

James E Schwob

List of Publications by Year in descending order

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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	International consensus statement on allergy and rhinology: Olfaction. International Forum of Allergy and Rhinology, 2022, 12, 327-680.	1.5	43
2	Rapid fluorescent vital imaging of olfactory epithelium. IScience, 2022, 25, 104222.	1.9	2
3	Integrated age-related immunohistological changes occur in human olfactory epithelium and olfactory bulb. Journal of Comparative Neurology, 2022, 530, 2154-2175.	0.9	13
4	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
5	Identifying Treatments for Taste and Smell Disorders: Gaps and Opportunities. Chemical Senses, 2020, 45, 493-502.	1.1	32
6	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
7	Regeneration of the Olfactory Epithelium. , 2020, , 565-590.		2
8	Activating a Reserve Neural Stem Cell Population In Vitro Enables Engraftment and Multipotency after Transplantation. Stem Cell Reports, 2019, 12, 680-695.	2.3	29
9	Spatial Determination of Neuronal Diversification in the Olfactory Epithelium. Journal of Neuroscience, 2019, 39, 814-832.	1.7	29
10	The Neuroregenerative Capacity of Olfactory Stem Cells Is Not Limitless: Implications for Aging. Journal of Neuroscience, 2018, 38, 6806-6824.	1.7	47
11	Canonical Notch Signaling Directs the Fate of Differentiating Neurocompetent Progenitors in the Mammalian Olfactory Epithelium. Journal of Neuroscience, 2018, 38, 5022-5037.	1.7	25
12	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
13	Dissecting LSD1-Dependent Neuronal Maturation in the Olfactory Epithelium. Journal of Comparative Neurology, 2017, 525, 3391-3413.	0.9	24
14	Replication of JC Virus DNA in the G144 Oligodendrocyte Cell Line Is Dependent Upon Akt. Journal of Virology, 2017, 91, .	1.5	6
15	Injury Induces Endogenous Reprogramming and Dedifferentiation of Neuronal Progenitors to Multipotency. Cell Stem Cell, 2017, 21, 761-774.e5.	5.2	68
16	Stem and progenitor cells of the mammalian olfactory epithelium: Taking poietic license. Journal of Comparative Neurology, 2017, 525, 1034-1054.	0.9	178
17	Dissecting LSD1-Dependent Neuronal Maturation in the Olfactory Epithelium. Journal of Comparative Neurology, 2017, 525, spc1-spc1.	0.9	0
18	Sox2 and Pax6 Play Counteracting Roles in Regulating Neurogenesis within the Murine Olfactory Epithelium. PLoS ONE, 2016, 11, e0155167.	1.1	28

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19	Office-based olfactory mucosa biopsies. International Forum of Allergy and Rhinology, 2016, 6, 646-653.	1.5	30
20	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
21	Notch3-Jagged signaling controls the pool of undifferentiated airway progenitors. Development (Cambridge), 2015, 142, 258-267.	1.2	151
22	Primary Cilia on Horizontal Basal Cells Regulate Regeneration of the Olfactory Epithelium. Journal of Neuroscience, 2015, 35, 13761-13772.	1.7	54
23	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
24	The Regeneration of P2 Olfactory Sensory Neurons Is Selectively Impaired Following Methyl Bromide Lesion. Chemical Senses, 2014, 39, 601-616.	1.1	21
25	Label-retaining, quiescent globose basal cells are found in the olfactory epithelium. Journal of Comparative Neurology, 2014, 522, Spc1-Spc1.	0.9	1
26	Label-retaining, quiescent globose basal cells are found in the olfactory epithelium. Journal of Comparative Neurology, 2014, 522, 731-749.	0.9	40
27	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
28	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
29	Functional recovery of odor representations in regenerated sensory inputs to the olfactory bulb. Frontiers in Neural Circuits, 2013, 7, 207.	1.4	19
30	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
31	Stem Cells of the Adult Olfactory Epithelium. , 2012, , 201-222.		3
32	Ascl1 (Mash1) Knockout Perturbs Differentiation of Nonneuronal Cells in Olfactory Epithelium. PLoS ONE, 2012, 7, e51737.	1.1	41
33	The generation of olfactory epithelial neurospheres in vitro predicts engraftment capacity following transplantation in vivo. Experimental Neurology, 2011, 229, 308-323.	2.0	25
34	Immunohistochemical characterization of human olfactory tissue. Laryngoscope, 2011, 121, 1687-1701.	1.1	140
35	Progenitor cell capacity of <i>NeuroD1</i> -expressing globose basal cells in the mouse olfactory epithelium. Journal of Comparative Neurology, 2011, 519, 3580-3596.	0.9	52
36	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

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37	Ânp63 Regulates Stem Cell Dynamics in the Mammalian Olfactory Epithelium. <i>Journal of Neuroscience</i> , 2011, 31, 8748-8759.	1.7	82
38	Manganese Uptake and Distribution in the Brain after Methyl Bromide-Induced Lesions in the Olfactory Epithelia. <i>Toxicological Sciences</i> , 2011, 120, 163-172.	1.4	9
39	Expression of Pax6 and Sox2 in adult olfactory epithelium. <i>Journal of Comparative Neurology</i> , 2010, 518, 4395-4418.	0.9	101
40	Matrix Metalloproteinase-9 and -2 Expression in the Olfactory Bulb Following Methyl Bromide Gas Exposure. <i>Chemical Senses</i> , 2010, 35, 655-661.	1.1	10
41	Maintaining epitheliopoietic potency when culturing olfactory progenitors. <i>Experimental Neurology</i> , 2008, 214, 25-36.	2.0	25
42	Olfactory uptake of manganese requires DMT1 and is enhanced by anemia. <i>FASEB Journal</i> , 2007, 21, 223-230.	0.2	113
43	Nonintegrin laminin receptor precursor protein is expressed on olfactory stem and progenitor cells. <i>Journal of Comparative Neurology</i> , 2007, 502, 367-381.	0.9	25
44	Odorant identification and quality perception following methyl bromide-induced lesions of the olfactory epithelium.. <i>Behavioral Neuroscience</i> , 2006, 120, 1346-1355.	0.6	13
45	Abnormalities of Axon Growth in Human Olfactory Mucosa. <i>Laryngoscope</i> , 2005, 115, 2144-2154.	1.1	71
46	Restoring Olfaction: A View from the Olfactory Epithelium. <i>Chemical Senses</i> , 2005, 30, i131-i132.	1.1	20
47	Odorant Receptor Expression Patterns Are Restored in Lesion-Recovered Rat Olfactory Epithelium. <i>Journal of Neuroscience</i> , 2004, 24, 356-369.	1.7	134
48	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. <i>Journal of Comparative Neurology</i> , 2004, 469, 475-493.	0.9	17
49	Multipotency of purified, transplanted globose basal cells in olfactory epithelium. <i>Journal of Comparative Neurology</i> , 2004, 469, 457-474.	0.9	151
50	Differential expression of the mammalian homologue of fasciclin II during olfactory development in vivo and in vitro. <i>Journal of Comparative Neurology</i> , 2004, 474, 438-452.	0.9	26
51	Expression patterns of basic helix-loop-helix transcription factors define subsets of olfactory progenitor cells. <i>Journal of Comparative Neurology</i> , 2004, 479, 216-233.	0.9	71
52	Odorant receptor expression as a function of neuronal maturity in the adult rodent olfactory system. <i>Journal of Comparative Neurology</i> , 2003, 459, 209-222.	0.9	47
53	Globose basal cells are required for reconstitution of olfactory epithelium after methyl bromide lesion. <i>Journal of Comparative Neurology</i> , 2003, 460, 123-140.	0.9	103
54	Long-term Follow-up of Surgically Treated Phantosmia. <i>JAMA Otolaryngology</i> , 2002, 128, 642.	1.5	59

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55	Neural regeneration and the peripheral olfactory system. <i>The Anatomical Record</i> , 2002, 269, 33-49.	2.3	446
56	Mouse Cyp2g1 Gene: Promoter Structure and Tissue-Specific Expression of a Cyp2g1-LacZ Fusion Gene in Transgenic Mice. <i>Archives of Biochemistry and Biophysics</i> , 2001, 391, 127-136.	1.4	9
57	Anterior Distribution of Human Olfactory Epithelium. <i>Laryngoscope</i> , 2000, 110, 417-421.	1.1	235
58	Reinnervation of the rat olfactory bulb after methyl bromide-induced lesion: Timing and extent of reinnervation. , 1999, 412, 439-457.		88
59	Adult olfactory epithelium contains multipotent progenitors that give rise to neurons and non-neural cells. <i>Journal of Comparative Neurology</i> , 1998, 400, 469-486.	0.9	263
60	Transplantation of multipotent progenitors from the adult olfactory epithelium. <i>NeuroReport</i> , 1998, 9, 1611-1617.	0.6	68
61	Adult olfactory epithelium contains multipotent progenitors that give rise to neurons and non-neural cells. , 1998, 400, 469.		6
62	Immunohistochemical identification of discrete subsets of rat olfactory neurons and the glomeruli that they innervate. , 1997, 388, 415-434.		46
63	FGF2 suppresses neuronogenesis of a cell line derived from rat olfactory epithelium. <i>Journal of Neurobiology</i> , 1997, 33, 411-428.	3.7	47
64	The aging olfactory epithelium: Neurogenesis, response to damage, and odorant-induced activity. <i>International Journal of Developmental Neuroscience</i> , 1996, 14, 881-900.	0.7	143
65	Analysis of the Globose Basal Cell Compartment in Rat Olfactory Epithelium Using GBC-1, a New Monoclonal Antibody against Globose Basal Cells. <i>Journal of Neuroscience</i> , 1996, 16, 4005-4016.	1.7	120
66	Cell cycle of globose basal cells in rat olfactory epithelium. <i>Developmental Dynamics</i> , 1995, 203, 17-26.	0.8	102
67	Reconstitution of the rat olfactory epithelium after methyl bromide-induced lesion. <i>Journal of Comparative Neurology</i> , 1995, 359, 15-37.	0.9	247
68	An immunochemical, ultrastructural, and developmental characterization of the horizontal basal cells of rat olfactory epithelium. <i>Journal of Comparative Neurology</i> , 1995, 363, 129-146.	0.9	177
69	Retroviral lineage studies of the rat olfactory epithelium. <i>Chemical Senses</i> , 1994, 19, 671-682.	1.1	98
70	On the formation of neuromata in the primary olfactory projection. <i>Journal of Comparative Neurology</i> , 1994, 340, 361-380.	0.9	41
71	Congenital Lack of Olfactory Ability. <i>Annals of Otology, Rhinology and Laryngology</i> , 1992, 101, 229-236.	0.6	58
72	The Biochemistry of Olfactory Neurons: Stages of Differentiation and Neuronal Subsets. , 1992, , 80-125.		24