

# Timothy S Mcclintock

## List of Publications by Year in descending order

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49  
papers

1,615  
citations

279701

23  
h-index

302012

39  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue expression patterns identify mouse cilia genes. <i>Physiological Genomics</i> , 2008, 32, 198-206.	1.0	121
2	Functional expression of olfactory-adrenergic receptor chimeras and intracellular retention of heterologously expressed olfactory receptors. <i>Molecular Brain Research</i> , 1997, 48, 270-278.	2.5	86
3	Differentially expressed transcripts from phenotypically identified olfactory sensory neurons. <i>Journal of Comparative Neurology</i> , 2005, 483, 251-262.	0.9	81
4	Olfactory Receptor Trafficking Involves Conserved Regulatory Steps. <i>Journal of Biological Chemistry</i> , 2001, 276, 7285-7290.	1.6	79
5	Trafficking prerogatives of olfactory receptors. <i>NeuroReport</i> , 2003, 14, 1547-1552.	0.6	76
6	Myonuclear transcription is responsive to mechanical load and DNA content but uncoupled from cell size during hypertrophy. <i>Molecular Biology of the Cell</i> , 2016, 27, 788-798.	0.9	73
7	Mouse olfactory sensory neurons express 10,000 genes. <i>Journal of Comparative Neurology</i> , 2007, 502, 1138-1156.	0.9	72
8	Truncation Releases Olfactory Receptors from the Endoplasmic Reticulum of Heterologous Cells. <i>Journal of Neurochemistry</i> , 2002, 72, 2301-2311.	2.1	64
9	Hyperpolarizing receptor potentials in lobster olfactory receptor cells: implications for transduction and mixture suppression. <i>Chemical Senses</i> , 1989, 14, 637-647.	1.1	63
10	Genomics of mature and immature olfactory sensory neurons. <i>Journal of Comparative Neurology</i> , 2012, 520, 2608-2629.	0.9	60
11	Axon growth and guidance genes identify nascent, immature, and mature olfactory sensory neurons. <i>Journal of Neuroscience Research</i> , 2010, 88, 3243-3256.	1.3	58
12	Emx2 Stimulates Odorant Receptor Gene Expression. <i>Chemical Senses</i> , 2008, 33, 825-837.	1.1	52
13	Transcriptional changes during neuronal death and replacement in the olfactory epithelium. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 90-107.	1.0	49
14	<i>In Vivo</i> Identification of Eugenol-Responsive and Muscone-Responsive Mouse Odorant Receptors. <i>Journal of Neuroscience</i> , 2014, 34, 15669-15678.	1.7	48
15	Inducible transcript expressed by reactive epithelial cells at sites of olfactory sensory neuron proliferation. <i>Journal of Neurobiology</i> , 2004, 58, 355-368.	3.7	46
16	Olfactory-enriched transcripts are cell-specific markers in the lobster olfactory organ. <i>Journal of Comparative Neurology</i> , 2003, 455, 125-138.	0.9	36
17	Gene expression and specificity in the mature zone of the lobster olfactory organ. <i>Physiological Genomics</i> , 2006, 25, 224-233.	1.0	33
18	Molecular events in the cell types of the olfactory epithelium during adult neurogenesis. <i>Molecular Brain</i> , 2013, 6, 49.	1.3	33

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19	Modulation of the combinatorial code of odorant receptor response patterns in odorant mixtures. <i>Molecular and Cellular Neurosciences</i> , 2020, 104, 103469.	1.0	33
20	Maturation of the Olfactory Sensory Neuron and Its Cilia. <i>Chemical Senses</i> , 2020, 45, 805-822.	1.1	32
21	Melanophore pigment dispersion responses to agonists show two patterns of sensitivity to inhibitors of cAMP-dependent protein kinase and protein kinase C. <i>Journal of Cellular Physiology</i> , 1996, 167, 1-7.	2.0	30
22	Molecular Cloning of a Lobster G $\hat{1}$ q Protein Expressed in Neurons of Olfactory Organ and Brain. <i>Journal of Neurochemistry</i> , 2002, 68, 2248-2254.	2.1	30
23	Uncx regulates proliferation of neural progenitor cells and neuronal survival in the olfactory epithelium. <i>Molecular and Cellular Neurosciences</i> , 2010, 45, 398-407.	1.0	28
24	Primary Culture of Lobster ( <i>Homarus americanus</i> ) Olfactory Sensory Neurons. <i>Chemical Senses</i> , 2004, 29, 179-187.	1.1	27
25	Activity-Dependent Genes in Mouse Olfactory Sensory Neurons. <i>Chemical Senses</i> , 2014, 39, 439-449.	1.1	25
26	A Lobster Phospholipase C- $\hat{1}$ 2 That Associates with G-Proteins in Response to Odorants. <i>Journal of Neuroscience</i> , 1999, 19, 4881-4888.	1.7	24
27	Molecular Cloning and Characterization of a Lobster G $\hat{1}$ s Protein Expressed in Neurons of Olfactory Organ and Brain. <i>Journal of Neurochemistry</i> , 1997, 69, 1793-1800.	2.1	24
28	Chemical stress induces the unfolded protein response in olfactory sensory neurons. <i>Journal of Comparative Neurology</i> , 2010, 518, 1825-1836.	0.9	24
29	Achieving Singularity in Mammalian Odorant Receptor Gene Choice. <i>Chemical Senses</i> , 2010, 35, 447-457.	1.1	23
30	Lhx2 Determines Odorant Receptor Expression Frequency in Mature Olfactory Sensory Neurons. <i>ENeuro</i> , 2016, 3, ENEURO.0230-16.2016.	0.9	21
31	Transcriptional changes during neuronal death and replacement in the olfactory epithelium. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 583-600.	1.0	19
32	Molecular cloning of a G-protein ai subunit from the lobster olfactory organ. <i>Molecular Brain Research</i> , 1992, 14, 273-276.	2.5	18
33	Activity-Dependent Gene Expression in the Mammalian Olfactory Epithelium. <i>Chemical Senses</i> , 2017, 42, 611-624.	1.1	18
34	Molecular cloning of a lobster G $\hat{2}$ subunit and G $\hat{2}$ expression in olfactory receptor neuron dendrites and brain neuropil. , 1998, 36, 525-536.		17
35	Lobster olfactory genomics. <i>Integrative and Comparative Biology</i> , 2006, 46, 940-947.	0.9	16
36	Mixture and Concentration Effects on Odorant Receptor Response Patterns In Vivo. <i>Chemical Senses</i> , 2020, 45, 429-438.	1.1	16

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37	Lobster GABA receptor subunit expressed in neural tissues. <i>Journal of Neuroscience Research</i> , 2000, 59, 534-541.	1.3	9
38	Lobster G-protein coupled receptor kinase that associates with membranes and G $\beta$ in response to odorants and neurotransmitters. , 1999, 415, 449-459.		8
39	Olfactory specific chymotrypsin-like serine protease from the aesthetasc tegumental gland of the lobster, <i>Homarus americanus</i> . <i>Cell and Tissue Research</i> , 2005, 322, 321-330.	1.5	8
40	A nuclear matrix attachment region is highly homologous to a conserved domain of olfactory receptors. <i>Journal of Molecular Neuroscience</i> , 1997, 9, 61-63.	1.1	5
41	Odorant Receptor Gene Choice. <i>Forum Qualitative Sozialforschung</i> , 2015, 16, 3-13.	0.0	5
42	High-throughput Expression Profiling Techniques. <i>Chemical Senses</i> , 2002, 27, 289-291.	1.1	4
43	Encoding the Odor of Cigarette Smoke. <i>Journal of Neuroscience</i> , 2020, 40, 7043-7053.	1.7	4
44	Neutral Sphingomyelinase 2 Mediates Oxidative Stress Effects on Astrocyte Senescence and Synaptic Plasticity Transcripts. <i>Molecular Neurobiology</i> , 2022, 59, 3233-3253.	1.9	4
45	Distribution of G-protein $\beta$ subunits and neurotransmitter activation of G $\beta$ i and G $\beta$ q in the brain of the lobster <i>Homarus americanus</i> . <i>Journal of Comparative Neurology</i> , 2000, 422, 402-414.	0.9	3
46	Human APOE $\epsilon$ 3 and APOE $\epsilon$ 4 Alleles Have Differential Effects on Mouse Olfactory Epithelium. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1481-1494.	1.2	3
47	Melanophore pigment dispersion responses to agonists show two patterns of sensitivity to inhibitors of cAMP-dependent protein kinase and protein kinase C. , 1996, 167, 1.		1
48	Understanding responses to chemical mixtures: looking forward from the past. <i>Chemical Senses</i> , 2022, 47, .	1.1	1
49	Mammalian Odorant Receptor Gene Regulation. , 2020, , 536-544.		0