Sven Hendrix

List of Publications by Year
in descending order

92	6,429	42	78
papers	citations	h-index	g-index
		66336	66906

93	93	93	6945
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comprehensive Guide for the Accurate Classification of Murine Hair Follicles in Distinct Hair Cycle Stages. Journal of Investigative Dermatology, 2001, 117, 3-15.	0.7	1,129
2	A Comprehensive Guide for the Recognition and Classification of Distinct Stages of Hair Follicle Morphogenesis. Journal of Investigative Dermatology, 1999, 113, 523-532.	0.7	501
3	The human hair follicle immune system: cellular composition and immune privilege. British Journal of Dermatology, 2000, 142, 862-873.	1.5	305
4	Active Hair Growth (Anagen) is Associated with Angiogenesis. Journal of Investigative Dermatology, 2000, 114, 909-916.	0.7	215
5	MHCII-independent CD4+ T cells protect injured CNS neurons via IL-4. Journal of Clinical Investigation, 2015, 125, 699-714.	8.2	161
6	Local immune response to food antigens drives meal-induced abdominal pain. Nature, 2021, 590, 151-156.	27.8	153
7	The role of T helper cells in neuroprotection and regeneration. Journal of Neuroimmunology, 2007, 184, 100-112.	2.3	145
8	Human Î² Defensin-1 and -2 Expression in Human Pilosebaceous Units: Upregulation in Acne Vulgaris Lesions. Journal of Investigative Dermatology, 2001, 117, 1120-1125.	0.7	144
9	`Cyclic alopecia' inMsx2mutants: defects in hair cycling and hair shaft differentiation. Development (Cambridge), 2003, 130, 379-389.	2.5	141
10	Generation and Cyclic Remodeling of the Hair Follicle Immune System in Mice. Journal of Investigative Dermatology, 1998, 111, 7-18.	0.7	130
11	Stress exposure modulates peptidergic innervation and degranulates mast cells in murine skin. Brain, Behavior, and Immunity, 2005, 19, 252-262.	4.1	109
12	A Guide to Assessing Damage Response Pathways of the Hair Follicle: Lessons From Cyclophosphamide-Induced Alopecia in Mice. Journal of Investigative Dermatology, 2005, 125, 42-51.	0.7	108
13	Immunology of the Hair Follicle: A Short Journey into terra incognita. Journal of Investigative Dermatology Symposium Proceedings, 1999, 4, 226-234.	0.8	105
14	C3 peptide enhances recovery from spinal cord injury by improved regenerative growth of descending fiber tracts. Journal of Cell Science, 2010, 123, 1652-1662.	2.0	98
15	Clusters of Perifollicular Macrophages in Normal Murine Skin: Physiological Degeneration of Selected Hair Follicles by Programmed Organ Deletion. Journal of Histochemistry and Cytochemistry, 1998, 46, 361-370.	2.5	95
16	The role of â€œanti-inflammatoryâ€•cytokines in axon regeneration. Cytokine and Growth Factor Reviews, 2013, 24, 1-12.	7.2	88
17	Mast cells as protectors of health. Journal of Allergy and Clinical Immunology, 2019, 144, S4-S18.	2.9	88
18	Patterns of Proliferation and Apoptosis during Murine Hair Follicle Morphogenesis. Journal of Investigative Dermatology, 2001, 116, 947-955.	0.7	83

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19	Chronobiology of the Hair Follicle: Hunting the â€œHair Cycle Clockâ€. Journal of Investigative Dermatology Symposium Proceedings, 1999, 4, 338-345.	0.8	82
20	CD36-mediated uptake of myelin debris by macrophages and microglia reduces neuroinflammation. Journal of Neuroinflammation, 2020, 17, 224.	7.2	82
21	AT2-receptor stimulation enhances axonal plasticity after spinal cord injury by upregulating BDNF expression. Neurobiology of Disease, 2013, 51, 177-191.	4.4	81
22	Towards Defining the Pathogenesis of the Hairless Phenotype. Journal of Investigative Dermatology, 1998, 110, 902-907.	0.7	79
23	Developmental timing of hair follicle and dorsal skin innervation in mice. Journal of Comparative Neurology, 2002, 448, 28-52.	1.6	77
24	The role of mast cells in neuroinflammation. Acta Neuropathologica, 2013, 125, 637-650.	7.7	76
25	Mast cellâ€"driven skin inflammation is impaired in the absence of sensory nerves. Journal of Allergy and Clinical Immunology, 2008, 121, 955-961.	2.9	75
26	Eâ€•and Pâ€cadherin expression during murine hair follicle morphogenesis and cycling. Experimental Dermatology, 1999, 8, 237-246.	2.9	66
27	Cell-Based Delivery of Interleukin-13 Directs Alternative Activation ofÂMacrophages Resulting in Improved Functional Outcome afterÂSpinalÂCordÂInjury. Stem Cell Reports, 2016, 7, 1099-1115.	4.8	65
28	Absence of IL-1Î² positively affects neurological outcome, lesion development and axonal plasticity after spinal cord injury. Journal of Neuroinflammation, 2013, 10, 6.	7.2	62
29	Immunopharmacological intervention for successful neural stem cell therapy: New perspectives in CNS neurogenesis and repair. , 2014, 141, 21-31.		60
30	Macrophage phagocytosis after spinal cord injury: when friends become foes. Brain, 2021, 144, 2933-2945.	7.6	59
31	The cytokine/neurotrophin axis in peripheral axon outgrowth. European Journal of Neuroscience, 2006, 24, 2721-2730.	2.6	58
32	Distinct Patterns of NCAM Expression Are Associated with Defined Stages of Murine Hair Follicle Morphogenesis and Regression. Journal of Histochemistry and Cytochemistry, 1998, 46, 1401-1409.	2.5	57
33	Neurotrophins Act as Neuroendocrine Regulators of Skin Homeostasis in Health and Disease. Hormone and Metabolic Research, 2007, 39, 110-124.	1.5	54
34	Interleukin-13 immune gene therapy prevents CNS inflammation and demyelination via alternative activation of microglia and macrophages. Glia, 2016, 64, 2181-2200.	4.9	53
35	New Roles for Glial Cell Line-Derived Neurotrophic Factor and Neurturin. American Journal of Pathology, 2000, 156, 1041-1053.	3.8	50
36	Mast cells protect from post-traumatic spinal cord damage in mice by degrading inflammation-associated cytokines via mouse mast cell protease 4. Neurobiology of Disease, 2014, 62, 260-272.	4.4	50

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37	Overexpression of Bcl-2 Protects from Ultraviolet B-Induced Apoptosis but Promotes Hair Follicle Regression and Chemotherapy-Induced Alopecia. American Journal of Pathology, 2000, 156, 1395-1405.	3.8	49
38	Methylprednisolone attenuates hypothermia- and rewarming-induced cytotoxicity and IL-6 release in isolated primary astrocytes, neurons and BV-2 microglia cells. Neuroscience Letters, 2006, 404, 309-314.	2.1	48
39	CNSâ€irrelevant Tâ€cells enter the brain, cause bloodâ€"brain barrier disruption but no glial pathology. European Journal of Neuroscience, 2007, 26, 1387-1398.	2.6	48
40	Mast cells protect from postâ€traumatic brain inflammation by the mast cellâ€specific chymase <i>mouse mast cell proteaseâ€4</i>. FASEB Journal, 2013, 27, 920-929.	0.5	48
41	A 29â€amino acid fragment of <i>Clostridium botulinum</i> C3 protein enhances neuronal outgrowth, connectivity, and reinnervation. FASEB Journal, 2009, 23, 1115-1126.	0.5	47
42	Nerve Growth Factor Partially Recovers Inflamed Skin from Stress-Induced Worsening in Allergic Inflammation. Journal of Investigative Dermatology, 2011, 131, 735-743.	0.7	47
43	Contrasting Localization of c-Myc with Other Myc Superfamily Transcription Factors in the Human Hair Follicle and During the Hair Growth Cycle. Journal of Investigative Dermatology, 2001, 116, 617-622.	0.7	45
44	What Do Students Actually Do during a Dissection Course? First Steps towards Understanding a Complex Learning Experience. Academic Medicine, 2007, 82, 989-995.	1.6	44
45	Skin and hair follicle innervation in experimental models: a guide for the exact and reproducible evaluation of neuronal plasticity. Experimental Dermatology, 2008, 17, 214-227.	2.9	41
46	Hair Follicle Apoptosis and Bcl-2. Journal of Investigative Dermatology Symposium Proceedings, 1999, 4, 272-277.	0.8	40
47	Interleukin-1 beta and neurotrophin-3 synergistically promote neurite growth in vitro. Journal of Neuroinflammation, 2011, 8, 183.	7.2	38
48	Nerve Growth Factor and its Precursor Differentially Regulate Hair Cycle Progression in Mice. Journal of Histochemistry and Cytochemistry, 2006, 54, 275-288.	2.5	37
49	Functional role of Î²1 integrin-mediated signalling in the human hair follicle. Experimental Cell Research, 2008, 314, 498-508.	2.6	35
50	S100B modulates IL-6 release and cytotoxicity from hypothermic brain cells and inhibits hypothermia-induced axonal outgrowth. Neuroscience Research, 2007, 59, 68-73.	1.9	34
51	Intracerebral transplantation of interleukin 13-producing mesenchymal stem cells limits microgliosis, oligodendrocyte loss and demyelination in the cuprizone mouse model. Journal of Neuroinflammation, 2016, 13, 288.	7.2	34
52	Neuronal plasticity and neuroregeneration in the skin â€" The role of inflammation. Journal of Neuroimmunology, 2007, 184, 113-126.	2.3	33
53	Oncostatin M Reduces Lesion Size and Promotes Functional Recovery and Neurite Outgrowth After Spinal Cord Injury. Molecular Neurobiology, 2014, 50, 1142-1151.	4.0	33
54	Limitations of human occipital scalp hair follicle organ culture for studying the effects of minoxidil as a hair growth enhancer. Experimental Dermatology, 2004, 13, 635-642.	2.9	31

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55	Late blocking of peripheral TNF-Î± is ineffective after spinal cord injury in mice. Immunobiology, 2013, 218, 281-284.	1.9	31
56	Green-fluorescent-protein-expressing mice as models for the study of axonal growth and regeneration in vitro. Brain Research Reviews, 2006, 52, 160-169.	9.0	30
57	Hypothermiaâ€Induced Neurite Outgrowth is Mediated by Tumor Necrosis Factorâ€Alpha. Brain Pathology, 2010, 20, 771-779.	4.1	30
58	Pro-inflammatory cytokines upregulate the skin immunoreactivity for NGF, NT-3, NT-4 and their receptor, p75NTR in vivo: a preliminary report. Archives of Dermatological Research, 2005, 296, 580-584.	1.9	29
59	Both Whistleblowers and the Scientists They Accuse Are Vulnerable and Deserve Protection. Accountability in Research, 2017, 24, 359-366.	2.4	29
60	Intercellular Adhesion Molecule-1 and Hair Follicle Regression. Journal of Histochemistry and Cytochemistry, 2000, 48, 557-568.	2.5	28
61	Ectopic expression of c-Myc in the skin affects the hair growth cycle and causes an enlargement of the sebaceous gland. British Journal of Dermatology, 2005, 152, 1125-1133.	1.5	28
62	The majority of brain mast cells in B10.PL mice is present in the hippocampal formation. Neuroscience Letters, 2006, 392, 174-177.	2.1	28
63	Evaluating rodent motor functions: Which tests to choose?. Neuroscience and Biobehavioral Reviews, 2017, 83, 298-312.	6.1	28
64	Mast cells promote scar remodeling and functional recovery after spinal cord injury <i>via</i> mouse mast cell protease 6. FASEB Journal, 2016, 30, 2040-2057.	0.5	26
65	ADAM17 is a survival factor for microglial cells in vitro and in vivo after spinal cord injury in mice. Cell Death and Disease, 2013, 4, e954-e954.	6.3	25
66	HDAC3 Inhibition Promotes Alternative Activation of Macrophages but Does Not Affect Functional Recovery after Spinal Cord Injury. Experimental Neurobiology, 2018, 27, 437-452.	1.6	25
67	Neuroimmune Communication in Skin: Far from Peripheral. Journal of Investigative Dermatology, 2008, 128, 260-261.	0.7	23
68	In Vitro and In Vivo Neuronal Electrotaxis: A Potential Mechanism for Restoration?. Molecular Neurobiology, 2014, 49, 1005-1016.	4.0	23
69	Contrasting Expression Patterns of CCAAT/Enhancer-Binding Protein Transcription Factors in the Hair Follicle and at Different Stages of the Hair Growth Cycle. Journal of Investigative Dermatology, 2002, 118, 17-24.	0.7	22
70	Macrophage/microglia activation factor expression is restricted to lesion-associated microglial cells after brain trauma. Glia, 2006, 53, 412-419.	4.9	22
71	Minimal essential length of <i>Clostridium botulinum</i> C3 peptides to enhance neuronal regenerative growth and connectivity in a nonâ€enzymatic mode. Journal of Neurochemistry, 2012, 120, 1084-1096.	3.9	21
72	Antibody profiling identifies novel antigenic targets in spinal cord injury patients. Journal of Neuroinflammation, 2016, 13, 243.	7.2	21

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73	Adrenomedullin: expression and possible role in human skin and hair growth. British Journal of Dermatology, 2003, 148, 30-38.	1.5	19
74	Acknowledging tissue donation: Human cadaveric specimens in musculoskeletal research. Clinical Anatomy, 2016, 29, 65-69.	2.7	18
75	In Vivo Interleukin-13-Primed Macrophages Contribute to Reduced Alloantigen-Specific T Cell Activation and Prolong Immunological Survival of Allogeneic Mesenchymal Stem Cell Implants. Stem Cells, 2016, 34, 1971-1984.	3.2	17
76	Long-Term Motor Deficits after Controlled Cortical Impact in Rats Can Be Detected by Fine Motor Skill Tests but Not by Automated Gait Analysis. Journal of Neurotrauma, 2017, 34, 505-516.	3.4	17
77	The Next Generation of Biomarker Research in Spinal Cord Injury. Molecular Neurobiology, 2017, 54, 1482-1499.	4.0	16
78	Mouse mast cell protease 4 suppresses scar formation after traumatic spinal cord injury. Scientific Reports, 2019, 9, 3715.	3.3	16
79	ADAM17-deficiency on microglia but not on macrophages promotes phagocytosis and functional recovery after spinal cord injury. Brain, Behavior, and Immunity, 2019, 80, 129-145.	4.1	15
80	The Î²2â€Adrenoceptor Agonist Terbutaline Stimulates Angiogenesis via Akt and ERK Signaling. Journal of Cellular Physiology, 2017, 232, 298-308.	4.1	13
81	Differential regulation of axon outgrowth and reinnervation by neurotrophin-3 and neurotrophin-4 in the hippocampal formation. Experimental Brain Research, 2010, 205, 215-221.	1.5	12
82	Interleukin-25 is detrimental for recovery after spinal cord injury in mice. Journal of Neuroinflammation, 2016, 13, 101.	7.2	9
83	HDAC8 Inhibition Reduces Lesional Iba-1+ Cell Infiltration after Spinal Cord Injury without Effects on Functional Recovery. International Journal of Molecular Sciences, 2020, 21, 4539.	4.1	8
84	L-Arginine Depletion Improves Spinal Cord Injury via Immunomodulation and Nitric Oxide Reduction. Biomedicines, 2022, 10, 205.	3.2	8
85	Stress Pathway Modulation Is Detrimental or Ineffective for Functional Recovery after Spinal Cord Injury in Mice. Journal of Neurotrauma, 2020, 37, 564-571.	3.4	6
86	Basophils are dispensable for the recovery of gross locomotion after spinal cord hemisection injury. Journal of Leukocyte Biology, 2016, 99, 579-582.	3.3	5
87	Macrophage-based delivery of interleukin-13 improves functional and histopathological outcomes following spinal cord injury. Journal of Neuroinflammation, 2022, 19, 102.	7.2	5
88	Alpha-Adrenoceptor Modulation in Central Nervous System Trauma: Pain, Spasms, and Paralysis - An Unlucky Triad. Medicinal Research Reviews, 2015, 35, 653-677.	10.5	4
89	Motor cortex stimulation does not lead toÂfunctional recovery after experimental cortical injury in rats. Restorative Neurology and Neuroscience, 2017, 35, 295-305.	0.7	4
90	Murine induced pluripotent stem cellâ€derived neuroimmune cell culture models emphasize opposite immuneâ€effector functions of interleukin 13â€primed microglia and macrophages in terms of neuroimmune toxicity. Glia, 2021, 69, 326-345.	4.9	4

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91	Mesenchymal stem cells overexpressing IL-13 decrease lesion size and demyelination after spinal cord injury. Journal of Neuroimmunology, 2014, 275, 160.	2.3	0
92	Regeneration After CNS Lesion: Help from the Immune System?. , 2010, , 209-232.		0