

jayaram Chandrashekar

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

13,111
citations

279701

23
h-index

526166

27
g-index

36
all docs

36
docs citations

36
times ranked

8087
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian Sweet Taste Receptors. <i>Cell</i> , 2001, 106, 381-390.	13.5	1,615
2	The receptors and cells for mammalian taste. <i>Nature</i> , 2006, 444, 288-294.	13.7	1,361
3	An amino-acid taste receptor. <i>Nature</i> , 2002, 416, 199-202.	13.7	1,335
4	T2Rs Function as Bitter Taste Receptors. <i>Cell</i> , 2000, 100, 703-711.	13.5	1,246
5	A Novel Family of Mammalian Taste Receptors. <i>Cell</i> , 2000, 100, 693-702.	13.5	1,202
6	Coding of Sweet, Bitter, and Umami Tastes. <i>Cell</i> , 2003, 112, 293-301.	13.5	1,154
7	The Receptors for Mammalian Sweet and Umami Taste. <i>Cell</i> , 2003, 115, 255-266.	13.5	1,143
8	The cells and logic for mammalian sour taste detection. <i>Nature</i> , 2006, 442, 934-938.	13.7	687
9	The cells and peripheral representation of sodium taste in mice. <i>Nature</i> , 2010, 464, 297-301.	13.7	550
10	The receptors and coding logic for bitter taste. <i>Nature</i> , 2005, 434, 225-229.	13.7	470
11	A platform for brain-wide imaging and reconstruction of individual neurons. <i>ELife</i> , 2016, 5, e10566.	2.8	355
12	Reconstruction of 1,000 Projection Neurons Reveals New Cell Types and Organization of Long-Range Connectivity in the Mouse Brain. <i>Cell</i> , 2019, 179, 268-281.e13.	13.5	352
13	The Taste of Carbonation. <i>Science</i> , 2009, 326, 443-445.	6.0	327
14	Distinct descending motor cortex pathways and their roles in movement. <i>Nature</i> , 2018, 563, 79-84.	13.7	320
15	Dissociable Structural and Functional Hippocampal Outputs via Distinct Subiculum Cell Classes. <i>Cell</i> , 2018, 173, 1280-1292.e18.	13.5	152
16	Whole-Brain Profiling of Cells and Circuits in Mammals by Tissue Clearing and Light-Sheet Microscopy. <i>Neuron</i> , 2020, 106, 369-387.	3.8	145
17	A repeated molecular architecture across thalamic pathways. <i>Nature Neuroscience</i> , 2019, 22, 1925-1935.	7.1	132
18	The neural representation of taste quality at the periphery. <i>Nature</i> , 2015, 517, 373-376.	13.7	123

#	ARTICLE	IF	CITATIONS
19	Topographic precision in sensory and motor corticostriatal projections varies across cell type and cortical area. <i>Nature Communications</i> , 2018, 9, 3549.	5.8	109
20	Long distance projections of cortical pyramidal neurons. <i>Journal of Neuroscience Research</i> , 2018, 96, 1467-1475.	1.8	89
21	Mapping the transcriptional diversity of genetically and anatomically defined cell populations in the mouse brain. <i>ELife</i> , 2019, 8, .	2.8	59
22	Brain microvasculature has a common topology with local differences in geometry that match metabolic load. <i>Neuron</i> , 2021, 109, 1168-1187.e13.	3.8	57
23	A hybrid open-top light-sheet microscope for versatile multi-scale imaging of cleared tissues. <i>Nature Methods</i> , 2022, 19, 613-619.	9.0	54
24	Single-neuron axonal reconstruction: The search for a wiring diagram of the brain. <i>Journal of Comparative Neurology</i> , 2019, 527, 2190-2199.	0.9	26
25	Reconstruction of 1,000 Projection Neurons Reveals New Cell Types and Organization of Long-Range Connectivity in the Mouse Brain. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1