

Hans-Georg Schaible

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

3,491
citations

29
h-index

53
g-index

53
ext. papers

3,959
ext. citations

6.1
avg, IF

5.59
L-index

#	Paper	IF	Citations
52	Periphere und zentrale Sensibilisierung durch das Immunsystem 2022 , 5, 18-24		
51	Spinal interleukin-1 β induces mechanical spinal hyperexcitability in rats: Interactions and redundancies with TNF and IL-6. <i>Journal of Neurochemistry</i> , 2021 , 158, 898-911	6	1
50	Impact of Diabetes Mellitus on Knee Osteoarthritis Pain and Physical and Mental Status: Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2021 , 73, 540-548	4.7	6
49	Pain-related behaviors associated with persistence of mechanical hyperalgesia after antigen-induced arthritis in rats. <i>Pain</i> , 2020 , 161, 1571-1583	8	3
48	Joint Pain 2020 , 571-591		
47	Physiologie der Schmerzentscheidung in der Peripherie. <i>Aktuelle Rheumatologie</i> , 2020 , 45, 402-412	0.1	0
46	Gain-of-function mutation in SCN11A causes itch and affects neurogenic inflammation and muscle function in Scn11a+/L799P mice. <i>PLoS ONE</i> , 2020 , 15, e0237101	3.7	2
45	Transient Receptor Potential vanilloid 4 ion channel in C-fibres is involved in mechanonociception of the normal and inflamed joint. <i>Scientific Reports</i> , 2019 , 9, 10928	4.9	12
44	Contribution of Inflammation and Bone Destruction to Pain in Arthritis: A Study in Murine Glucose-6-Phosphate Isomerase-Induced Arthritis. <i>Arthritis and Rheumatology</i> , 2019 , 71, 2016-2026	9.5	8
43	Osteoarthritis pain. Recent advances and controversies. <i>Current Opinion in Supportive and Palliative Care</i> , 2018 , 12, 148-153	2.6	10
42	A Promising New Approach for the Treatment of Inflammatory Pain: Transfer of Stem Cell-Derived Tyrosine Hydroxylase-Positive Cells. <i>NeuroImmunoModulation</i> , 2018 , 25, 225-237	2.5	2
41	The potential of substance P to initiate and perpetuate cortical spreading depression (CSD) in rat in vivo. <i>Scientific Reports</i> , 2018 , 8, 17656	4.9	5
40	Effects of interleukin-1 β on cortical spreading depolarization and cerebral vasculature. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1791-1802	7.3	14
39	Pain sensation in human osteoarthritic knee joints is strongly enhanced by diabetes mellitus. <i>Pain</i> , 2017 , 158, 1743-1753	8	37
38	Interleukin-17A is involved in mechanical hyperalgesia but not in the severity of murine antigen-induced arthritis. <i>Scientific Reports</i> , 2017 , 7, 10334	4.9	25
37	Mechanisms of Osteoarthritic Pain. Studies in Humans and Experimental Models. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 349	6.1	94
36	Long-Lasting Activation of the Transcription Factor CREB in Sensory Neurons by Interleukin-1 β During Antigen-Induced Arthritis in Rats: A Mechanism of Persistent Arthritis Pain?. <i>Arthritis and Rheumatology</i> , 2016 , 68, 532-41	9.5	13

35	Involvement of Spinal IL-6 Trans-Signaling in the Induction of Hyperexcitability of Deep Dorsal Horn Neurons by Spinal Tumor Necrosis Factor-Alpha. <i>Journal of Neuroscience</i> , 2016 , 36, 9782-91	6.6	29
34	Emerging concepts of pain therapy based on neuronal mechanisms. <i>Handbook of Experimental Pharmacology</i> , 2015 , 227, 1-14	3.2	11
33	Effects of differently activated rodent macrophages on sensory neurons: implications for arthritis pain. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2263-72	9.5	27
32	Antigen-induced arthritis in rats is associated with increased growth-associated protein-43-positive intraepidermal nerve fibres remote from the joint. <i>Arthritis Research and Therapy</i> , 2015 , 17, 299	5.7	9
31	Interleukin-6-dependent influence of nociceptive sensory neurons on antigen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 334	5.7	38
30	Does chloride channel accessory 3 have a role in arthritis pain? A study on murine antigen-induced arthritis. <i>Neuroscience Letters</i> , 2014 , 576, 40-4	3.3	5
29	Nociceptive neurons detect cytokines in arthritis. <i>Arthritis Research and Therapy</i> , 2014 , 16, 470	5.7	157
28	Involvement of peripheral and spinal tumor necrosis factor α in spinal cord hyperexcitability during knee joint inflammation in rats. <i>Arthritis and Rheumatology</i> , 2014 , 66, 599-609	9.5	29
27	Function of the sympathetic supply in acute and chronic experimental joint inflammation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014 , 182, 55-64	2.4	47
26	A de novo gain-of-function mutation in SCN11A causes loss of pain perception. <i>Nature Genetics</i> , 2013 , 45, 1399-404	36.3	205
25	Neuronal IL-17 receptor upregulates TRPV4 but not TRPV1 receptors in DRG neurons and mediates mechanical but not thermal hyperalgesia. <i>Molecular and Cellular Neurosciences</i> , 2013 , 52, 152-60	4.8	67
24	The role of interleukin-1 in arthritic pain: main involvement in thermal, but not mechanical, hyperalgesia in rat antigen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 3897-907		67
23	Interleukin-17 sensitizes joint nociceptors to mechanical stimuli and contributes to arthritic pain through neuronal interleukin-17 receptors in rodents. <i>Arthritis and Rheumatism</i> , 2012 , 64, 4125-34		86
22	The anti-inflammatory effects of sympathectomy in murine antigen-induced arthritis are associated with a reduction of Th1 and Th17 responses. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 253-61	2.4	50
21	Mechanisms of chronic pain in osteoarthritis. <i>Current Rheumatology Reports</i> , 2012 , 14, 549-56	4.9	148
20	Spinal interleukin-6 is an amplifier of arthritic pain in the rat. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2233-42		56
19	Evaluation of long-term antinociceptive properties of stabilized hyaluronic acid preparation (NASHA) in an animal model of repetitive joint pain. <i>Arthritis Research and Therapy</i> , 2011 , 13, R110	5.7	25
18	Update on peripheral mechanisms of pain: beyond prostaglandins and cytokines. <i>Arthritis Research and Therapy</i> , 2011 , 13, 210	5.7	91

17	Spinal tumor necrosis factor alpha neutralization reduces peripheral inflammation and hyperalgesia and suppresses autonomic responses in experimental arthritis: a role for spinal tumor necrosis factor alpha during induction and maintenance of peripheral inflammation. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1308-18		60
16	Tumor necrosis factor causes persistent sensitization of joint nociceptors to mechanical stimuli in rats. <i>Arthritis and Rheumatism</i> , 2010 , 62, 3806-14		79
15	Experimental arthritis causes tumor necrosis factor-alpha-dependent infiltration of macrophages into rat dorsal root ganglia which correlates with pain-related behavior. <i>Pain</i> , 2009 , 145, 151-9	8	80
14	Gait abnormalities differentially indicate pain or structural joint damage in monoarticular antigen-induced arthritis. <i>Pain</i> , 2009 , 145, 142-50	8	40
13	Joint pain. <i>Experimental Brain Research</i> , 2009 , 196, 153-62	2.3	141
12	Spinal Mechanisms Contributing to Joint Pain. <i>Novartis Foundation Symposium</i> , 2008 , 4-27		34
11	Antinociceptive effects of tumor necrosis factor alpha neutralization in a rat model of antigen-induced arthritis: evidence of a neuronal target. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2368-78		125
10	Sensitization of unmyelinated sensory fibers of the joint nerve to mechanical stimuli by interleukin-6 in the rat: an inflammatory mechanism of joint pain. <i>Arthritis and Rheumatism</i> , 2007 , 56, 351-9		175
9	Calcitonin gene-related peptide enhances TTX-resistant sodium currents in cultured dorsal root ganglion neurons from adult rats. <i>Pain</i> , 2005 , 116, 194-204	8	52
8	Neurogenic aspects of inflammation. <i>Rheumatic Disease Clinics of North America</i> , 2005 , 31, 77-101, ix	2.4	67
7	Spreading depression (SD) waves in the brainstem can be elicited after blockade of potassium channels. Evidence for the role of extracellular potassium ions as a driving force?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S438-S438	7.3	
6	Changes in the effect of spinal prostaglandin E2 during inflammation: prostaglandin E (EP1-EP4) receptors in spinal nociceptive processing of input from the normal or inflamed knee joint. <i>Journal of Neuroscience</i> , 2004 , 24, 642-51	6.6	174
5	Pathophysiology of pain. <i>Langenbeck's Archives of Surgery</i> , 2004 , 389, 237-43	3.4	85
4	Spinal mechanisms contributing to joint pain. <i>Novartis Foundation Symposium</i> , 2004 , 260, 4-22; discussion 22-7, 100-4, 277-9		20
3	Mechanisms of pain in arthritis. <i>Annals of the New York Academy of Sciences</i> , 2002 , 966, 343-54	6.5	423
2	Is there a correlation between spreading depression, neurogenic inflammation, and nociception that might cause migraine headache?. <i>Annals of Neurology</i> , 2001 , 49, 7-13	9.4	105
1	Afferent and spinal mechanisms of joint pain. <i>Pain</i> , 1993 , 55, 5-54	8	452