

Tatsuya Ogura

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,078
citations

471509

17
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1021
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | TRPM5-Expressing Solitary Chemosensory Cells Respond to Odorous Irritants. <i>Journal of Neurophysiology</i> , 2008, 99, 1451-1460. | 1.8 | 129 |
| 2 | Acid-Activated Cation Currents in Rat Vallate Taste Receptor Cells. <i>Journal of Neurophysiology</i> , 2002, 88, 133-141. | 1.8 | 101 |
| 3 | Making sense with TRP channels: store-operated calcium entry and the ion channel Trpm5 in taste receptor cells. <i>Cell Calcium</i> , 2003, 33, 541-549. | 2.4 | 83 |
| 4 | Chemoreception Regulates Chemical Access to Mouse Vomeronasal Organ: Role of Solitary Chemosensory Cells. <i>PLoS ONE</i> , 2010, 5, e11924. | 2.5 | 78 |
| 5 | Cholinergic microvillous cells in the mouse main olfactory epithelium and effect of acetylcholine on olfactory sensory neurons and supporting cells. <i>Journal of Neurophysiology</i> , 2011, 106, 1274-1287. | 1.8 | 69 |
| 6 | Acetylcholine Increases Intracellular Ca ²⁺ in Taste Cells Via Activation of Muscarinic Receptors. <i>Journal of Neurophysiology</i> , 2002, 87, 2643-2649. | 1.8 | 68 |
| 7 | Bitter Taste Transduction of Denatonium in the Mudpuppy <i>Necturus maculosus</i> . <i>Journal of Neuroscience</i> , 1997, 17, 3580-3587. | 3.6 | 67 |
| 8 | Skn-1a/Pou2f3 is required for the generation of Trpm5-expressing microvillous cells in the mouse main olfactory epithelium. <i>BMC Neuroscience</i> , 2014, 15, 13. | 1.9 | 67 |
| 9 | Taste Receptor Cell Responses to the Bitter Stimulus Denatonium Involve Ca ²⁺ Influx Via Store-Operated Channels. <i>Journal of Neurophysiology</i> , 2002, 87, 3152-3155. | 1.8 | 66 |
| 10 | Expression of P2Y 1 receptors in rat taste buds. <i>Histochemistry and Cell Biology</i> , 2004, 121, 419-426. | 1.7 | 54 |
| 11 | Automated measurement of nerve fiber density using line intensity scan analysis. <i>Journal of Neuroscience Methods</i> , 2012, 206, 165-175. | 2.5 | 44 |
| 12 | Immuno-localization of vesicular acetylcholine transporter in mouse taste cells and adjacent nerve fibers: indication of acetylcholine release. <i>Cell and Tissue Research</i> , 2007, 330, 17-28. | 2.9 | 30 |
| 13 | IP3-Independent Release of Ca ²⁺ From Intracellular Stores: A Novel Mechanism for Transduction of Bitter Stimuli. <i>Journal of Neurophysiology</i> , 1999, 82, 2657-2666. | 1.8 | 29 |
| 14 | Lack of TRPM5-Expressing Microvillous Cells in Mouse Main Olfactory Epithelium Leads to Impaired Odor-Evoked Responses and Olfactory-Guided Behavior in a Challenging Chemical Environment. <i>ENeuro</i> , 2017, 4, ENEURO.0135-17.2017. | 1.9 | 28 |
| 15 | Responses to Di-Sodium Guanosine 5'-Monophosphate and Monosodiuml-Glutamate in Taste Receptor Cells of Rat Fungiform Papillae. <i>Journal of Neurophysiology</i> , 2003, 89, 1434-1439. | 1.8 | 26 |
| 16 | An Effective Manual Deboning Method To Prepare Intact Mouse Nasal Tissue With Preserved Anatomical Organization. <i>Journal of Visualized Experiments</i> , 2013, , . | 0.3 | 26 |
| 17 | ATP and Odor Mixture Activate TRPM5-Expressing Microvillous Cells and Potentially Induce Acetylcholine Release to Enhance Supporting Cell Endocytosis in Mouse Main Olfactory Epithelium. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 71. | 3.7 | 25 |
| 18 | Acetylcholine and Acetylcholine Receptors in Taste Receptor Cells. <i>Chemical Senses</i> , 2005, 30, i41-i41. | 2.0 | 15 |

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|----|---|-----|-----------|
| 19 | Vagal gustatory reflex circuits for intraoral food sorting behavior in the goldfish: Cellular organization and neurotransmitters. <i>Journal of Comparative Neurology</i> , 2009, 516, 213-225. | 1.6 | 15 |
| 20 | Potential-dependent action of <i>Anemonia sulcata</i> toxins III and IV on sodium channels in crayfish giant axons. <i>Pflügers Archiv European Journal of Physiology</i> , 1988, 411, 88-93. | 2.8 | 13 |
| 21 | Increases in intracellular calcium via activation of potentially multiple phospholipase C isozymes in mouse olfactory neurons. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 336. | 3.7 | 9 |
| 22 | TRPM5-expressing Microvillous Cells Regulate Region-specific Cell Proliferation and Apoptosis During Chemical Exposure. <i>Neuroscience</i> , 2020, 434, 171-190. | 2.3 | 8 |
| 23 | Electronic Cigarette Liquid Constituents Induce Nasal and Tracheal Sensory Irritation in Mice in Regionally Dependent Fashion. <i>Nicotine and Tobacco Research</i> , 2020, 22, S35-S44. | 2.6 | 6 |
| 24 | Effects of histrionicotoxin derivatives on ion channels and acetylcholine receptor-channel complexes in bullfrog sympathetic ganglia. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1987, 88, 249-254. | 0.2 | 5 |
| 25 | Chemical Exposure-Induced Changes in the Expression of Neurotrophins and Their Receptors in the Main Olfactory System of Mice Lacking TRPM5-Expressing Microvillous Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2939. | 4.1 | 5 |
| 26 | Dichotomous Distribution of Putative Cholinergic Interneurons in Mouse Accessory Olfactory Bulb. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 10. | 1.7 | 4 |
| 27 | Respiratory inhibition by cyanide and salicylhydroxamic acid on the three species of <i>Paramecium</i> in stationary growth phase. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 80, 167-171. | 0.6 | 3 |
| 28 | Modification of the Peripheral Olfactory System by Electronic Cigarettes. , 2021, 11, 2621-2644. | | 2 |
| 29 | The membrane properties and Ca-currents of the trigeminal root ganglion cells in primary culture of the marine catfish, <i>Plotosus</i> , studied with whole-cell recordings. <i>Brain Research</i> , 1992, 597, 84-91. | 2.2 | 1 |
| 30 | Chloride current observed as calcium-gated tail current in trigeminal root ganglion neurons of the marine catfish, <i>Plotosus</i> . <i>Brain Research</i> , 1993, 621, 10-16. | 2.2 | 1 |
| 31 | Downstream Signaling Effectors for Umami Taste. <i>Chemical Senses</i> , 2005, 30, i31-i32. | 2.0 | 1 |
| 32 | Regulation of Vomeronasal Stimulus Access by Cholinergic Solitary Chemosensory Cells in Mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 177, 31-32. | 2.8 | 0 |
| 33 | Microvillous cell-mediated cholinergic regulation of physiological responses in mouse main olfactory epithelium. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 177, 300-301. | 2.8 | 0 |