

Sven Hendrix

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90
papers

5,031
citations

39
h-index

69
g-index

93
ext. papers

5,791
ext. citations

5.7
avg, IF

5.05
L-index

#	Paper	IF	Citations
90	A comprehensive guide for the accurate classification of murine hair follicles in distinct hair cycle stages. <i>Journal of Investigative Dermatology</i> , 2001 , 117, 3-15	4.3	882
89	A comprehensive guide for the recognition and classification of distinct stages of hair follicle morphogenesis. <i>Journal of Investigative Dermatology</i> , 1999 , 113, 523-32	4.3	411
88	The human hair follicle immune system: cellular composition and immune privilege. <i>British Journal of Dermatology</i> , 2000 , 142, 862-73	4	244
87	Active hair growth (anagen) is associated with angiogenesis. <i>Journal of Investigative Dermatology</i> , 2000 , 114, 909-16	4.3	171
86	Cyclic alopecia in Msx2 mutants: defects in hair cycling and hair shaft differentiation. <i>Development (Cambridge)</i> , 2003 , 130, 379-89	6.6	133
85	The role of T helper cells in neuroprotection and regeneration. <i>Journal of Neuroimmunology</i> , 2007 , 184, 100-12	3.5	129
84	Human beta defensin-1 and -2 expression in human pilosebaceous units: upregulation in acne vulgaris lesions. <i>Journal of Investigative Dermatology</i> , 2001 , 117, 1120-5	4.3	118
83	Generation and cyclic remodeling of the hair follicle immune system in mice. <i>Journal of Investigative Dermatology</i> , 1998 , 111, 7-18	4.3	108
82	MHCII-independent CD4+ T cells protect injured CNS neurons via IL-4. <i>Journal of Clinical Investigation</i> , 2015 , 125, 699-714	15.9	105
81	Stress exposure modulates peptidergic innervation and degranulates mast cells in murine skin. <i>Brain, Behavior, and Immunity</i> , 2005 , 19, 252-62	16.6	94
80	A guide to assessing damage response pathways of the hair follicle: lessons from cyclophosphamide-induced alopecia in mice. <i>Journal of Investigative Dermatology</i> , 2005 , 125, 42-51	4.3	87
79	Clusters of perifollicular macrophages in normal murine skin: physiological degeneration of selected hair follicles by programmed organ deletion. <i>Journal of Histochemistry and Cytochemistry</i> , 1998 , 46, 361-70	3.4	81
78	Immunology of the hair follicle: a short journey into terra incognita. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999 , 4, 226-34	1.1	79
77	C3 peptide enhances recovery from spinal cord injury by improved regenerative growth of descending fiber tracts. <i>Journal of Cell Science</i> , 2010 , 123, 1652-62	5.3	77
76	Patterns of proliferation and apoptosis during murine hair follicle morphogenesis. <i>Journal of Investigative Dermatology</i> , 2001 , 116, 947-55	4.3	73
75	Chronobiology of the hair follicle: hunting the "hair cycle clock". <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999 , 4, 338-45	1.1	70
74	AT2-receptor stimulation enhances axonal plasticity after spinal cord injury by upregulating BDNF expression. <i>Neurobiology of Disease</i> , 2013 , 51, 177-91	7.5	69

73	Towards defining the pathogenesis of the hairless phenotype. <i>Journal of Investigative Dermatology</i> , 1998 , 110, 902-7	4.3	69
72	The role of "anti-inflammatory" cytokines in axon regeneration. <i>Cytokine and Growth Factor Reviews</i> , 2013 , 24, 1-12	17.9	68
71	Developmental timing of hair follicle and dorsal skin innervation in mice. <i>Journal of Comparative Neurology</i> , 2002 , 448, 28-52	3.4	68
70	The role of mast cells in neuroinflammation. <i>Acta Neuropathologica</i> , 2013 , 125, 637-50	14.3	66
69	E- and P-cadherin expression during murine hair follicle morphogenesis and cycling. <i>Experimental Dermatology</i> , 1999 , 8, 237-46	4	62
68	Mast cell-driven skin inflammation is impaired in the absence of sensory nerves. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 955-61	11.5	61
67	Mast cells as protectors of health. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, S4-S18	11.5	54
66	Local immune response to food antigens drives meal-induced abdominal pain. <i>Nature</i> , 2021 , 590, 151-156	6.4	53
65	The cytokine/neurotrophin axis in peripheral axon outgrowth. <i>European Journal of Neuroscience</i> , 2006 , 24, 2721-30	3.5	52
64	Distinct patterns of NCAM expression are associated with defined stages of murine hair follicle morphogenesis and regression. <i>Journal of Histochemistry and Cytochemistry</i> , 1998 , 46, 1401-10	3.4	51
63	Immunopharmacological intervention for successful neural stem cell therapy: New perspectives in CNS neurogenesis and repair. <i>Pharmacology & Therapeutics</i> , 2014 , 141, 21-31	13.9	48
62	Methylprednisolone attenuates hypothermia- and rewarming-induced cytotoxicity and IL-6 release in isolated primary astrocytes, neurons and BV-2 microglia cells. <i>Neuroscience Letters</i> , 2006 , 404, 309-14	3.3	47
61	Cell-Based Delivery of Interleukin-13 Directs Alternative Activation of Macrophages Resulting in Improved Functional Outcome after Spinal Cord Injury. <i>Stem Cell Reports</i> , 2016 , 7, 1099-1115	8	47
60	Interleukin-13 immune gene therapy prevents CNS inflammation and demyelination via alternative activation of microglia and macrophages. <i>Glia</i> , 2016 , 64, 2181-2200	9	47
59	New roles for glial cell line-derived neurotrophic factor and neurturin: involvement in hair cycle control. <i>American Journal of Pathology</i> , 2000 , 156, 1041-53	5.8	46
58	Neurotrophins act as neuroendocrine regulators of skin homeostasis in health and disease. <i>Hormone and Metabolic Research</i> , 2007 , 39, 110-24	3.1	45
57	CNS-irrelevant T-cells enter the brain, cause blood-brain barrier disruption but no glial pathology. <i>European Journal of Neuroscience</i> , 2007 , 26, 1387-98	3.5	44
56	Absence of IL-1β positively affects neurological outcome, lesion development and axonal plasticity after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2013 , 10, 6	10.1	43

55	A 29-amino acid fragment of Clostridium botulinum C3 protein enhances neuronal outgrowth, connectivity, and reinnervation. <i>FASEB Journal</i> , 2009 , 23, 1115-26	0.9	43
54	Overexpression of Bcl-2 protects from ultraviolet B-induced apoptosis but promotes hair follicle regression and chemotherapy-induced alopecia. <i>American Journal of Pathology</i> , 2000 , 156, 1395-405	5.8	43
53	Mast cells protect from post-traumatic brain inflammation by the mast cell-specific chymase mouse mast cell protease-4. <i>FASEB Journal</i> , 2013 , 27, 920-9	0.9	41
52	Contrasting localization of c-Myc with other Myc superfamily transcription factors in the human hair follicle and during the hair growth cycle. <i>Journal of Investigative Dermatology</i> , 2001 , 116, 617-22	4.3	40
51	Nerve growth factor partially recovers inflamed skin from stress-induced worsening in allergic inflammation. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 735-43	4.3	39
50	Mast cells protect from post-traumatic spinal cord damage in mice by degrading inflammation-associated cytokines via mouse mast cell protease 4. <i>Neurobiology of Disease</i> , 2014 , 62, 260-72	7.5	38
49	What do students actually do during a dissection course? First steps towards understanding a complex learning experience. <i>Academic Medicine</i> , 2007 , 82, 989-95	3.9	36
48	Skin and hair follicle innervation in experimental models: a guide for the exact and reproducible evaluation of neuronal plasticity. <i>Experimental Dermatology</i> , 2008 , 17, 214-27	4	34
47	Functional role of beta 1 integrin-mediated signalling in the human hair follicle. <i>Experimental Cell Research</i> , 2008 , 314, 498-508	4.2	32
46	Nerve growth factor and its precursor differentially regulate hair cycle progression in mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2006 , 54, 275-88	3.4	32
45	S100B modulates IL-6 release and cytotoxicity from hypothermic brain cells and inhibits hypothermia-induced axonal outgrowth. <i>Neuroscience Research</i> , 2007 , 59, 68-73	2.9	31
44	Neuronal plasticity and neuroregeneration in the skin – the role of inflammation. <i>Journal of Neuroimmunology</i> , 2007 , 184, 113-26	3.5	30
43	Limitations of human occipital scalp hair follicle organ culture for studying the effects of minoxidil as a hair growth enhancer. <i>Experimental Dermatology</i> , 2004 , 13, 635-42	4	30
42	Hair follicle apoptosis and Bcl-2. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999 , 4, 272-7	1.1	30
41	Interleukin-1 beta and neurotrophin-3 synergistically promote neurite growth in vitro. <i>Journal of Neuroinflammation</i> , 2011 , 8, 183	10.1	28
40	Green-fluorescent-protein-expressing mice as models for the study of axonal growth and regeneration in vitro. <i>Brain Research Reviews</i> , 2006 , 52, 160-9		27
39	The majority of brain mast cells in B10.PL mice is present in the hippocampal formation. <i>Neuroscience Letters</i> , 2006 , 392, 174-7	3.3	27
38	Late blocking of peripheral TNF- β s ineffective after spinal cord injury in mice. <i>Immunobiology</i> , 2013 , 218, 281-4	3.4	26

37	Hypothermia-induced neurite outgrowth is mediated by tumor necrosis factor-alpha. <i>Brain Pathology</i> , 2010 , 20, 771-9	6	26
36	CD36-mediated uptake of myelin debris by macrophages and microglia reduces neuroinflammation. <i>Journal of Neuroinflammation</i> , 2020 , 17, 224	10.1	26
35	Pro-inflammatory cytokines upregulate the skin immunoreactivity for NGF, NT-3, NT-4 and their receptor, p75NTR in vivo: a preliminary report. <i>Archives of Dermatological Research</i> , 2005 , 296, 580-4	3.3	25
34	Ectopic expression of c-Myc in the skin affects the hair growth cycle and causes an enlargement of the sebaceous gland. <i>British Journal of Dermatology</i> , 2005 , 152, 1125-33	4	23
33	Intracerebral transplantation of interleukin 13-producing mesenchymal stem cells limits microgliosis, oligodendrocyte loss and demyelination in the cuprizone mouse model. <i>Journal of Neuroinflammation</i> , 2016 , 13, 288	10.1	23
32	Neuroimmune communication in skin: far from peripheral. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 260-1	4.3	22
31	Intercellular adhesion molecule-1 and hair follicle regression. <i>Journal of Histochemistry and Cytochemistry</i> , 2000 , 48, 557-68	3.4	22
30	Oncostatin M reduces lesion size and promotes functional recovery and neurite outgrowth after spinal cord injury. <i>Molecular Neurobiology</i> , 2014 , 50, 1142-51	6.2	21
29	Macrophage/microglia activation factor expression is restricted to lesion-associated microglial cells after brain trauma. <i>Glia</i> , 2006 , 53, 412-9	9	20
28	Contrasting expression patterns of CCAAT/enhancer-binding protein transcription factors in the hair follicle and at different stages of the hair growth cycle. <i>Journal of Investigative Dermatology</i> , 2002 , 118, 17-24	4.3	20
27	ADAM17 is a survival factor for microglial cells in vitro and in vivo after spinal cord injury in mice. <i>Cell Death and Disease</i> , 2013 , 4, e954	9.8	19
26	Mast cells promote scar remodeling and functional recovery after spinal cord injury via mouse mast cell protease 6. <i>FASEB Journal</i> , 2016 , 30, 2040-57	0.9	18
25	Adrenomedullin: expression and possible role in human skin and hair growth. <i>British Journal of Dermatology</i> , 2003 , 148, 30-8	4	18
24	In Vivo Interleukin-13-Primed Macrophages Contribute to Reduced Alloantigen-Specific T Cell Activation and Prolong Immunological Survival of Allogeneic Mesenchymal Stem Cell Implants. <i>Stem Cells</i> , 2016 , 34, 1971-84	5.8	16
23	Both Whistleblowers and the Scientists They Accuse Are Vulnerable and Deserve Protection. <i>Accountability in Research</i> , 2017 , 24, 359-366	1.9	15
22	In vitro and in vivo neuronal electrotaxis: a potential mechanism for restoration?. <i>Molecular Neurobiology</i> , 2014 , 49, 1005-16	6.2	15
21	Minimal essential length of Clostridium botulinum C3 peptides to enhance neuronal regenerative growth and connectivity in a non-enzymatic mode. <i>Journal of Neurochemistry</i> , 2012 , 120, 1084-96	6	15
20	The Next Generation of Biomarker Research in Spinal Cord Injury. <i>Molecular Neurobiology</i> , 2017 , 54, 1487-1499	14	14

19	Acknowledging tissue donation: Human cadaveric specimens in musculoskeletal research. <i>Clinical Anatomy</i> , 2016 , 29, 65-9	2.5	14
18	Evaluating rodent motor functions: Which tests to choose?. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 83, 298-312	9	12
17	Long-Term Motor Deficits after Controlled Cortical Impact in Rats Can Be Detected by Fine Motor Skill Tests but Not by Automated Gait Analysis. <i>Journal of Neurotrauma</i> , 2017 , 34, 505-516	5.4	12
16	Mouse mast cell protease 4 suppresses scar formation after traumatic spinal cord injury. <i>Scientific Reports</i> , 2019 , 9, 3715	4.9	11
15	Macrophage phagocytosis after spinal cord injury: when friends become foes. <i>Brain</i> , 2021 , 144, 2933-2945	15.2	11
14	Differential regulation of axon outgrowth and reinnervation by neurotrophin-3 and neurotrophin-4 in the hippocampal formation. <i>Experimental Brain Research</i> , 2010 , 205, 215-21	2.3	10
13	HDAC3 Inhibition Promotes Alternative Activation of Macrophages but Does Not Affect Functional Recovery after Spinal Cord Injury. <i>Experimental Neurobiology</i> , 2018 , 27, 437-452	4	10
12	Antibody profiling identifies novel antigenic targets in spinal cord injury patients. <i>Journal of Neuroinflammation</i> , 2016 , 13, 243	10.1	9
11	The β -Adrenoceptor Agonist Terbutaline Stimulates Angiogenesis via Akt and ERK Signaling. <i>Journal of Cellular Physiology</i> , 2017 , 232, 298-308	7	8
10	Interleukin-25 is detrimental for recovery after spinal cord injury in mice. <i>Journal of Neuroinflammation</i> , 2016 , 13, 101	10.1	8
9	ADAM17-deficiency on microglia but not on macrophages promotes phagocytosis and functional recovery after spinal cord injury. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 129-145	16.6	5
8	Basophils are dispensable for the recovery of gross locomotion after spinal cord hemisection injury. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 579-82	6.5	4
7	Alpha-adrenoceptor modulation in central nervous system trauma: pain, spasms, and paralysis--an unlucky triad. <i>Medicinal Research Reviews</i> , 2015 , 35, 653-77	14.4	4
6	Motor cortex stimulation does not lead to functional recovery after experimental cortical injury in rats. <i>Restorative Neurology and Neuroscience</i> , 2017 , 35, 295-305	2.8	3
5	Stress Pathway Modulation Is Detrimental or Ineffective for Functional Recovery after Spinal Cord Injury in Mice. <i>Journal of Neurotrauma</i> , 2020 , 37, 564-571	5.4	3
4	Murine induced pluripotent stem cell-derived neuroimmune cell culture models emphasize opposite immune-effector functions of interleukin 13-primed microglia and macrophages in terms of neuroimmune toxicity. <i>Glia</i> , 2021 , 69, 326-345	9	3
3	HDAC8 Inhibition Reduces Lesional Iba-1+ Cell Infiltration after Spinal Cord Injury without Effects on Functional Recovery. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
2	Macrophage-based delivery of interleukin-13 improves functional and histopathological outcomes following spinal cord injury.. <i>Journal of Neuroinflammation</i> , 2022 , 19, 102	10.1	0

- 1 Regeneration After CNS Lesion: Help from the Immune System? **2010**, 209-232