

Wenqin Luo

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,278
citations

331670

21
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361022

35
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44
all docs

44
docs citations

44
times ranked

2669
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | TRPC3 Antagonizes Pruritus in a Mouse Contact Dermatitis Model. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1136-1144. | 0.7 | 3 |
| 2 | Glutamate in primary afferents is required for itch transmission. <i>Neuron</i> , 2022, 110, 809-823.e5. | 8.1 | 18 |
| 3 | Measuring Mouse Somatosensory Reflexive Behaviors with High-Speed Videography, Statistical Modeling, and Machine Learning. <i>NeuroMethods</i> , 2022, , 441-456. | 0.3 | 1 |
| 4 | Nerve regrowth can be painful. <i>Nature</i> , 2022, 606, 32-33. | 27.8 | 1 |
| 5 | Macrophage regulator of G-protein signaling 12 contributes to inflammatory pain hypersensitivity. <i>Annals of Translational Medicine</i> , 2021, 9, 448-448. | 1.7 | 25 |
| 6 | MRGPRX4 in Cholestatic Pruritus. <i>Seminars in Liver Disease</i> , 2021, 41, 358-367. | 3.6 | 6 |
| 7 | Sneezing reflex is mediated by a peptidergic pathway from nose to brainstem. <i>Cell</i> , 2021, 184, 3762-3773.e10. | 28.9 | 33 |
| 8 | Lgr6 marks epidermal stem cells with a nerve-dependent role in wound re-epithelialization. <i>Cell Stem Cell</i> , 2021, 28, 1582-1596.e6. | 11.1 | 44 |
| 9 | The development of somatosensory neurons: Insights into pain and itch. <i>Current Topics in Developmental Biology</i> , 2021, 142, 443-475. | 2.2 | 4 |
| 10 | Ventral striatal islands of Calleja neurons control grooming in mice. <i>Nature Neuroscience</i> , 2021, 24, 1699-1710. | 14.8 | 25 |
| 11 | Aversive Learning Increases Release Probability of Olfactory Sensory Neurons. <i>Current Biology</i> , 2020, 30, 31-41.e3. | 3.9 | 16 |
| 12 | Facilitation of MrgprD by TRPA1 promotes neuropathic pain. <i>FASEB Journal</i> , 2019, 33, 1360-1373. | 0.5 | 55 |
| 13 | Development of a Mouse Pain Scale Using Sub-second Behavioral Mapping and Statistical Modeling. <i>Cell Reports</i> , 2019, 28, 1623-1634.e4. | 6.4 | 65 |
| 14 | Leaky expression of channelrhodopsin-2 (ChR2) in Ai32 mouse lines. <i>PLoS ONE</i> , 2019, 14, e0213326. | 2.5 | 10 |
| 15 | MRGPRX4 is a bile acid receptor for human cholestatic itch. <i>ELife</i> , 2019, 8, . | 6.0 | 86 |
| 16 | Olfactory inputs modulate respiration-related rhythmic activity in the prefrontal cortex and freezing behavior. <i>Nature Communications</i> , 2018, 9, 1528. | 12.8 | 121 |
| 17 | Characterization of retinal ganglion cell, horizontal cell, and amacrine cell types expressing the neurotrophic receptor tyrosine kinase Ret. <i>Journal of Comparative Neurology</i> , 2018, 526, 742-766. | 1.6 | 14 |
| 18 | Somatotopic organization of central arbors from nociceptive afferents develops independently of their intact peripheral target innervation. <i>Journal of Comparative Neurology</i> , 2018, 526, 3058-3065. | 1.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Roof Plate-Derived Radial Glial-like Cells Support Developmental Growth of Rapidly Adapting Mechanoreceptor Ascending Axons. <i>Cell Reports</i> , 2018, 23, 2928-2941. | 6.4 | 15 |
| 20 | TRPC3 Is Dispensable for \hat{I}^2 -Alanine Triggered Acute Itch. <i>Scientific Reports</i> , 2017, 7, 13869. | 3.3 | 14 |
| 21 | The Stem Cell Marker <i>Lgr5</i> Defines a Subset of Postmitotic Neurons in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2017, 37, 9403-9414. | 3.6 | 30 |
| 22 | Sparse genetic tracing reveals regionally specific functional organization of mammalian nociceptors. <i>ELife</i> , 2017, 6, . | 6.0 | 45 |
| 23 | The specification and wiring of mammalian cutaneous low-threshold mechanoreceptors. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2016, 5, 389-404. | 5.9 | 37 |
| 24 | A RET-ER81-NRG1 Signaling Pathway Drives the Development of Pacinian Corpuscles. <i>Journal of Neuroscience</i> , 2016, 36, 10337-10355. | 3.6 | 27 |
| 25 | Identification of Early RET+ Deep Dorsal Spinal Cord Interneurons in Gating Pain. <i>Neuron</i> , 2016, 91, 1137-1153. | 8.1 | 84 |
| 26 | Cis and trans RET signaling control the survival and central projection growth of rapidly adapting mechanoreceptors. <i>ELife</i> , 2015, 4, e06828. | 6.0 | 24 |
| 27 | Dual Innervation of Neonatal Merkel Cells in Mouse Touch Domes. <i>PLoS ONE</i> , 2014, 9, e92027. | 2.5 | 17 |
| 28 | The anatomy, function, and development of mammalian $A\hat{I}^2$ low-threshold mechanoreceptors. <i>Frontiers in Biology</i> , 2013, 8, 408-420. | 0.7 | 67 |
| 29 | Modality-Based Organization of Ascending Somatosensory Axons in the Direct Dorsal Column Pathway. <i>Journal of Neuroscience</i> , 2013, 33, 17691-17709. | 3.6 | 98 |
| 30 | EphrinB3/EphA4-Mediated Guidance of Ascending and Descending Spinal Tracts. <i>Neuron</i> , 2013, 80, 1407-1420. | 8.1 | 54 |
| 31 | The Majority of Dorsal Spinal Cord Gastrin Releasing Peptide is Synthesized Locally Whereas Neuromedin B is Highly Expressed in Pain- and Itch-Sensing Somatosensory Neurons. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-52. | 2.1 | 89 |
| 32 | The Functional Organization of Cutaneous Low-Threshold Mechanosensory Neurons. <i>Cell</i> , 2011, 147, 1615-1627. | 28.9 | 602 |
| 33 | Molecular Identification of Rapidly Adapting Mechanoreceptors and Their Developmental Dependence on Ret Signaling. <i>Neuron</i> , 2009, 64, 841-856. | 8.1 | 200 |
| 34 | A Hierarchical NGF Signaling Cascade Controls Ret-Dependent and Ret-Independent Events during Development of Nonpeptidergic DRG Neurons. <i>Neuron</i> , 2007, 54, 739-754. | 8.1 | 225 |
| 35 | An Outer Segment Localization Signal at the C Terminus of the Photoreceptor-Specific Retinol Dehydrogenase. <i>Journal of Neuroscience</i> , 2004, 24, 2623-2632. | 3.6 | 53 |
| 36 | Proximal and Distal Sequences Control UV Cone Pigment Gene Expression in Transgenic Zebrafish. <i>Journal of Biological Chemistry</i> , 2004, 279, 19286-19293. | 3.4 | 28 |