergic regulation of secretory activity in amphibian olfactory mucosa: Immunohistochemistry, neural stimulation, and pharmacology. Cell and Tissue Research, 1989, 256, 381-9.	2.9	27

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109	Organization of motoneuronal pools in the rostral spinal cord of the sea robin,Prionotus carolinus. Journal of Comparative Neurology, 1985, 239, 384-390.	1.6	26
110	Immunohistochemical Localization of GRF-Containing Neurons in Rat Brain. Neuroendocrinology, 1986, 42, 143-147.	2.5	26
111	Immunohistochemical localization of enkephalin and ACTH-related substances in the pituitary of the lamprey. Cell and Tissue Research, 1984, 235, 107-15.	2.9	25
112	Secondary connections of the dorsal and ventral facial lobes in a teleost fish, the rockling (Ciliata) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		25
113	Residual Chemosensory Capabilities in Double P2X2/P2X3 Purinergic Receptor Null Mice: Intraoral or Postingestive Detection?. Chemical Senses, 2009, 34, 799-808.	2.0	25
114	Maintenance of Rat Taste Buds in Primary Culture. Chemical Senses, 2001, 26, 861-873.	2.0	24
115	Co-occurrence of calcium-binding proteins and calcium-permeable glutamate receptors in the primary gustatory nucleus of goldfish. Journal of Comparative Neurology, 2006, 499, 90-105.	1.6	24
116	Evolution of gustatory reflex systems in the brainstems of fishes. Integrative Zoology, 2009, 4, 53-63.	2.6	24
117	A2BR Adenosine Receptor Modulates Sweet Taste in Circumvallate Taste Buds. PLoS ONE, 2012, 7, e30032.	2.5	24
118	NMDA and non-NMDA Receptors Mediate Responses in the Primary Gustatory Nucleus in Goldfish. Chemical Senses, 1998, 24, 37-46.	2.0	23
119	Solitary chemoreceptor cell proliferation in adult nasal epithelium. Journal of Neurocytology, 2005, 34, 117-122.	1.5	23
120	Spinal and medullary dorsal cell axons in the trigeminal nerve in lampreys. Brain Research, 1982, 240, 331-333.	2.2	22
121	Type III Cells in Anterior Taste Fields Are More Immunohistochemically Diverse Than Those of Posterior Taste Fields in Mice. Chemical Senses, 2017, 42, 759-767.	2.0	22
122	Cellular diversity and regeneration in taste buds. Current Opinion in Physiology, 2021, 20, 146-153.	1.8	22
123	GABAergic innervation of the Mauthner cell and other reticulospinal neurons in the goldfish. Journal of Comparative Neurology, 1993, 338, 601-611.	1.6	21
124	Na_V1.5 sodium channel window currents contribute to spontaneous firing in olfactory sensory neurons. Journal of Neurophysiology, 2014, 112, 1091-1104.	1.8	21
125	5â€HT_{3A}â€driven green fluorescent protein delineates gustatory fibers innervating sourâ€responsive taste cells: A labeled line for sour taste?. Journal of Comparative Neurology, 2017, 525, 2358-2375.	1.6	20
126	Neuromelanin: a source of possible error in HRP material. Brain Research, 1975, 98, 183-188.	2.2	19

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127	Parallel Medullary Gustatospinal Pathways In a Catfish: Possible Neural Substrates for Taste-Mediated Food Search. Journal of Neuroscience, 1997, 17, 4873-4885.	3.6	19
128	Distribution of cholecystokinin, calcitonin gene-related peptide, neuropeptide Y, and galanin in the primary gustatory nuclei of the goldfish. Journal of Comparative Neurology, 2002, 450, 103-114.	1.6	17
129	Neurotrophin-3 is expressed in a discrete subset of olfactory receptor neurons in the mouse. Journal of Comparative Neurology, 2003, 463, 221-235.	1.6	17
130	Taste Bud Connectome: Implications for Taste Information Processing. Journal of Neuroscience, 2022, 42, 804-816.	3.6	17
131	Vagotomy induced changes in acetyl cholinesterase staining and substance P-like immunoreactivity in the gustatory lobes of goldfish. Anatomy and Embryology, 1984, 170, 257-264.	1.5	16
132	Axonal projection patterns of neurons in the secondary gustatory nucleus of channel catfish. Journal of Comparative Neurology, 1996, 365, 585-593.	1.6	15
133	GABAergic modulation of primary gustatory afferent synaptic efficacy. Journal of Neurobiology, 2002, 52, 133-143.	3.6	15
134	Olfactory Receptor Neurons in Fish: Structural, Molecular and Functional Correlates. Chemical Senses, 2005, 30, i311-i311.	2.0	15
135	Vagal gustatory reflex circuits for intraoral food sorting behavior in the goldfish: Cellular organization and neurotransmitters. Journal of Comparative Neurology, 2009, 516, 213-225.	1.6	15
136	Immunocytochemical organization and sour taste activation in the rostral nucleus of the solitary tract of mice. Journal of Comparative Neurology, 2017, 525, 271-290.	1.6	15
137	Chemical receptors of the arytenoid: A comparison of human and mouse. Laryngoscope, 2020, 130, 423-430.	2.0	15
138	Sugar causes obesity and metabolic syndrome in mice independently of sweet taste. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E276-E290.	3.5	15
139	Distribution of trigeminal fibers in the primary facial gustatory center of channel catfish, Ictalurus punctatus. Brain Research, 1999, 841, 93-100.	2.2	14
140	Visceral afferent and efferent columns in the spinal cord of the teleost,Ictalurus punctatus. , 1996, 371, 437-447.		13
141	Immunohistochemical Analysis of Human Vallate Taste Buds. Chemical Senses, 2015, 40, 655-660.	2.0	13
142	Reactive microglia after taste nerve injury: comparison to nerve injury models of chronic pain. F1000Research, 2013, 2, 65.	1.6	13
143	Excitatory Amino Acid Neurotransmission in the Primary Gustatory Nucleus of the Goldfish Carassius auratus. Annals of the New York Academy of Sciences, 1998, 855, 442-449.	3.8	12
144	Accessibility of colloidal gold and horseradish peroxidase to cytosolic spaces in Limulus ventral photoreceptors. Visual Neuroscience, 1989, 2, 89-96.	1.0	10

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145	Human ventral mesencephalic xenografts to the catecholamine-depleted striata of athymic rats: Ultrastructure and immunocytochemistry. Synapse, 1989, 4, 19-29.	1.2	10
146	Abnormal expression of tyrosine hydroxylase-like immunoreactivity in intraocular transplants of rat caudate nucleus. Neuroscience Letters, 1989, 96, 253-258.	2.1	10
147	GAP-43 and 5B4-CAM immunoreactivity during the development of transplanted fetal mesencephalic neurons. Experimental Neurology, 1991, 114, 1-10.	4.1	10
148	Evoked responses from an in vitro slice preparation of a primary gustatory nucleus: the vagal lobe of goldfish. Brain Research, 1992, 580, 27-34.	2.2	10
149	Whatâ€™s so Special about Special Visceral?. Cells Tissues Organs, 1993, 148, 132-138.	2.3	10
150	Expression of GAP43 mRNA in normally developing and transplanted neurons from the rat ventral mesencephalon. Journal of Comparative Neurology, 1994, 347, 470-480.	1.6	10
151	Mosaic analysis of the embryonic origin of taste buds. Chemical Senses, 1994, 19, 725-735.	2.0	10
152	Kainate-activated cobalt uptake in the primary gustatory nucleus in goldfish: Visualization of the morphology and distribution of cells expressing AMPA/kainate receptors in the vagal lobe. Journal of Comparative Neurology, 2001, 431, 59-74.	1.6	10
153	5HTR3Aâ€driven GFP labels immature olfactory sensory neurons. Journal of Comparative Neurology, 2017, 525, 1743-1755.	1.6	10
154	Behavioral evolution contributes to hindbrain diversification among Lake Malawi cichlid fish. Scientific Reports, 2019, 9, 19994.	3.3	10
155	An asymmetric optomotor response in developing flounder larvae (Pseudopleuronectes americanus). Vision Research, 1976, 16, 941-943.	1.4	8
156	Accuracy of regeneration of vagal parasympathetic axons. Journal of Comparative Neurology, 1983, 221, 145-153.	1.6	8
157	Calciumâ€fluxing glutamate receptors associated with primary gustatory afferent terminals in goldfish (Carassius auratus). Journal of Comparative Neurology, 2008, 506, 694-707.	1.6	8
158	Expression of the dopaminergic phenotype in the olfactory bulb: Neither calcitonin gene-related peptide nor olfactory input is necessary. Neuroscience Letters, 1992, 143, 15-18.	2.1	7
159	The Arginine Taste Receptor: Physiology, Biochemistry, and Immunohistochemistrya. Annals of the New York Academy of Sciences, 1998, 855, 134-142.	3.8	7
160	The ultrastructure of enkephalin-immunoreactive neurons in the interpeduncular nucleus of the rat. Journal of Comparative Neurology, 1986, 244, 360-368.	1.6	6
161	Group III Metabotropic Glutamate Receptors (mGluRs) Modulate Transmission of Gustatory Inputs in the Brain Stem. Journal of Neurophysiology, 2009, 102, 192-202.	1.8	6
162	Differential localization of NTâ€3 and TrpM5 in glomeruli of the olfactory bulb of mice. Journal of Comparative Neurology, 2014, 522, 1929-1940.	1.6	6

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163	Feeding patterns and brain evolution in ostariophysean fishes. Acta Physiologica Scandinavica Supplementum, 1997, 638, 59-66.	1.0	5
164	Immunoreactivity to Neuronal Growth-Dependent Membrane Glycoprotein Occurs in a Subset of Taste Receptor Cells in Rat Taste Buds. Annals of the New York Academy of Sciences, 1987, 510, 284-286.	3.8	4
165	A Subset of Olfactory Sensory Neurons Express Forkhead Box J1-Driven eGFP. Chemical Senses, 2019, 44, 663-671.	2.0	4
166	Purinergic neurotransmission in the gustatory system. Autonomic Neuroscience: Basic and Clinical, 2021, 236, 102874.	2.8	4
167	On the Advantage of Using Semiultrathin(0.2 Î¼m)Plastic Sections for Electron Microscopic Neuropathology. Neuropathology, 1993, 13, 39-50.	1.2	3
168	Genetic Deletion of TrpV1 and TrpA1 Does Not Alter Avoidance of or Patterns of Brainstem Activation to Citric Acid in Mice. Chemical Senses, 2020, 45, 573-579.	2.0	3
169	Preface. Annals of the New York Academy of Sciences, 2009, 1170, 1-4.	3.8	2
170	Variability of position of the P2 glomerulus within a map of the mouse olfactory bulb. Journal of Comparative Neurology, 2001, 436, 351-362.	1.6	2
171	Sorting Food from Mud: Vagal Gustatory System of Goldfish (Carassius auratus). , 1994, , 739-742.		2
172	Is parcellation parsimonious?. Behavioral and Brain Sciences, 1984, 7, 339-339.	0.7	1
173	Monoclonal Antibodies Directed against Catfish Taste Receptors.. Annals of the New York Academy of Sciences, 1987, 510, 732-734.	3.8	1
174	Taste without calories is insufficient to drive conditioned flavor preferences. FASEB Journal, 2013, 27, 1123.9.	0.5	1
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