James E Schwob

List of Publications by Year
in descending order

72 papers	4,699 citations	101384 36 h-index	110170 64 g-index
74 all docs	74 docs citations	74 times ranked	2803 citing authors

#	Article	IF	Citations
1	Neural regeneration and the peripheral olfactory system. The Anatomical Record, 2002, 269, 33-49.	2.3	446
2	Adult olfactory epithelium contains multipotent progenitors that give rise to neurons and non-neural cells. Journal of Comparative Neurology, 1998, 400, 469-486.	0.9	263
3	Reconstitution of the rat olfactory epithelium after methyl bromide-induced lesion. Journal of Comparative Neurology, 1995, 359, 15-37.	0.9	247
4	Anterior Distribution of Human Olfactory Epithelium. Laryngoscope, 2000, 110, 417-421.	1.1	235
5	Stem and progenitor cells of the mammalian olfactory epithelium: Taking poietic license. Journal of Comparative Neurology, 2017, 525, 1034-1054.	0.9	178
6	An immunochemical, ultrastructural, and developmental characterization of the horizontal basal cells of rat olfactory epithelium. Journal of Comparative Neurology, 1995, 363, 129-146.	0.9	177
7	Multipotency of purified, transplanted globose basal cells in olfactory epithelium. Journal of Comparative Neurology, 2004, 469, 457-474.	0.9	151
8	Notch3-Jagged signaling controls the pool of undifferentiated airway progenitors. Development (Cambridge), 2015, 142, 258-267.	1.2	151
9	The aging olfactory epithelium: Neurogenesis, response to damage, and odorant-induced activity. International Journal of Developmental Neuroscience, 1996, 14, 881-900.	0.7	143
10	Immunohistochemical characterization of human olfactory tissue. Laryngoscope, 2011, 121, 1687-1701.	1.1	140
11	Odorant Receptor Expression Patterns Are Restored in Lesion-Recovered Rat Olfactory Epithelium. Journal of Neuroscience, 2004, 24, 356-369.	1.7	134
12	Analysis of the Globose Basal Cell Compartment in Rat Olfactory Epithelium Using GBC-1, a New Monoclonal Antibody against Globose Basal Cells. Journal of Neuroscience, 1996, 16, 4005-4016.	1.7	120
13	Olfactory uptake of manganese requires DMT1 and is enhanced by anemia. FASEB Journal, 2007, 21, 223-230.	0.2	113
14	Globose basal cells are required for reconstitution of olfactory epithelium after methyl bromide lesion. Journal of Comparative Neurology, 2003, 460, 123-140.	0.9	103
15	Cell cycle of globose basal cells in rat olfactory epithelium. Developmental Dynamics, 1995, 203, 17-26.	0.8	102
16	Expression of Pax6 and Sox2 in adult olfactory epithelium. Journal of Comparative Neurology, 2010, 518, 4395-4418.	0.9	101
17	Retroviral lineage studies of the rat olfactory epithelium. Chemical Senses, 1994, 19, 671-682.	1.1	98
18	Reinnervation of the rat olfactory bulb after methyl bromide-induced lesion: Timing and extent of reinnervation. , 1999, 412, 439-457.		88

#	Article	IF	Citations
19	ÂNp63 Regulates Stem Cell Dynamics in the Mammalian Olfactory Epithelium. Journal of Neuroscience, 2011, 31, 8748-8759.	1.7	82
20	Transcription factor p63 controls the reserve status but not the stemness of horizontal basal cells in the olfactory epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5068-77.	3.3	72
21	Expression patterns of basic helix-loop-helix transcription factors define subsets of olfactory progenitor cells. Journal of Comparative Neurology, 2004, 479, 216-233.	0.9	71
22	Abnormalities of Axon Growth in Human Olfactory Mucosa. Laryngoscope, 2005, 115, 2144-2154.	1.1	71
23	Transplantation of multipotent progenitors from the adult olfactory epithelium. NeuroReport, 1998, 9, 1611-1617.	0.6	68
24	Injury Induces Endogenous Reprogramming and Dedifferentiation of Neuronal Progenitors to Multipotency. Cell Stem Cell, 2017, 21, 761-774.e5.	5.2	68
25	Long-term Follow-up of Surgically Treated Phantosmia. JAMA Otolaryngology, 2002, 128, 642.	1.5	59
26	Congenital Lack of Olfactory Ability. Annals of Otology, Rhinology and Laryngology, 1992, 101, 229-236.	0.6	58
27	Notch1 maintains dormancy of olfactory horizontal basal cells, a reserve neural stem cell. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5589-E5598.	3.3	58
28	Canonical Wnt signaling promotes the proliferation and neurogenesis of peripheral olfactory stem cells during postnatal development and adult regeneration. Journal of Cell Science, 2011, 124, 1553-1563.	1.2	54
29	Primary Cilia on Horizontal Basal Cells Regulate Regeneration of the Olfactory Epithelium. Journal of Neuroscience, 2015, 35, 13761-13772.	1.7	54
30	Progenitor cell capacity of NeuroD1â€expressing globose basal cells in the mouse olfactory epithelium. Journal of Comparative Neurology, 2011, 519, 3580-3596.	0.9	52
31	FGF2 suppresses neuronogenesis of a cell line derived from rat olfactory epithelium. Journal of Neurobiology, 1997, 33, 411-428.	3.7	47
32	Odorant receptor expression as a function of neuronal maturity in the adult rodent olfactory system. Journal of Comparative Neurology, 2003, 459, 209-222.	0.9	47
33	The Neuroregenerative Capacity of Olfactory Stem Cells Is Not Limitless: Implications for Aging. Journal of Neuroscience, 2018, 38, 6806-6824.	1.7	47
34	Immunohistochemical identification of discrete subsets of rat olfactory neurons and the glomeruli that they innervate. , 1997, 388, 415-434.		46
35	Global expression profiling of globose basal cells and neurogenic progression within the olfactory epithelium. Journal of Comparative Neurology, 2013, 521, 833-859.	0.9	44
36	International consensus statement on allergy and rhinology: Olfaction. International Forum of Allergy and Rhinology, 2022, 12, 327-680.	1.5	43

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37	On the formation of neuromata in the primtary olfactory projection. Journal of Comparative Neurology, 1994, 340, 361-380.	0.9	41
38	Ascl1 (Mash1) Knockout Perturbs Differentiation of Nonneuronal Cells in Olfactory Epithelium. PLoS ONE, 2012, 7, e51737.	1.1	41
39	Labelâ€retaining, quiescent globose basal cells are found in the olfactory epithelium. Journal of Comparative Neurology, 2014, 522, 731-749.	0.9	40
40	Identifying Treatments for Taste and Smell Disorders: Gaps and Opportunities. Chemical Senses, 2020, 45, 493-502.	1.1	32
41	Officeâ€based olfactory mucosa biopsies. International Forum of Allergy and Rhinology, 2016, 6, 646-653.	1.5	30
42	Activating a Reserve Neural Stem Cell Population InÂVitro Enables Engraftment and Multipotency after Transplantation. Stem Cell Reports, 2019, 12, 680-695.	2.3	29
43	Spatial Determination of Neuronal Diversification in the Olfactory Epithelium. Journal of Neuroscience, 2019, 39, 814-832.	1.7	29
44	Sox2 and Pax6 Play Counteracting Roles in Regulating Neurogenesis within the Murine Olfactory Epithelium. PLoS ONE, 2016, 11, e0155167.	1.1	28
45	Differential expression of the mammalian homologue of fasciclin II during olfactory development in vivo and in vitro. Journal of Comparative Neurology, 2004, 474, 438-452.	0.9	26
46	Nonintegrin laminin receptor precursor protein is expressed on olfactory stem and progenitor cells. Journal of Comparative Neurology, 2007, 502, 367-381.	0.9	25
47	Maintaining epitheliopoietic potency when culturing olfactory progenitors. Experimental Neurology, 2008, 214, 25-36.	2.0	25
48	The generation of olfactory epithelial neurospheres in vitro predicts engraftment capacity following transplantation in vivo. Experimental Neurology, 2011, 229, 308-323.	2.0	25
49	CanonicalNotchSignaling Directs the Fate of Differentiating Neurocompetent Progenitors in the Mammalian Olfactory Epithelium. Journal of Neuroscience, 2018, 38, 5022-5037.	1.7	25
50	Mechanisms of permanent loss of olfactory receptor neurons induced by the herbicide 2,6-dichlorobenzonitrile: Effects on stem cells and noninvolvement of acute induction of the inflammatory cytokine IL-6. Toxicology and Applied Pharmacology, 2013, 272, 598-607.	1.3	24
51	Dissecting LSD1â€Dependent Neuronal Maturation in the Olfactory Epithelium. Journal of Comparative Neurology, 2017, 525, 3391-3413.	0.9	24
52	The Biochemistry of Olfactory Neurons: Stages of Differentiation and Neuronal Subsets. , 1992, , 80-125.		24
53	Differential expression of components of the retinoic acid signaling pathway in the adult mouse olfactory epithelium. Journal of Comparative Neurology, 2012, 520, 3707-3726.	0.9	21
54	The Regeneration of P2 Olfactory Sensory Neurons Is Selectively Impaired Following Methyl Bromide Lesion. Chemical Senses, 2014, 39, 601-616.	1.1	21

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55	Restoring Olfaction: A View from the Olfactory Epithelium. Chemical Senses, 2005, 30, i131-i132.	1.1	20
56	Functional recovery of odor representations in regenerated sensory inputs to the olfactory bulb. Frontiers in Neural Circuits, 2013, 7, 207.	1.4	19
57	Altered epithelial density and expansion of bulbar projections of a discrete HSP70 immunoreactive subpopulation of rat olfactory receptor neurons in reconstituting olfactory epithelium following exposure to methyl bromide. Journal of Comparative Neurology, 2004, 469, 475-493.	0.9	17
58	Odorant identification and quality perception following methyl bromide-induced lesions of the olfactory epithelium.. Behavioral Neuroscience, 2006, 120, 1346-1355.	0.6	13
59	Integrated ageâ€related immunohistological changes occur in human olfactory epithelium and olfactory bulb. Journal of Comparative Neurology, 2022, 530, 2154-2175.	0.9	13
60	Matrix Metalloproteinase-9 and -2 Expression in the Olfactory Bulb Following Methyl Bromide Gas Exposure. Chemical Senses, 2010, 35, 655-661.	1.1	10
61	Mouse Cyp2g1 Gene: Promoter Structure and Tissue-Specific Expression of a Cyp2g1-LacZ Fusion Gene in Transgenic Mice. Archives of Biochemistry and Biophysics, 2001, 391, 127-136.	1.4	9
62	Manganese Uptake and Distribution in the Brain after Methyl Bromide-Induced Lesions in the Olfactory Epithelia. Toxicological Sciences, 2011, 120, 163-172.	1.4	9
63	Lysine-specific demethylase-1 (LSD1) is compartmentalized at nuclear chromocenters in early post-mitotic cells of the olfactory sensory neuronal lineage. Molecular and Cellular Neurosciences, 2016, 74, 58-70.	1.0	9
64	Replication of JC Virus DNA in the G144 Oligodendrocyte Cell Line Is Dependent Upon Akt. Journal of Virology, 2017, 91, .	1.5	6
65	Adult olfactory epithelium contains multipotent progenitors that give rise to neurons and non-neural cells. , 1998, 400, 469.		6
66	Stem Cells of the Adult Olfactory Epithelium. , 2012, , 201-222.		3
67	Lifespan of mature olfactory sensory neurons varies with location in the mouse olfactory epithelium and age of the animal. Journal of Comparative Neurology, 2022, 530, 2238-2251.	0.9	3
68	Regeneration of the Olfactory Epithelium. , 2020, , 565-590.		2
69	Rapid fluorescent vital imaging of olfactory epithelium. IScience, 2022, 25, 104222.	1.9	2
70	Label-retaining, quiescent globose basal cells are found in the olfactory epithelium. Journal of Comparative Neurology, 2014, 522, Spc1-Spc1.	0.9	1
71	A Group of Olfactory Receptor Alleles that Encode Full Length Proteins are Down-Regulated as Olfactory Sensory Neurons Mature. Scientific Reports, 2020, 10, 1781.	1.6	1
72	Dissecting LSD1-Dependent Neuronal Maturation in the Olfactory Epithelium. Journal of Comparative Neurology, 2017, 525, spc1-spc1.	0.9	0