# Tasuku Akiyama

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1031625/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 47 papers | 2,749 citations | 218677 26 h-index | 214800 47 g-index |
| 47 all docs | 47 docs citations | 47 times ranked | 2410 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | IL‚Â€23 modulates histamine‚Â€evoked itch and responses of pruriceptors in mice. Experimental Dermatology, 2020, 29, 1209-1215. | 2.9 | 7 |
| 2 | Low-Threshold Mechanosensitive VGLUT3-Lineage Sensory Neurons Mediate Spinal Inhibition of Itch by Touch. Journal of Neuroscience, 2020, 40, 7688-7701. | 3.6 | 11 |
| 3 | New insights into the mechanisms behind mechanical itch. Experimental Dermatology, 2020, 29, 680-686. | 2.9 | 11 |
| 4 | Antipruritic Effects of Janus Kinase Inhibitor Tofacitinib in a Mouse Model of Psoriasis. Acta Dermato-Venereologica, 2019, 99, 298-303. | 1.3 | 20 |
| 5 | Why does stress aggravate itch? A possible role of the amygdala. Experimental Dermatology, 2019, 28, 1439-1441. | 2.9 | 7 |
| 6 | Disinhibition of Touch-Evoked Itch in a Mouse Model of Psoriasis. Journal of Investigative Dermatology, 2019, 139, 1407-1410. | 0.7 | 15 |
| 7 | A Subpopulation of Amygdala Neurons Mediates the Affective Component of Itch. Journal of Neuroscience, 2019, 39, 3345-3356. | 3.6 | 48 |
| 8 | Alloknesis and hyperknesis‚Â€”mechanisms, assessment methodology, and clinical implications of itch sensitization. Pain, 2018, 159, 1185-1197. | 4.2 | 69 |
| 9 | The vicious cycle of itch and anxiety. Neuroscience and Biobehavioral Reviews, 2018, 87, 17-26. | 6.1 | 93 |
| 10 | Peripheral gabapentin regulates mosquito allergy-induced itch in mice. European Journal of Pharmacology, 2018, 833, 44-49. | 3.5 | 2 |
| 11 | Modulation of Itch by Localized Skin Warming and Cooling. Acta Dermato-Venereologica, 2018, 98, 855-861. | 1.3 | 12 |
| 12 | Effects of pruritogens and algogens on rostral ventromedial medullary ON and OFF cells. Journal of Neurophysiology, 2018, 120, 2156-2163. | 1.8 | 16 |
| 13 | Differing intrinsic biological properties between forebrain and spinal oligodendroglial lineage cells. Journal of Neurochemistry, 2017, 142, 378-391. | 3.9 | 12 |
| 14 | Innocuous warming enhances peripheral serotonergic itch signaling and evokes enhanced responses in serotonin-responsive dorsal horn neurons in the mouse. Journal of Neurophysiology, 2017, 117, 251-259. | 1.8 | 9 |
| 15 | Role of neurturin in spontaneous itch and increased nonpeptidergic intraepidermal fiber density in a mouse model of psoriasis. Pain, 2017, 158, 2196-2202. | 4.2 | 18 |
| 16 | Expression of Histidine Decarboxylase in the Epidermis of Primates with Chronic Itch. Acta Dermato-Venereologica, 2017, 97, 739-740. | 1.3 | 5 |
| 17 | Anatomical evidence of pruriceptive trigeminothalamic and trigeminoparabrachial projection neurons in mice. Journal of Comparative Neurology, 2016, 524, 244-256. | 1.6 | 28 |
| 18 | Mouse model of imiquimod-induced psoriatic itch. Pain, 2016, 157, 2536-2543. | 4.2 | 83 |

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|---|---|---|---|
| 19 | Central Mechanisms of Itch. Current Problems in Dermatology, 2016, 50, 11-17. | 0.7 | 37 |
| 20 | Involvement of TRPV4 in Serotonin-Evoked Scratching. Journal of Investigative Dermatology, 2016, 136, 154-160. | 0.7 | 114 |
| 21 | A central role for spinal dorsal horn neurons that express neurokinin-1 receptors in chronic itch. Pain, 2015, 156, 1240-1246. | 4.2 | 73 |
| 22 | Evaluation of the Synuclein-Î³ (SNCG) Gene as a PPARÎ³ Target in Murine Adipocytes, Dorsal Root Ganglia Somatosensory Neurons, and Human Adipose Tissue. PLoS ONE, 2015, 10, e0115830. | 2.5 | 8 |
| 23 | Nalfurafine Suppresses Pruritogen- and Touch-evoked Scratching Behavior in Models of Acute and Chronic Itch in Mice. Acta Dermato-Venereologica, 2015, 95, 147-150. | 1.3 | 31 |
| 24 | Intradermal endothelin-1 excites bombesin-responsive superficial dorsal horn neurons in the mouse. Journal of Neurophysiology, 2015, 114, 2528-2534. | 1.8 | 11 |
| 25 | Protease-Activated Receptors and Itch. Handbook of Experimental Pharmacology, 2015, 226, 219-235. | 1.8 | 45 |
| 26 | Role of spinal bombesin-responsive neurons in nonhistaminergic itch. Journal of Neurophysiology, 2014, 112, 2283-2289. | 1.8 | 18 |
| 27 | Behavioral model of itch, alloknesis, pain and allodynia in the lower hindlimb and correlative responses of lumbar dorsal horn neurons in the mouse. Neuroscience, 2014, 266, 38-46. | 2.3 | 23 |
| 28 | A sensory neuronâ€“expressed IL-31 receptor mediates TÂhelper cellâ€“dependent itch: Involvement of TRPV1 andÂTRPA1. Journal of Allergy and Clinical Immunology, 2014, 133, 448-460.e7. | 2.9 | 556 |
| 29 | Roles of glutamate, substance P, and gastrin-releasing peptide as spinal neurotransmitters of histaminergic and nonhistaminergic itch. Pain, 2014, 155, 80-92. | 4.2 | 89 |
| 30 | Neural peptidase endothelin-converting enzyme 1 regulates endothelin 1â€“induced pruritus. Journal of Clinical Investigation, 2014, 124, 2683-2695. | 8.2 | 81 |
| 31 | Roles for substance P and gastrin-releasing peptide as neurotransmitters released by primary afferent pruriceptors. Journal of Neurophysiology, 2013, 109, 742-748. | 1.8 | 54 |
| 32 | Neural processing of itch. Neuroscience, 2013, 250, 697-714. | 2.3 | 236 |
| 33 | Scratching inhibits serotonin-evoked responses of rat dorsal horn neurons in a site- and state-dependent manner. Neuroscience, 2013, 250, 275-281. | 2.3 | 9 |
| 34 | Frataxin Deficiency Leads to Defects in Expression of Antioxidants and Nrf2 Expression in Dorsal Root Ganglia of the Friedreich's Ataxia YG8R Mouse Model. Antioxidants and Redox Signaling, 2013, 19, 1481-1493. | 5.4 | 127 |
| 35 | Mouse Model of Touch-Evoked Itch (Alloknesis). Journal of Investigative Dermatology, 2012, 132, 1886-1891. | 0.7 | 90 |
| 36 | Cross-sensitization of histamine-independent itch in mouse primary sensory neurons. Neuroscience, 2012, 226, 305-312. | 2.3 | 37 |

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|---|---|---|---|
| 37 | Siteâ€dependent and stateâ€dependent inhibition of pruritogenâ€responsive spinal neurons by scratching. European Journal of Neuroscience, 2012, 36, 2311-2316. | 2.6 | 21 |
| 38 | Transmitters and Pathways Mediating Inhibition of Spinal Itch-Signaling Neurons by Scratching and Other Counterstimuli. PLoS ONE, 2011, 6, e22665. | 2.5 | 98 |
| 39 | Enhanced responses of lumbar superficial dorsal horn neurons to intradermal PAR-2 agonist but not histamine in a mouse hindpaw dry skin itch model. Journal of Neurophysiology, 2011, 105, 2811-2817. | 1.8 | 19 |
| 40 | Enhanced scratching evoked by PAR-2 agonist and 5-HT but not histamine in a mouse model of chronic dry skin itch. Pain, 2010, 151, 378-383. | 4.2 | 105 |
| 41 | Facial Injections of Pruritogens and Algogens Excite Partly Overlapping Populations of Primary and Second-Order Trigeminal Neurons in Mice. Journal of Neurophysiology, 2010, 104, 2442-2450. | 1.8 | 73 |
| 42 | Differential Itch- and Pain-related Behavioral Responses and Âμ-opoid Modulation in Mice. Acta Dermato-Venereologica, 2010, 90, 575-581. | 1.3 | 69 |
| 43 | Spontaneous itch in the absence of hyperalgesia in a mouse hindpaw dry skin model. Neuroscience Letters, 2010, 484, 62-65. | 2.1 | 32 |
| 44 | Activation of Superficial Dorsal Horn Neurons in the Mouse by a PAR-2 Agonist and 5-HT: Potential Role in Itch. Journal of Neuroscience, 2009, 29, 6691-6699. | 3.6 | 82 |
| 45 | Excitation of Mouse Superficial Dorsal Horn Neurons by Histamine and/or PAR-2 Agonist: Potential Role in Itch. Journal of Neurophysiology, 2009, 102, 2176-2183. | 1.8 | 56 |
| 46 | Scratching Behavior and Fos Expression in Superficial Dorsal Horn Elicited by Protease-Activated Receptor Agonists and Other Itch Mediators in Mice. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 945-951. | 2.5 | 74 |
| 47 | An Insatiable Itch. Journal of Pain, 2009, 10, 792-797. | 1.4 | 15 |