

Kensaku Mori

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1366959/publications.pdf>

Version: 2024-02-01

205
papers

15,421
citations

22153

59
h-index

18647

119
g-index

230
all docs

230
docs citations

230
times ranked

10800
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of continuous neurogenesis in the structural and functional integrity of the adult forebrain. <i>Nature Neuroscience</i> , 2008, 11, 1153-1161.	14.8	921
2	The Olfactory Bulb: Coding and Processing of Odor Molecule Information. <i>Science</i> , 1999, 286, 711-715.	12.6	821
3	Functional expression and tissue distribution of a novel receptor for vasoactive intestinal polypeptide. <i>Neuron</i> , 1992, 8, 811-819.	8.1	738
4	Structure and expression of a human oxytocin receptor. <i>Nature</i> , 1992, 356, 526-529.	27.8	613
5	Essential Roles of Notch Signaling in Maintenance of Neural Stem Cells in Developing and Adult Brains. <i>Journal of Neuroscience</i> , 2010, 30, 3489-3498.	3.6	607
6	Innate versus learned odour processing in the mouse olfactory bulb. <i>Nature</i> , 2007, 450, 503-508.	27.8	596
7	Odor maps in the mammalian olfactory bulb: domain organization and odorant structural features. <i>Nature Neuroscience</i> , 2000, 3, 1035-1043.	14.8	455
8	Visualization of neurogenesis in the central nervous system using nestin promoter-GFP transgenic mice. <i>NeuroReport</i> , 2000, 11, 1991-1996.	1.2	358
9	Maps of Odorant Molecular Features in the Mammalian Olfactory Bulb. <i>Physiological Reviews</i> , 2006, 86, 409-433.	28.8	345
10	How Is the Olfactory Map Formed and Interpreted in the Mammalian Brain?. <i>Annual Review of Neuroscience</i> , 2011, 34, 467-499.	10.7	328
11	Parallel Mitral and Tufted Cell Pathways Route Distinct Odor Information to Different Targets in the Olfactory Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 7970-7985.	3.6	315
12	Membrane and synaptic properties of identified neurons in the olfactory bulb. <i>Progress in Neurobiology</i> , 1987, 29, 275-320.	5.7	307
13	OCAM: A New Member of the Neural Cell Adhesion Molecule Family Related to Zone-to-Zone Projection of Olfactory and Vomeronasal Axons. <i>Journal of Neuroscience</i> , 1997, 17, 5830-5842.	3.6	298
14	A columnar arrangement of dendritic processes of entorhinal cortex neurons revealed by a monoclonal antibody. <i>Brain Research</i> , 1989, 505, 176-179.	2.2	285
15	Distribution of dendrites of mitral, displaced mitral, tufted, and granule cells in the rabbit olfactory bulb. <i>Journal of Comparative Neurology</i> , 1983, 219, 339-355.	1.6	255
16	Molecular cloning and tissue distribution of a receptor for pituitary adenylate cyclase-activating polypeptide. <i>Neuron</i> , 1993, 11, 333-342.	8.1	254
17	Critical period for sensory experience-dependent survival of newly generated granule cells in the adult mouse olfactory bulb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9697-9702.	7.1	248
18	Molecular recognition and olfactory processing in the mammalian olfactory system. <i>Progress in Neurobiology</i> , 1995, 45, 585-619.	5.7	236

#	ARTICLE	IF	CITATIONS
19	Synchronized Oscillatory Discharges of Mitral/Tufted Cells With Different Molecular Receptive Ranges in the Rabbit Olfactory Bulb. <i>Journal of Neurophysiology</i> , 1999, 82, 1786-1792.	1.8	233
20	Brn-1 and Brn-2 share crucial roles in the production and positioning of mouse neocortical neurons. <i>Genes and Development</i> , 2002, 16, 1760-1765.	5.9	223
21	A metric for odorant comparison. <i>Nature Methods</i> , 2008, 5, 425-429.	19.0	212
22	Distribution of the mRNA for a pituitary adenylate cyclase-activating polypeptide receptor in the rat brain: An in situ hybridization study. <i>Journal of Comparative Neurology</i> , 1996, 371, 567-577.	1.6	202
23	Generation of Dopaminergic Neurons in the Adult Brain from Mesencephalic Precursor Cells Labeled with a <i>nestin-GFP</i> Transgene. <i>Journal of Neuroscience</i> , 2001, 21, 3895-3903.	3.6	188
24	Mitral and Tufted Cells Differ in the Decoding Manner of Odor Maps in the Rat Olfactory Bulb. <i>Journal of Neurophysiology</i> , 2004, 91, 2532-2540.	1.8	187
25	State-Dependent Sensory Gating in Olfactory Cortex. <i>Neuron</i> , 2005, 46, 285-296.	8.1	178
26	Continuous neurogenesis in the adult forebrain is required for innate olfactory responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8479-8484.	7.1	172
27	Overlapping and differential expression of <i>BIG2</i> , <i>BIG1</i> , <i>TAG1</i> , and <i>F3</i> : Four members of an axon-associated cell adhesion molecule subgroup of the immunoglobulin superfamily. <i>Journal of Neurobiology</i> , 1995, 28, 51-69.	3.6	159
28	A Genetic Approach to Visualization of Multisynaptic Neural Pathways Using Plant Lectin Transgene. <i>Neuron</i> , 1999, 22, 33-41.	8.1	158
29	Differential Axonal Projection of Mitral and Tufted Cells in the Mouse Main Olfactory System. <i>Frontiers in Neural Circuits</i> , 2010, 4, .	2.8	147
30	Immunohistochemical study of subclasses of olfactory nerve fibers and their projections to the olfactory bulb in the rabbit. <i>Journal of Comparative Neurology</i> , 1985, 242, 214-229.	1.6	141
31	The claustrum coordinates cortical slow-wave activity. <i>Nature Neuroscience</i> , 2020, 23, 741-753.	14.8	125
32	Functional Characterization of a Mammalian <i>Sac1</i> and Mutants Exhibiting Substrate-specific Defects in Phosphoinositide Phosphatase Activity. <i>Journal of Biological Chemistry</i> , 2000, 275, 34293-34305.	3.4	123
33	Topographic Representation of Odorant Molecular Features in the Rat Olfactory Bulb. <i>Journal of Neurophysiology</i> , 2004, 92, 2413-2427.	1.8	123
34	The trajectory of mitral cell axons in the rabbit olfactory cortex revealed by intracellular HRP injection. <i>Journal of Comparative Neurology</i> , 1984, 230, 77-87.	1.6	122
35	Convergence of segregated pheromonal pathways from the accessory olfactory bulb to the cortex in the mouse. <i>European Journal of Neuroscience</i> , 2000, 12, 33-46.	2.6	122
36	An ICAM-related neuronal glycoprotein, telencephalin, with brain segment-specific expression. <i>Neuron</i> , 1994, 12, 541-553.	8.1	117

#	ARTICLE	IF	CITATIONS
37	Emerging principles of molecular signal processing by mitral/tufted cells in the olfactory bulb. <i>Seminars in Cell Biology</i> , 1994, 5, 65-74.	3.4	107
38	Distorted Odor Maps in the Olfactory Bulb of Semaphorin 3A-Deficient Mice. <i>Journal of Neuroscience</i> , 2003, 23, 1390-1397.	3.6	107
39	Subclasses of olfactory receptor cells and their segregated central projections demonstrated by a monoclonal antibody. <i>Brain Research</i> , 1985, 326, 192-196.	2.2	102
40	Continuous Postnatal Neurogenesis Contributes to Formation of the Olfactory Bulb Neural Circuits and Flexible Olfactory Associative Learning. <i>Journal of Neuroscience</i> , 2014, 34, 5788-5799.	3.6	101
41	BIG-1: A new TAG-1/F3-related member of the immunoglobulin superfamily with neurite outgrowth-promoting activity. <i>Neuron</i> , 1994, 13, 415-426.	8.1	96
42	Neurons in the anterior olfactory nucleus pars externa detect right or left localization of odor sources. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12363-12368.	7.1	96
43	Zonal organization of the mammalian main and accessory olfactory systems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 1801-1812.	4.0	84
44	Immunochemical identification of subgroups of vomeronasal nerve fibers and their segregated terminations in the accessory olfactory bulb. <i>Brain Research</i> , 1985, 328, 362-366.	2.2	82
45	Two mirror-image sensory maps with domain organization in the mouse main olfactory bulb. <i>NeuroReport</i> , 2000, 11, 3023-3027.	1.2	81
46	Centrifugal influence on olfactory bulb activity in the rabbit. <i>Brain Research</i> , 1978, 154, 301-316.	2.2	79
47	Odorant Category Profile Selectivity of Olfactory Cortex Neurons. <i>Journal of Neuroscience</i> , 2007, 27, 9105-9114.	3.6	78
48	Telencephalin Slows Spine Maturation. <i>Journal of Neuroscience</i> , 2006, 26, 1776-1786.	3.6	75
49	Interaction between Telencephalin and ERM Family Proteins Mediates Dendritic Filopodia Formation. <i>Journal of Neuroscience</i> , 2007, 27, 8866-8876.	3.6	75
50	Sniff rhythm-paced fast and slow gamma-oscillations in the olfactory bulb: relation to tufted and mitral cells and behavioral states. <i>Journal of Neurophysiology</i> , 2013, 110, 1593-1599.	1.8	75
51	Distribution of local axon collaterals of mitral, displaced mitral, and tufted cells in the rabbit olfactory bulb. <i>Journal of Comparative Neurology</i> , 1984, 225, 511-526.	1.6	74
52	Olfactory consciousness and gamma oscillation couplings across the olfactory bulb, olfactory cortex, and orbitofrontal cortex. <i>Frontiers in Psychology</i> , 2013, 4, 743.	2.1	74
53	cDNA Cloning and Chromosomal Localization of the Human Telencephalin and Its Distinctive Interaction with Lymphocyte Function-associated Antigen-1. <i>Journal of Biological Chemistry</i> , 1997, 272, 1156-1163.	3.4	70
54	A leucine-rich repeat membrane protein, 5T4, is expressed by a subtype of granule cells with dendritic arbors in specific strata of the mouse olfactory bulb. <i>Journal of Comparative Neurology</i> , 2006, 495, 754-768.	1.6	70

#	ARTICLE	IF	CITATIONS
55	Mapping of Learned Odor-Induced Motivated Behaviors in the Mouse Olfactory Tubercle. <i>Journal of Neuroscience</i> , 2015, 35, 10581-10599.	3.6	68
56	Detection and Masking of Spoiled Food Smells by Odor Maps in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2004, 24, 8690-8694.	3.6	67
57	Monoclonal antibodies (2C5 and 4C9) against lactoseries carbohydrates identify subsets of olfactory and vomeronasal receptor cells and their axons in the rabbit. <i>Brain Research</i> , 1987, 408, 215-221.	2.2	63
58	Immunoglobulin superfamily molecules in the nervous system. <i>Neuroscience Research</i> , 1991, 10, 83-105.	1.9	63
59	Developmentally and spatially regulated expression of HNK-1 carbohydrate antigen on a novel phosphatidylinositol-anchored glycoprotein in rat brain.. <i>Journal of Cell Biology</i> , 1991, 115, 731-744.	5.2	62
60	Binding of T lymphocytes to hippocampal neurons through ICAM-5 (telencephalin) and characterization of its interaction with the leukocyte integrin CD11a / CD18. <i>European Journal of Immunology</i> , 2000, 30, 810-818.	2.9	62
61	Sensory Deprivation Disrupts Homeostatic Regeneration of Newly Generated Olfactory Sensory Neurons after Injury in Adult Mice. <i>Journal of Neuroscience</i> , 2015, 35, 2657-2673.	3.6	61
62	OCAM reveals segregated mitral/tufted cell pathways in developing accessory olfactory bulb. <i>NeuroReport</i> , 1997, 8, 2607-2612.	1.2	60
63	Direct isolation of committed neuronal progenitor cells from transgenic mice coexpressing spectrally distinct fluorescent proteins regulated by stage-specific neural promoters. <i>Journal of Neuroscience Research</i> , 2001, 65, 220-227.	2.9	60
64	Elimination of Adult-Born Neurons in the Olfactory Bulb Is Promoted during the Postprandial Period. <i>Neuron</i> , 2011, 71, 883-897.	8.1	60
65	Olfactory Cortex Generates Synchronized Top-Down Inputs to the Olfactory Bulb during Slow-Wave Sleep. <i>Journal of Neuroscience</i> , 2011, 31, 8123-8133.	3.6	59
66	Relation of chemical structure to specificity of response in olfactory glomeruli. <i>Current Opinion in Neurobiology</i> , 1995, 5, 467-474.	4.2	56
67	Spatial Arrangement of Glomerular Molecular-Feature Clusters in the Odorant-Receptor Class Domains of the Mouse Olfactory Bulb. <i>Journal of Neurophysiology</i> , 2010, 103, 3490-3500.	1.8	55
68	Molecular-feature domains with posterodorsal-anteroventral polarity in the symmetrical sensory maps of the mouse olfactory bulb: mapping of odourant-induced Zif268 expression. <i>European Journal of Neuroscience</i> , 2002, 15, 1563-1574.	2.6	52
69	Immobility responses are induced by photoactivation of single glomerular species responsive to fox odour TMT. <i>Nature Communications</i> , 2017, 8, 16011.	12.8	52
70	Spatial Representation of Hydrocarbon Odorants in the Ventrolateral Zones of the Rat Olfactory Bulb. <i>Journal of Neurophysiology</i> , 2005, 93, 1007-1019.	1.8	50
71	Behavioral State Regulation of Dendrodendritic Synaptic Inhibition in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2008, 28, 9227-9238.	3.6	50
72	Olfactory Circuitry and Behavioral Decisions. <i>Annual Review of Physiology</i> , 2021, 83, 231-256.	13.1	49

#	ARTICLE	IF	CITATIONS
73	Intercellular Adhesion Molecule-5 Induces Dendritic Outgrowth by Homophilic Adhesion. Journal of Cell Biology, 2000, 150, 243-252.	5.2	47
74	Tbr2 Deficiency in Mitral and Tufted Cells Disrupts Excitatory-Inhibitory Balance of Neural Circuitry in the Mouse Olfactory Bulb. Journal of Neuroscience, 2012, 32, 8831-8844.	3.6	46
75	A Novel Phenylalanine-Based Targeting Signal Directs Telencephalin to Neuronal Dendrites. Journal of Neuroscience, 2005, 25, 1122-1131.	3.6	45
76	Compensatory Rapid Switching of Binasal Inputs in the Olfactory Cortex. Journal of Neuroscience, 2008, 28, 11989-11997.	3.6	45
77	Synaptic excitation and long-lasting inhibition of mitral cells in the in vitro turtle olfactory bulb. Brain Research, 1979, 172, 155-159.	2.2	44
78	Spike generation in the mitral cell dendrite of the rabbit olfactory bulb. Brain Research, 1975, 100, 685-689.	2.2	43
79	Genetic visualization of the secondary olfactory pathway in Tbx21 transgenic mice. Neural Systems & Circuits, 2011, 1, 5.	1.8	43
80	Polarized distribution and cell type-specific localization of telencephalin, an intercellular adhesion molecule. Journal of Neuroscience Research, 1998, 52, 43-53.	2.9	42
81	Prostaglandin E2 Activates Ca ²⁺ Channels in Bovine Adrenal Chromaffin Cells. Journal of Neurochemistry, 1991, 56, 541-547.	3.9	41
82	Basic principles and molecular mechanisms of olfactory axon pathfinding. Cell and Tissue Research, 1997, 290, 457-463.	2.9	40
83	Coronary high-intensity plaque on T ₁ -weighted magnetic resonance imaging and its association with myocardial injury after percutaneous coronary intervention. European Heart Journal, 2015, 36, 1913-1922.	2.2	40
84	Grouping and representation of odorant receptors in domains of the olfactory bulb sensory map. Microscopy Research and Technique, 2002, 58, 168.	2.2	38
85	5T4 Glycoprotein Regulates the Sensory Input-Dependent Development of a Specific Subtype of Newborn Interneurons in the Mouse Olfactory Bulb. Journal of Neuroscience, 2012, 32, 2217-2226.	3.6	37
86	The morphology and physiology of the granule cells in the rabbit olfactory bulb revealed by intracellular recording and HRP injection. Brain Research, 1982, 247, 129-133.	2.2	36
87	Telencephalin: a neuronal area code molecule?. Neuroscience Research, 1994, 21, 119-124.	1.9	36
88	Axonal projection of anterior olfactory nuclear neurons to the olfactory bulb bilaterally. Experimental Neurology, 1979, 64, 295-305.	4.1	35
89	Molecular and cellular properties of mammalian primary olfactory axons. Microscopy Research and Technique, 1993, 24, 131-141.	2.2	35
90	Lectin Ulex europaeus agglutinin I specifically labels a subset of primary afferent fibers which project selectively to the superficial dorsal horn of the spinal cord. Brain Research, 1986, 365, 404-408.	2.2	32

#	ARTICLE	IF	CITATIONS
91	Involvement of dendritic adhesion molecule telencephalin in hippocampal long-term potentiation. <i>NeuroReport</i> , 1998, 9, 881-886.	1.2	31
92	Neuronal adhesion molecule telencephalin induces rapid cell spreading of microglia. <i>Brain Research</i> , 1999, 849, 58-66.	2.2	31
93	Perisomatic targeting granule cells in the mouse olfactory bulb. <i>Journal of Comparative Neurology</i> , 2009, 515, 409-426.	1.6	31
94	Inverse expression of olfactory cell adhesion molecule in a subset of olfactory axons and a subset of mitral/tufted cells in the developing rat main olfactory bulb. <i>Journal of Comparative Neurology</i> , 2003, 458, 389-403.	1.6	30
95	Reorganization of neuronal circuits of the central olfactory system during postprandial sleep. <i>Frontiers in Neural Circuits</i> , 2013, 7, 132.	2.8	30
96	Odor-Induced Persistent Discharge of Mitral Cells in the Mouse Olfactory Bulb. <i>Journal of Neurophysiology</i> , 2009, 101, 1890-1900.	1.8	29
97	Immunohistochemical demonstration of embryonic expression of an odor receptor protein and its zonal distribution in the rat olfactory epithelium. <i>Neuroscience Letters</i> , 1994, 169, 73-76.	2.1	27
98	Schnurri-2 mutant mice are hypersensitive to stress and hyperactive. <i>Brain Research</i> , 2006, 1108, 88-97.	2.2	26
99	Three-dimensional analysis of dendritic trees of mitral cells in the rabbit olfactory bulb. <i>Neuroscience Letters</i> , 1982, 28, 127-131.	2.1	24
100	Distribution of putative odour receptor proteins in olfactory epithelium. <i>NeuroReport</i> , 1992, 3, 521-523.	1.2	24
101	Arachidonic Acid Activates Cation Channels in Bovine Adrenal Chromaffin Cells. <i>Journal of Neurochemistry</i> , 1993, 61, 1882-1890.	3.9	24
102	The neuronal pathway subserving the pupillary light reflex and its facilitation from cerebellar nuclei. <i>Brain Research</i> , 1973, 63, 357-361.	2.2	23
103	Modulation by prostaglandin D2 of mitral cell responses to odor stimulation in rabbit olfactory bulb. <i>Brain Research</i> , 1986, 378, 216-222.	2.2	23
104	Ultrastructural localization of telencephalin, a telencephalon-specific membrane glycoprotein, in rabbit olfactory bulb. <i>Neuroscience Research</i> , 1991, 11, 141-145.	1.9	23
105	Molecular Diversity in Zebrafish NCAM Family: Three Members with Different VASE Usage and Distinct Localization. <i>Molecular and Cellular Neurosciences</i> , 2001, 18, 119-130.	2.2	23
106	Odor stimulation causes disappearance of R4B12 epitope on axonal surface molecule of olfactory sensory neurons. <i>Neuroscience</i> , 1993, 53, 101-110.	2.3	22
107	R2D5 antigen: a calcium-binding phosphoprotein predominantly expressed in olfactory receptor neurons. <i>Journal of Cell Biology</i> , 1993, 123, 963-976.	5.2	22
108	Reduction of telencephalin immunoreactivity in the brain of patients with Alzheimer's disease. <i>Brain Research</i> , 1997, 753, 353-357.	2.2	22

#	ARTICLE	IF	CITATIONS
109	Nasal Administration of Cholera Toxin as a Mucosal Adjuvant Damages the Olfactory System in Mice. PLoS ONE, 2015, 10, e0139368.	2.5	22
110	Changes of drebrin expression in the visual cortex of the cat during development. Neuroscience Research, 1992, 13, 33-41.	1.9	21
111	Estimation by an electrophysiological method of the expression of oxytocin receptor mRNA in human myometrium during pregnancy. Journal of Steroid Biochemistry and Molecular Biology, 1992, 42, 253-258.	2.5	21
112	Developing germ cells in mouse testis express pheromone receptors. FEBS Letters, 2001, 488, 139-144.	2.8	21
113	A Novel Birthdate-Labeling Method Reveals Segregated Parallel Projections of Mitral and External Tufted Cells in the Main Olfactory System. ENeuro, 2019, 6, ENEURO.0234-19.2019.	1.9	21
114	A Transcriptional Enhancer That Directs Telencephalon-Specific Transgene Expression in Mouse Brain. Cerebral Cortex, 2006, 17, 522-530.	2.9	20
115	Enhanced cell-to-cell contacts between activated microglia and pyramidal cell dendrites following kainic acid-induced neurotoxicity in the hippocampus. Journal of Neuroimmunology, 2007, 186, 75-85.	2.3	20
116	Sharp wave-associated synchronized inputs from the piriform cortex activate olfactory tubercle neurons during slow-wave sleep. Journal of Neurophysiology, 2014, 111, 72-81.	1.8	20
117	Diagnosing uterine cervical cancer on a single T2-weighted image: Comparison between deep learning versus radiologists. European Journal of Radiology, 2021, 135, 109471.	2.6	20
118	Top-down inputs from the olfactory cortex in the postprandial period promote elimination of granule cells in the olfactory bulb. European Journal of Neuroscience, 2014, 40, 2724-2733.	2.6	19
119	Computation of molecular information in mammalian olfactory systems. Network: Computation in Neural Systems, 1998, 9, R79-R102.	3.6	18
120	Variations by layers and developmental changes in expression of telencephalin in the visual cortex of cat. Neuroscience Letters, 1990, 119, 118-121.	2.1	17
121	Increase in cytoplasmic free Ca ²⁺ elicited by noradrenalin and serotonin in cultured local interneurons of mouse olfactory bulb. Neuroscience, 1992, 49, 193-199.	2.3	17
122	Dendrite-associated cell adhesion molecule, telencephalin, promotes neurite outgrowth in mouse embryo. Neuroscience Letters, 1998, 240, 163-166.	2.1	17
123	Two highly homologous mouse odorant receptors encoded by tandemly-linked MOR29A and MOR29B genes respond differently to phenyl ethers. European Journal of Neuroscience, 2011, 33, 205-213.	2.6	17
124	Compensation of Depleted Neuronal Subsets by New Neurons in a Local Area of the Adult Olfactory Bulb. Journal of Neuroscience, 2011, 31, 10540-10557.	3.6	17
125	Diagnosing Ovarian Cancer on MRI: A Preliminary Study Comparing Deep Learning and Radiologist Assessments. Cancers, 2022, 14, 987.	3.7	17
126	The Olfactory System. , 2014, , .		16

#	ARTICLE	IF	CITATIONS
127	Longer latency of sensory response to intravenous odor injection predicts olfactory neural disorder. <i>Scientific Reports</i> , 2016, 6, 35361.	3.3	16
128	Monosynaptic and disynaptic activation of pyriform cortex neurons by synchronous lateral olfactory tract volleys in the rabbit. <i>Experimental Neurology</i> , 1983, 81, 571-585.	4.1	15
129	Vitronectin Induces Phosphorylation of Ezrin/Radixin/Moesin Actin-binding Proteins through Binding to Its Novel Neuronal Receptor Telencephalin. <i>Journal of Biological Chemistry</i> , 2012, 287, 39041-39049.	3.4	15
130	Dried-Bonito Aroma Components Enhance Salivary Hemodynamic Responses to Broth Tastes Detected by Near-Infrared Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 805-811.	5.2	15
131	Alternating responses of olfactory bulb neurons to repetitive lateral olfactory tract stimulation. <i>Brain Research</i> , 1977, 133, 150-155.	2.2	14
132	GABAergic neurons in the olfactory cortex projecting to the lateral hypothalamus in mice. <i>Scientific Reports</i> , 2019, 9, 7132.	3.3	13
133	A Procedure for In Situ Hybridization Combined with Retrograde Labeling of Neurons: Application to the Study of Cell Adhesion Molecule Expression in Dil-labeled Rat Pyramidal Neurons. <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 455-459.	2.5	12
134	Safety margin of radiofrequency ablation for hepatocellular carcinoma: a prospective study using magnetic resonance imaging with superparamagnetic iron oxide. <i>Japanese Journal of Radiology</i> , 2019, 37, 555-563.	2.4	11
135	E-series prostaglandins activate cAMP-mediated potassium currents in follicle-enclosed xenopus oocyte. <i>Biochemical and Biophysical Research Communications</i> , 1989, 162, 1535-1540.	2.1	10
136	NEUROBIOLOGY: Sniffing Out Odors with Multiple Dendrites. <i>Science</i> , 2001, 291, 835-837.	12.6	10
137	Expression of the Immunoglobulin Superfamily Cell Adhesion Molecules in the Developing Spinal Cord and Dorsal Root Ganglion. <i>PLoS ONE</i> , 2015, 10, e0121550.	2.5	10
138	The efficacy of deep learning models in the diagnosis of endometrial cancer using MRI: a comparison with radiologists. <i>BMC Medical Imaging</i> , 2022, 22, 80.	2.7	10
139	Genomic Organization and Chromosomal Localization of the Mouse Telencephalin Gene, a Neuronal Member of the ICAM Family. <i>Genomics</i> , 1997, 43, 209-215.	2.9	9
140	Possible functional role of olfactory subsystems in monitoring inhalation and exhalation. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 107.	1.7	9
141	Nectin-1 spots as a novel adhesion apparatus that tethers mitral cell lateral dendrites in a dendritic meshwork structure of the developing mouse olfactory bulb. <i>Journal of Comparative Neurology</i> , 2015, 523, 1824-1839.	1.6	9
142	Double Coaxial Microcatheter Technique for Glue Embolization of Renal Arteriovenous Malformations. <i>CardioVascular and Interventional Radiology</i> , 2015, 38, 1277-1283.	2.0	9
143	Functional development of olfactory tubercle domains during weaning period in mice. <i>Scientific Reports</i> , 2018, 8, 13204.	3.3	9
144	Behavioral state. <i>Communicative and Integrative Biology</i> , 2009, 2, 362-364.	1.4	8

#	ARTICLE	IF	CITATIONS
145	Development of the somatosensory cortex, the cerebellum, and the main olfactory system in Semaphorin 3F knockout mice. <i>Neuroscience Research</i> , 2010, 66, 321-329.	1.9	8
146	Nectin-1 spots regulate the branching of olfactory mitral cell dendrites. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 143-150.	2.2	8
147	â€œPigtail through snareâ€•technique: an easy and fast way to retrieve a catheter fragment with inaccessible ends. <i>CVIR Endovascular</i> , 2021, 4, 24.	1.1	8
148	Parallel Tufted Cell and Mitral Cell Pathways from the Olfactory Bulb to the Olfactory Cortex. , 2014, , 133-160.		8
149	Ionic Stimulation of the Olfactory Epithelium in the Bullfrog and the Carp. <i>The Japanese Journal of Physiology</i> , 1978, 28, 129-148.	0.9	8
150	Development of telencephalin in the human cerebrum. <i>Microscopy Research and Technique</i> , 1999, 46, 18-23.	2.2	7
151	Ethylmaltol Odor Enhances Salivary Hemodynamic Responses to Sucrose Taste as Detected by Near-Infrared Spectroscopy. <i>Chemosensory Perception</i> , 2013, 6, 92-100.	1.2	7
152	Unique Characteristics of the Olfactory System. , 2014, , 1-18.		7
153	Axonal Projection of Olfactory Bulb Tufted and Mitral Cells to Olfactory Cortex. , 2016, , 3-26.		7
154	Clinical usefulness of temporal subtraction CT in detecting vertebral bone metastases. <i>European Journal of Radiology</i> , 2019, 118, 175-180.	2.6	7
155	Ovarian and non-ovarian teratomas: a wide spectrum of features. <i>Japanese Journal of Radiology</i> , 2021, 39, 143-158.	2.4	7
156	Specific carbohydrate expression by small-diameter subclasses of rabbit trigeminal, glossopharyngeal, and vagal afferent fibers studied with the lectin <i>Ulex europaeus</i> agglutinin I. <i>Neuroscience Research</i> , 1987, 4, 291-303.	1.9	6
157	Development of Glomerular Structure in Rabbit Olfactory Bulb: Three-Dimensional Reconstruction under the Confocal Laser Scanning Microscopy. <i>NeuroImage</i> , 1994, 1, 199-207.	4.2	6
158	Odor maps in the dorsal and lateral surfaces of the rat olfactory bulb. <i>Chemical Senses</i> , 2005, 30, i103-i104.	2.0	6
159	Dendrodendritic Synapses and Functional Compartmentalization in the Olfactory Bulb. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 255-258.	3.8	6
160	Processing of Odor Information During the Respiratory Cycle in Mice. <i>Frontiers in Neural Circuits</i> , 2022, 16, 861800.	2.8	6
161	Fast and slow inhibitory postsynaptic potentials in the piriform cortex neurons.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 1978, 54, 484-489.	3.8	5
162	Localization of synaptic responses in the in vitro turtle olfactory bulb using the [14C]2-deoxyglucose method. <i>Brain Research</i> , 1981, 217, 295-303.	2.2	5

#	ARTICLE	IF	CITATIONS
163	OCAM Regulates Embryonic Spinal Cord Stem Cell Proliferation by Modulating ErbB2 Receptor. <i>PLoS ONE</i> , 2015, 10, e0122337.	2.5	5
164	Rapid induction of granule cell elimination in the olfactory bulb by noxious stimulation in mice. <i>Neuroscience Letters</i> , 2015, 598, 6-11.	2.1	5
165	Spontaneous Hemoperitoneum in Pregnancy Treated with Transarterial Embolization of the Uterine Artery. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 132-136.	2.0	5
166	Temporal coordination of olfactory cortex sharp-wave activity with up- and downstates in the orbitofrontal cortex during slow-wave sleep. <i>Journal of Neurophysiology</i> , 2017, 117, 123-135.	1.8	5
167	The utility of dynamic MRI in differentiating the hormone-producing ability of pituitary adenomas. <i>Japanese Journal of Radiology</i> , 2021, 39, 741-748.	2.4	5
168	Critical periods in adult neurogenesis and possible clinical utilization of new neurons. <i>Frontiers in Neuroscience</i> , 2014, 8, 177.	2.8	4
169	Carcinosarcoma of the ovary: MR and clinical findings compared with high-grade serous carcinoma. <i>Japanese Journal of Radiology</i> , 2021, 39, 357-366.	2.4	4
170	Activated natural killer cells adhere to cultured hippocampal neurons and affect the dendritic morphology. <i>Journal of Neuroimmunology</i> , 2004, 151, 126-136.	2.3	3
171	Mass-forming hepatic cryptococcosis: a mimicker of metastatic tumors. <i>Abdominal Radiology</i> , 2020, 45, 2268-2273.	2.1	3
172	Odor Maps in the Olfactory Bulb. , 2014, , 59-69.		3
173	Ectopic expression of telencephalin in brains with holoprosencephaly. <i>Acta Neuropathologica</i> , 2000, 100, 506-512.	7.7	2
174	Olfactory Bulb Mapping. , 2009, , 71-75.		2
175	High prevalence of intrapelvic parasitic arteries in patients with placenta accreta spectrum: A case-control study using unenhanced magnetic resonance angiography. <i>Clinical Imaging</i> , 2020, 63, 50-56.	1.5	2
176	Assessment of the sequential timeâ€‘signal enhancement curve of dynamic contrast-enhanced MRI might be effective in diagnosing growth hormone-producing pituitary adenomas. <i>Japanese Journal of Radiology</i> , 2021, 39, 925-925.	2.4	2
177	Neural Circuitry for Stress Information of Environmental and Internal Odor Worlds. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	2.0	2
178	Topographical gradient in expression of R2D5 antigen in superior olivary nuclei and hippocampal dentate gyrus of the cat. <i>Neuroscience Research</i> , 1991, 10, 222-231.	1.9	1
179	Improving the Taste of Artificial Sweeteners Using Flavors. <i>ACS Symposium Series</i> , 2008, , 420-429.	0.5	1
180	Successful transarterial embolization of coronary artery fistula with ruptured aneurysm: A case report. <i>Radiology Case Reports</i> , 2019, 14, 126-128.	0.6	1

#	ARTICLE	IF	CITATIONS
181	Basic principles and molecular mechanisms of olfactory axon pathfinding. , 1997, , 457-463.		1
182	Molecular Receptive Range Properties of Mitral/Tufted Cells in the Mammalian Main Olfactory Bulb. , 1994, , 429-432.		1
183	Sorafenib-induced Prostate Volume Reduction, a New Adverse Effect Detected by Imaging: A Pilot Study. Journal of the Belgian Society of Radiology, 2018, 102, 69.	0.3	1
184	Piriform Cortex and Olfactory Tubercle. , 2014, , 161-175.		1
185	MULTIPLE OVERLAPPING CIRCUITS WITHIN OLFACTORY AND BASAL FOREBRAIN SYSTEMS. , 1981, , 263-278.		1
186	Signal processing in the olfactory epithelium and olfactory bulb.. Seibutsu Butsuri, 1994, 34, 61-64.	0.1	1
187	Percutaneous transhepatic obliteration-related procedures for isolated gastric varices: experience of three cases. Clinical Journal of Gastroenterology, 2021, 15, 192.	0.8	1
188	Specific carbohydrate expression by small-diameter subclasses of rabbit trigeminal, glossopharyngeal, and vagal afferent fibers studied with the lectin Ulex europaeus agglutinin I. Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society, 1987, 4, 291-303.	0.0	0
189	Dendritic filopodia formation is mediated by the interaction between telencephalin and ERM proteins. Neuroscience Research, 2007, 58, S130.	1.9	0
190	Feeding-related time window of fate decision of newborn granule cells in the adult mouse olfactory bulb. Neuroscience Research, 2007, 58, S57.	1.9	0
191	Behavioral state-dependent change of granule-to-mitral inhibition in the rat olfactory bulb. Neuroscience Research, 2007, 58, S67.	1.9	0
192	Behavioral state-dependent simultaneously change between the respiratory pattern and information processing mode in hippocampus. Neuroscience Research, 2007, 58, S167.	1.9	0
193	Spatial representation of odorant categories for the odor-source localization in the anterior olfactory nucleus pars externa. Neuroscience Research, 2010, 68, e385.	1.9	0
194	Anterior olfactory nucleus pars externa neurons detect the difference in the concentration between ipsi-nostril and contra-nostril inputs. Neuroscience Research, 2010, 68, e385.	1.9	0
195	Olfactory cortex sharp waves occur during slow wave sleep in a coordinated manner with orbitofrontal cortex and amygdala. Neuroscience Research, 2010, 68, e390.	1.9	0
196	Olfactory bulb preferentially incorporates eliminated subset of newborn granule cells. Neuroscience Research, 2010, 68, e92.	1.9	0
197	Neuronal circuits responsible for the generation of olfactory cortex and olfactory bulb sharp waves during slow-wave sleep. Neuroscience Research, 2010, 68, e98.	1.9	0
198	Analysis of newly generated neurons in the accessory olfactory bulb. Neuroscience Research, 2010, 68, e368-e369.	1.9	0

#	ARTICLE	IF	CITATIONS
199	Synaptic connection of adult-born interneurons to distinct subcellular domains of projection neurons in the mouse olfactory bulb. <i>Neuroscience Research</i> , 2011, 71, e237.	1.9	0
200	Continuous neurogenesis in the adult forebrain is required for gender-specific activities. <i>Neuroscience Research</i> , 2011, 71, e238.	1.9	0
201	Mitral and tufted cells differ in concentration threshold and temporal profiles of odor response in the mouse olfactory bulb. <i>Neuroscience Research</i> , 2011, 71, e358.	1.9	0
202	Genetic visualization and neural activity imaging of the secondary olfactory pathway in Tbx21 transgenic mice. <i>Neuroscience Research</i> , 2011, 71, e153.	1.9	0
203	Successful transcatheter arterial embolization for ruptured adrenocortical tumor in a pediatric patient. <i>Radiology Case Reports</i> , 2021, 16, 979-982.	0.6	0
204	A novel case of congenital hepatic arterio-veno-portal shunts with umbilical vein aneurysm. <i>Radiology Case Reports</i> , 2021, 16, 3374-3379.	0.6	0
205	å—...è šã®å^†åç”Ÿç†å-}. <i>Japanese Journal of Geriatrics</i> , 2002, 39, 141-144.	0.1	0