

Takumi Misaka

List of Publications by Year in descending order

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126907

33
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124
all docs

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docs citations

124
times ranked

4001
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#	ARTICLE	IF	CITATIONS
1	Evolution of sweet taste perception in hummingbirds by transformation of the ancestral umami receptor. <i>Science</i> , 2014, 345, 929-933.	12.6	169
2	Characterization of Ligands for Fish Taste Receptors. <i>Journal of Neuroscience</i> , 2007, 27, 5584-5592.	3.6	149
3	Characterization of the Modes of Binding between Human Sweet Taste Receptor and Low-Molecular-Weight Sweet Compounds. <i>PLoS ONE</i> , 2012, 7, e35380.	2.5	139
4	Primary Structure of a Dynamin-related Mouse Mitochondrial GTPase and Its Distribution in Brain, Subcellular Localization, and Effect on Mitochondrial Morphology. <i>Journal of Biological Chemistry</i> , 2002, 277, 15834-15842.	3.4	136
5	Crystal Structure of Glucansucrase from the Dental Caries Pathogen <i>Streptococcus mutans</i> . <i>Journal of Molecular Biology</i> , 2011, 408, 177-186.	4.2	135
6	Umami–bitter interactions: The suppression of bitterness by umami peptides via human bitter taste receptor. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 586-590.	2.1	119
7	Two Distinct Determinants of Ligand Specificity in T1R1/T1R3 (the Umami Taste Receptor). <i>Journal of Biological Chemistry</i> , 2013, 288, 36863-36877.	3.4	101
8	Soyacystatin, a Novel Cysteine Proteinase Inhibitor in Soybean, is Distinct in Protein Structure and Gene Organization from Other Cystatins of Animal and Plant Origin. <i>FEBS Journal</i> , 1996, 240, 609-614.	0.2	93
9	Characterization of the Î²-d-Glucopyranoside Binding Site of the Human Bitter Taste Receptor hTAS2R16*. <i>Journal of Biological Chemistry</i> , 2010, 285, 28373-28378.	3.4	87
10	Evaluation of the bitterness of green tea catechins by a cell-based assay with the human bitter taste receptor hTAS2R39. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 620-625.	2.1	87
11	Protective role of the leukotriene B ₄ receptor BLT2 in murine inflammatory colitis. <i>FASEB Journal</i> , 2010, 24, 4678-4690.	0.5	77
12	Taste Buds Have a Cyclic Nucleotide-activated Channel, CNGgust. <i>Journal of Biological Chemistry</i> , 1997, 272, 22623-22629.	3.4	74
13	Luteolin and Quercetin Affect the Cholesterol Absorption Mediated by Epithelial Cholesterol Transporter Niemann–Pick C1-Like 1 in Caco-2 Cells and Rats. <i>PLoS ONE</i> , 2014, 9, e97901.	2.5	73
14	Taste-modifying sweet protein, neoculin, is received at human T1R3 amino terminal domain. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 585-589.	2.1	72
15	Extracellular Production of Neoculin, a Sweet-Tasting Heterodimeric Protein with Taste-Modifying Activity, by <i>Aspergillus oryzae</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 3716-3723.	3.1	68
16	Microbial production of sensory-active miraculin. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 407-411.	2.1	65
17	Molecular Cloning, Characterization, and Expression of Wheat Cystatins. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 22-28.	1.3	58
18	Aquaporin-9 is expressed in a mucus-secreting goblet cell subset in the small intestine. <i>FEBS Letters</i> , 2003, 540, 157-162.	2.8	58

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19	Arachidonic acid can function as a signaling modulator by activating the TRPM5 cation channel in taste receptor cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 1078-1084.	2.4	57
20	Artepillin C, a Major Ingredient of Brazilian Propolis, Induces a Pungent Taste by Activating TRPA1 Channels. <i>PLoS ONE</i> , 2012, 7, e48072.	2.5	56
21	A water channel closely related to rat brain aquaporin 4 is expressed in acid- and pepsinogen-secretory cells of human stomach. <i>FEBS Letters</i> , 1996, 381, 208-212.	2.8	55
22	Crystal Structure of Neoculin: Insights into its Sweetness and Taste-modifying Activity. <i>Journal of Molecular Biology</i> , 2006, 359, 148-158.	4.2	54
23	Alternative splicing of RGS8 gene determines inhibitory function of receptor type-specific Gq signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10138-10143.	7.1	53
24	Acetic acid activates PKD1L3â€“PKD2L1 channelâ€”A candidate sour taste receptor. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 346-350.	2.1	53
25	Human sweet taste receptor mediates acid-induced sweetness of miraculin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16819-16824.	7.1	51
26	Gliadain, a gibberellin-inducible cysteine proteinase occurring in germinating seeds of wheat, <i>Triticum aestivum</i> L., specifically digests gliadin and is regulated by intrinsic cystatins. <i>FEBS Journal</i> , 2007, 274, 1908-1917.	4.7	50
27	OPA1 expression in the normal rat retina and optic nerve. <i>Journal of Comparative Neurology</i> , 2005, 488, 1-10.	1.6	47
28	Aquaporinâ€“11 knockout mice and polycystic kidney disease animals share a common mechanism of cyst formation. <i>FASEB Journal</i> , 2008, 22, 3672-3684.	0.5	47
29	Amiloride reduces the sweet taste intensity by inhibiting the human sweet taste receptor. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 220-225.	2.1	46
30	l-Theanine elicits umami taste via the T1R1+T1R3 umami taste receptor. <i>Amino Acids</i> , 2014, 46, 1583-1587.	2.7	45
31	Umami taste dysfunction in patients receiving radiotherapy for head and neck cancer. <i>Oral Oncology</i> , 2009, 45, e19-e23.	1.5	44
32	Functional diversity of bitter taste receptor TAS2R16 in primates. <i>Biology Letters</i> , 2012, 8, 652-656.	2.3	44
33	Hypothalamic neuronal circuits regulating hunger-induced taste modification. <i>Nature Communications</i> , 2019, 10, 4560.	12.8	39
34	SatB2-Expressing Neurons in the Parabrachial Nucleus Encode Sweet Taste. <i>Cell Reports</i> , 2019, 27, 1650-1656.e4.	6.4	39
35	Acidâ€“induced sweetness of neoculin is ascribed to its pHâ€“dependent agonisticâ€“antagonistic interaction with human sweet taste receptor. <i>FASEB Journal</i> , 2008, 22, 2323-2330.	0.5	35
36	Early origin of sweet perception in the songbird radiation. <i>Science</i> , 2021, 373, 226-231.	12.6	34

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37	Taste Receptor Cells Express Voltage-Dependent Potassium Channels in a Cell Age-Specific Manner. <i>Chemical Senses</i> , 2006, 31, 739-746.	2.0	33
38	Sweeteners interacting with the transmembrane domain of the human sweet-taste receptor induce sweet-taste synergisms in binary mixtures. <i>Food Chemistry</i> , 2012, 130, 561-568.	8.2	33
39	Effects of coexpression with Homer isoforms on the function of metabotropic glutamate receptor 1 \pm . <i>Molecular and Cellular Neurosciences</i> , 2003, 23, 157-168.	2.2	32
40	Interaction between PKD1L3 and PKD2L1 through their transmembrane domains is required for localization of PKD2L1 at taste pores in taste cells of circumvallate and foliate papillae. <i>FASEB Journal</i> , 2010, 24, 4058-4067.	0.5	32
41	Positive/Negative Allosteric Modulation Switching in an Umami Taste Receptor (T1R1/T1R3) by a Natural Flavor Compound, Methional. <i>Scientific Reports</i> , 2018, 8, 11796.	3.3	32
42	Dietary Flavonoids Activate the Constitutive Androstane Receptor (CAR). <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2168-2173.	5.2	31
43	The human bitter taste receptor, hTAS2R16, discriminates slight differences in the configuration of disaccharides. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 595-601.	2.1	31
44	Activation of the hTAS2R14 Human Bitter-Taste Receptor by ($\hat{\alpha}$ ⁺)-Epigallocatechin Gallate and ($\hat{\alpha}$ ⁻)-Epicatechin Gallate. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1981-1983.	1.3	31
45	Plant-specific insertions in the soybean aspartic proteinases, soyAP1 and soyAP2, perform different functions of vacuolar targeting. <i>Journal of Plant Physiology</i> , 2006, 163, 856-862.	3.5	29
46	Participation of the peripheral taste system in aging-dependent changes in taste sensitivity. <i>Neuroscience</i> , 2017, 358, 249-260.	2.3	29
47	Neoculin, a taste-modifying protein, is recognized by human sweet taste receptor. <i>NeuroReport</i> , 2006, 17, 1241-1244.	1.2	28
48	Transient receptor potential channel M5 and phospholipaseC- $\hat{\iota}$ 2 colocalizing in zebrafish taste receptor cells. <i>NeuroReport</i> , 2007, 18, 1517-1520.	1.2	28
49	Advanced method for high-throughput expression of mutated eukaryotic membrane proteins in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 841-845.	2.1	28
50	Wheat cysteine proteases triticain $\hat{\iota}$ \pm , $\hat{\iota}$ $\hat{2}$ and $\hat{\iota}$ $\hat{3}$ exhibit mutually distinct responses to gibberellin in germinating seeds. <i>Journal of Plant Physiology</i> , 2009, 166, 101-106.	3.5	28
51	Evolution of the primate glutamate taste sensor from a nucleotide sensor. <i>Current Biology</i> , 2021, 31, 4641-4649.e5.	3.9	28
52	TMC4 is a novel chloride channel involved in high-concentration salt taste sensation. <i>Journal of Physiological Sciences</i> , 2021, 71, 23.	2.1	27
53	pH-Dependent Inhibition of the Human Bitter Taste Receptor hTAS2R16 by a Variety of Acidic Substances. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2508-2514.	5.2	26
54	Molecular mechanisms of the action of miraculin, a taste-modifying protein. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 222-225.	5.0	26

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55	Neuron Differentiation-Related Genes Are Up-regulated in the Hypothalamus of Odorant-Inhaling Rats Subjected to Acute Restraint Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7922-7929.	5.2	24
56	Modulation of Sweet Taste by Umami Compounds via Sweet Taste Receptor Subunit hT1R2. <i>PLoS ONE</i> , 2015, 10, e0124030.	2.5	23
57	Establishment of a New Cell-Based Assay To Measure the Activity of Sweeteners in Fluorescent Food Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12131-12138.	5.2	22
58	Signal peptide peptidase and its homologs in <i>Arabidopsis thaliana</i> plant tissue-specific expression and distinct subcellular localization. <i>FEBS Journal</i> , 2008, 275, 34-43.	4.7	20
59	Photoactive ligands probing the sweet taste receptor. Design and synthesis of highly potent diazirinyl d-phenylalanine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1081-1083.	2.2	20
60	Bulky high-mannose-type N-glycan blocks the taste-modifying activity of miraculin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 986-992.	2.4	20
61	The dynamin-related mouse mitochondrial GTPase OPA1 alters the structure of the mitochondrial inner membrane when exogenously introduced into COS-7 cells. <i>Neuroscience Research</i> , 2006, 55, 123-133.	1.9	19
62	Identification and Modulation of the Key Amino Acid Residue Responsible for the pH Sensitivity of Neoculin, a Taste-Modifying Protein. <i>PLoS ONE</i> , 2011, 6, e19448.	2.5	19
63	Differential expression of wheat aspartic proteinases, WAP1 and WAP2, in germinating and maturing seeds. <i>Journal of Plant Physiology</i> , 2007, 164, 470-477.	3.5	18
64	Hepatic Gene Expression of the Insulin Signaling Pathway Is Altered by Administration of Persimmon Peel Extract: A DNA Microarray Study Using Type 2 Diabetic Goto-Kakizaki Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3320-3329.	5.2	18
65	Polyphenols in Alcoholic Beverages Activating Constitutive Androstane Receptor CAR. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1635-1637.	1.3	18
66	Methyl syringate, a low-molecular-weight phenolic ester, as an activator of the chemosensory ion channel TRPA1. <i>Archives of Pharmacal Research</i> , 2012, 35, 2211-2218.	6.3	18
67	Structural insights into the differences among lactisole derivatives in inhibitory mechanisms against the human sweet taste receptor. <i>PLoS ONE</i> , 2019, 14, e0213552.	2.5	18
68	Transgenic labeling of taste receptor cells in model fish under the control of the 5' upstream region of medaka phospholipase C-beta 2 gene. <i>Gene Expression Patterns</i> , 2007, 7, 149-157.	0.8	17
69	Efficacy of Long-Term Feeding of \pm -Glycerophosphocholine for Aging-Related Phenomena in Old Mice. <i>Gerontology</i> , 2020, 66, 275-285.	2.8	16
70	Molecular Cloning and Taste Bud-Specific Expression of a Novel Cyclic Nucleotide-Gated Channel. <i>Annals of the New York Academy of Sciences</i> , 1998, 855, 150-159.	3.8	15
71	Neoculin, a taste-modifying sweet protein, accumulates in ripening fruits of cultivated <i>Curculigo latifolia</i> . <i>Journal of Plant Physiology</i> , 2008, 165, 1964-1969.	3.5	15
72	Fluorescence-based optimization of human bitter taste receptor expression in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 704-710.	2.1	15

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73	Human Bitter Taste Receptors hTAS2R8 and hTAS2R39 with Differential Functions to Recognize Bitter Peptides. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1188-1190.	1.3	15
74	Nuclear Receptor-Mediated Alleviation of Alcoholic Fatty Liver by Polyphenols Contained in Alcoholic Beverages. <i>PLoS ONE</i> , 2014, 9, e87142.	2.5	15
75	The single pore residue Asp523 in PKD2L1 determines Ca ²⁺ permeation of the PKD1L3/PKD2L1 complex. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 946-951.	2.1	14
76	The response of PKD1L3 and PKD2L1 to acid stimuli is inhibited by capsaicin and its pungent analogs. <i>FEBS Journal</i> , 2012, 279, 1857-1870.	4.7	14
77	Protective role of the leukotriene B ₄ receptor BLT2 in murine inflammatory colitis. <i>FASEB Journal</i> , 2010, 24, 4678-4690.	0.5	14
78	Suppression of hTAS2R16 Signaling by Umami Substances. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7045.	4.1	12
79	A gustatory cyclic nucleotide-gated channels CNG _{gust} , is expressed in the retina. <i>NeuroReport</i> , 1999, 10, 743-746.	1.2	11
80	Surface Plasmon Resonance Analysis on Interactions of Food Components with a Taste Epithelial Cell Model. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11870-11875.	5.2	11
81	Rapid Expansion of Phenylthiocarbamide Non-Tasters among Japanese Macaques. <i>PLoS ONE</i> , 2015, 10, e0132016.	2.5	11
82	Variation in ligand responses of the bitter taste receptors TAS2R1 and TAS2R4 among New World monkeys. <i>BMC Evolutionary Biology</i> , 2016, 16, 208.	3.2	11
83	The Use of Mammalian Cultured Cells Loaded with a Fluorescent Dye Shows Specific Membrane Penetration of Undissociated Acetic Acid. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 523-529.	1.3	10
84	Soy Peptides Enhance Heterologous Membrane Protein Productivity during the Exponential Growth Phase of <i>Saccharomyces cerevisiae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 628-631.	1.3	10
85	Expression of the synaptic exocytosis-regulating molecule complexin 2 in taste buds and its participation in peripheral taste transduction. <i>Journal of Neurochemistry</i> , 2015, 133, 806-814.	3.9	10
86	Analysis of aging-dependent changes in taste sensitivities of the senescence-accelerated mouse SAMP1. <i>Experimental Gerontology</i> , 2018, 113, 64-73.	2.8	10
87	Biochemical and Genomic Analysis of Neoculin Compared to Monocot Mannose-Binding Lectins. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5338-5344.	5.2	9
88	Cysteine-to-serine shuffling using a <i>Saccharomyces cerevisiae</i> expression system improves protein secretion: case of a nonglycosylated mutant of miraculin, a taste-modifying protein. <i>Biotechnology Letters</i> , 2011, 33, 103-107.	2.2	9
89	Identification of key neoculin residues responsible for the binding and activation of the sweet taste receptor. <i>Scientific Reports</i> , 2015, 5, 12947.	3.3	9
90	Ibuprofen, a Nonsteroidal Anti-Inflammatory Drug, is a Potent Inhibitor of the Human Sweet Taste Receptor. <i>Chemical Senses</i> , 2020, 45, 667-673.	2.0	9

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91	Bitter taste receptor activation by hop-derived bitter components induces gastrointestinal hormone production in enteroendocrine cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 704-709.	2.1	9
92	Activation of the Chemosensory Ion Channels TRPA1 and TRPV1 by Hydroalcohol Extract of <i>Kalopanax pictus</i> Leaves. <i>Biomolecules and Therapeutics</i> , 2012, 20, 550-555.	2.4	9
93	The Hepatic Genes for Immunoproteasome Are Upregulated by Refeeding after Fasting in the Rat. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1320-1323.	1.3	8
94	Analysis of the interaction of food components with model lingual epithelial cells: the case of sweet proteins. <i>Flavour and Fragrance Journal</i> , 2011, 26, 274-278.	2.6	8
95	Characterization of the Human Bitter Taste Receptor Response to Sesquiterpene Lactones from Edible Asteraceae Species and Suppression of Bitterness through pH Control. <i>ACS Omega</i> , 2021, 6, 4401-4407.	3.5	8
96	Modulatory Effect of Theaflavins on Apical Sodium-Dependent Bile Acid Transporter (ASBT) Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9585-9596.	5.2	8
97	Transgenic labeling of higher order neuronal circuits linked to phospholipase C α 2 expressing taste bud cells in medaka fish. <i>Journal of Comparative Neurology</i> , 2013, 521, 1781-1802.	1.6	7
98	Tas2r125 functions as the main receptor for detecting bitterness of tea catechins in the oral cavity of mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2301-2305.	2.1	7
99	Recent progress in the use of diaziridine-based sweetener derivatives to elucidate the chemoreception mechanism of the sweet taste receptor. <i>RSC Advances</i> , 2021, 11, 32236-32247.	3.6	7
100	Crystallization and preliminary X-ray analysis of a glucansucrase from the dental caries pathogen <i>Streptococcus mutans</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1086-1088.	0.7	6
101	Chimeric Yeast G-Protein β Subunit Harboring a 37-Residue C-Terminal Gustducin-Specific Sequence Is Functional in <i>Saccharomyces cerevisiae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 512-516.	1.3	6
102	Unilateral nasal obstruction alters sweet taste preference and sweet taste receptors in rat circumvallate papillae. <i>Acta Histochemica</i> , 2019, 121, 135-142.	1.8	6
103	Transmembrane channel-like 4 is involved in pH and temperature-dependent modulation of salty taste. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 2295-2299.	1.3	6
104	Ibuprofen inhibits oral NaCl response through transmembrane channel-like 4. <i>Biochemical and Biophysical Research Communications</i> , 2021, 573, 76-79.	2.1	6
105	pH-Dependent Structural Change in Neoculin with Special Reference to Its Taste-Modifying Activity. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2552-2555.	1.3	5
106	Non-Acidic Compounds Induce the Intense Sweet Taste of Neoculin, a Taste-Modifying Protein. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1600-1602.	1.3	5
107	Dietary zinc status reversibly alters both the feeding behaviors of the rats and gene expression patterns in diencephalon. <i>BioFactors</i> , 2012, 38, 203-218.	5.4	5
108	Amino acid residues of bitter taste receptor TAS2R16 that determine sensitivity in primates to β -glycosides. <i>Biophysics and Physicobiology</i> , 2016, 13, 165-171.	1.0	5

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109	Novel indole and benzothiophene ring derivatives showing differential modulatory activity against human epithelial sodium channel subunits, ENaC \hat{I}^2 and \hat{I}^3 . Bioscience, Biotechnology and Biochemistry, 2019, 83, 243-250.	1.3	5
110	Analysis of Taste Sensitivities in App Knock-In Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 76, 997-1004.	2.6	5
111	Accumulation of SNAP25 in mouse gustatory and somatosensory cortices in response to food and chemical stimulation. Neuroscience, 2012, 218, 326-334.	2.3	4
112	Differential expression analysis throughout the weaning period in the mouse cerebral cortex. Biochemical and Biophysical Research Communications, 2013, 431, 437-443.	2.1	4
113	Comparison between the timing of the occurrence of taste sensitivity changes and short-term memory decline due to aging in SAMP1 mice. PLoS ONE, 2021, 16, e0248673.	2.5	4
114	Development of a Cultured Cell-Based Human-Taste Evaluation System. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1613-1616.	1.3	3
115	Ulex Europaeus Agglutinin-1 Is a Reliable Taste Bud Marker for In Situ Hybridization Analyses. Journal of Histochemistry and Cytochemistry, 2016, 64, 205-215.	2.5	3
116	Expression of serotonin receptor genes in cranial ganglia. Neuroscience Letters, 2016, 617, 46-51.	2.1	3
117	Asymmetric Synthesis of Photophore-Containing Lactisole Derivatives to Elucidate Sweet Taste Receptors. Molecules, 2020, 25, 2790.	3.8	3
118	Food functionality research as a new national project in special reference to improvement of cognitive and locomotive abilities. Bioscience, Biotechnology and Biochemistry, 2018, 82, 573-583.	1.3	2
119	Change in Taste Preference to Capsaicin and Catechin Due to Aging in Mice. Journal of Nutritional Science and Vitaminology, 2021, 67, 196-200.	0.6	2
120	A large increase of sour taste receptor cells in Skn-1 -deficient mice does not alter the number of their sour taste signal-transmitting gustatory neurons. Neuroscience Letters, 2017, 648, 53-58.	2.1	1
121	Expression of Olfactory-Related Genes in the Olfactory Epithelium of an Alzheimer's Disease Mouse Model. Journal of Alzheimer's Disease, 2022, , 1-7.	2.6	1
122	3PT189 Functional diversity of bitter taste receptor TAS2R16 by amino acid substitution(The 50th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	0
123	Title is missing!. Kagaku To Seibutsu, 2016, 54, 246-247.	0.0	0
124	De novo transcriptome analysis and comparative expression profiling of genes associated with the taste-modifying protein neoculin in Curculigo latifolia and Curculigo capitulata fruits. BMC Genomics, 2021, 22, 347.	2.8	0