Siegfried Mense

List of Publications by Year
in descending order

59	2,539	172457	189892
papers	citations	29 h-index	50 g-index

63	63	63	1683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rat dorsal horn neurons primed by stress develop a long-lasting manifest sensitization after a short-lasting nociceptive low back input. Pain Reports, 2021, 6, e904.	2.7	7
2	Spinal cord fractalkine (CX3CL1) signaling is critical for neuronal sensitization in experimental nonspecific, myofascial low back pain. Journal of Neurophysiology, 2021, 125, 1598-1611.	1.8	16
3	Anatomy of Nociceptors. , 2020, , 11-32.		0
4	Action potentials and subthreshold potentials of dorsal horn neurons in a rat model of myositis: a study employing intracellular recordings in vivo. Journal of Neurophysiology, 2019, 122, 632-643.	1.8	4
5	Innervation of the thoracolumbar fascia. European Journal of Translational Myology, 2019, 29, 8297.	1.7	62
6	Prevention and reversal of latent sensitization of dorsal horn neurons by glial blockers in a model of low back pain in male rats. Journal of Neurophysiology, 2017, 118, 2059-2069.	1.8	24
7	High-frequency modulation of rat spinal field potentials: effects of slowly conducting muscle vs. skin afferents. Journal of Neurophysiology, 2016, 115, 692-700.	1.8	7
8	Evidence for the existence of nociceptors in rat thoracolumbar fascia. Journal of Bodywork and Movement Therapies, 2016, 20, 623-628.	1.2	28
9	Comparison of nerve growth factorâ€“induced sensitization pattern in lumbar and tibial muscle and fascia. Muscle and Nerve, 2015, 52, 265-272.	2.2	22
10	Tetrodotoxin-resistant fibres and spinal Fos expression: differences between input from muscle and skin. Experimental Brain Research, 2013, 224, 571-580.	1.5	5
11	Injection of nerve growth factor into a low back muscle induces long-lasting latent hypersensitivity in rat dorsal horn neurons. Pain, 2013, 154, 1953-1960.	4.2	54
12	Shock wave treatment improves nerve regeneration in the rat. Muscle and Nerve, 2013, 47, 702-710.	2.2	39
13	Nociception. , 2012, , 95-101.		1
14	Nociceptive input from the rat thoracolumbar fascia to lumbar dorsal horn neurones. European Journal of Pain, 2011, 15, 810-815.	2.8	61
15	Fatigue and pain; what is the connection?. Pain, 2010, 148, 177-178.	4.2	7
16	How Do Muscle Lesions such as Latent and Active Trigger Points Influence Central Nociceptive Neurons?. Journal of Musculoskeletal Pain, 2010, 18, 348-353.	0.3	47
17	Referral of Musculoskeletal Pain. , 2010, , 177-205.		3
18	Morphology of Myofascial Trigger Points: What Does a Trigger Point Look Like?. , 2010, , 85-102.		0

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19	Role of spinal microglia in myositisâ€induced central sensitisation: An immunohistochemical and behavioural study in rats. European Journal of Pain, 2009, 13, 915-923.	2.8	42
20	Dorsal horn neurons having input from low back structures in rats. Pain, 2008, 138, 119-129.	4.2	68
21	Muscle Pain. Deutsches Ärzteblatt International, 2008, 105, 214-9.	0.9	116
22	Characteristics of Muscle Nociception. Pain and Headache, 2007, , 7-17.	0.1	1
23	Neuroanatomical pathway of nociception originating in a low back muscle (multifidus) in the rat. Neuroscience Letters, 2007, 427, 22-27.	2.1	29
24	Sensitization of rat dorsal horn neurons by NGF-induced subthreshold potentials and low-frequency activation. A study employing intracellular recordings in vivo. Brain Research, 2007, 1169, 34-43.	2.2	69
25	Effects on c-Fos expression in the PAG and thalamus by selective input via tetrodotoxin-resistant afferent fibres from muscle and skin. Neuroscience Research, 2006, 56, 270-278.	1.9	9
26	Response to Weiner and Schmaderâ€"Postherpetic Pain: More Than Sensory Neuralgia?. Pain Medicine, 2006, 7, 250-250.	1.9	0
27	Interaction between neurotransmitter antagonists and effects of sacral neuromodulation in rats with chronically hyperactive bladder. BJU International, 2005, 96, 900-908.	2.5	19
28	Excitatory and modulatory effects of inflammatory cytokines and neurotrophins on mechanosensitive group IV muscle afferents in the rat. Pain, 2005, 114, 168-176.	4.2	145
29	The possible role of the NO-cGMP pathway in nociception: Different spinal and supraspinal action of enzyme blockers on rat dorsal horn neurones. Pain, 2005, 117, 358-367.	4.2	34
30	Central Nervous Sequelae of Local Muscle Pain. Journal of Musculoskeletal Pain, 2004, 12, 101-109.	0.3	4
31	A rat model for studying effects of sacral neuromodulation on the contractile activity of a chronically inflamed bladder. BJU International, 2004, 94, 158-163.	2.5	20
32	Painful and non-painful pressure sensations from human skeletal muscle. Experimental Brain Research, 2004, 159, 273-283.	1.5	124
33	Acidic pH and capsaicin activate mechanosensitive group IV muscle receptors in the rat. Pain, 2004, 110, 149-157.	4.2	106
34	Tetrodotoxin block of A-fibre afferents from skin and muscle â€“ a tool to study pure C-fibre effects in the spinal cord. Pflugers Archiv European Journal of Physiology, 2003, 445, 607-613.	2.8	21
35	The pathogenesis of muscle pain. Current Pain and Headache Reports, 2003, 7, 419-425.	2.9	160
36	Pathophysiological activity in rat dorsal horn neurones in segments rostral to a chronic spinal cord injury. Brain Research, 2003, 974, 134-145.	2.2	33

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37	Experimental pain by ischaemic contractions compared with pain by intramuscular infusions of adenosine and hypertonic saline. European Journal of Pain, 2003, 7, 93-102.	2.8	65
38	Adenosine triphosphate as a stimulant for nociceptive and non-nociceptive muscle group IV receptors in the rat. Neuroscience Letters, 2003, 338, 25-28.	2.1	71
39	Do we know enough to put forward a unifying hypothesis?. Journal of Pain, 2002, 3, 264-267.	1.4	6
40	Rats with chronic spinal cord transection as a possible model for the at-level pain of paraplegic patients. Neuroscience Letters, 2002, 323, 117-120.	2.1	20
41	Tetrodotoxin-resistant conductivity and spinal effects of cutaneous C-fibre afferents in the rat. Neuroscience Research, 2001, 39, 413-419.	1.9	26
42	Fibroblast growth factor-2 acutely influences the impulse activity of rat dorsal horn neurones. Neuroscience Research, 2001, 40, 115-123.	1.9	5
43	Contribution of TTX-resistant C-fibres and Aî-fibres to nociceptive flexor-reflex and non-flexor-reflex pathways in cats. Neuroscience Research, 2000, 37, 277-287.	1.9	33
44	Changes in the number of nitric oxide-synthesizing neurones on both sides of a chronic transection of the rat spinal cord. Neuroscience Letters, 2000, 287, 125-128.	2.1	15
45	ABOLITION OF CYSTITIS-INDUCED BLADDER INSTABILITY BY LOCAL SPINAL CORD COOLING. Journal of Urology, 1998, 160, 236-241.	0.4	8
46	Expression of neuropeptides and nitric oxide synthase in neurones innervating the inflamed rat urinary bladder. Journal of the Autonomic Nervous System, 1997, 65, 33-44.	1.9	64
47	Myositis-induced functional reorganisation of the rat dorsal horn: effects of spinal superfusion with antagonists to neurokinin and glutamate receptors. Pain, 1997, 69, 219-230.	4.2	62
48	Pathophysiologic Basis of Muscle Pain Syndromes: An Update. Physical Medicine and Rehabilitation Clinics of North America, 1997, 8, 23-53.	1.3	38
49	Biochemical Pathogenesis of Myofascial Pain. Journal of Musculoskeletal Pain, 1996, 4, 145-162.	0.3	40
50	Changes in NADPH-diaphorase activity in the rat dorsal horn following an acute experimental myositis. Histochemistry, 1995, 103, 459-462.	1.9	10
51	Effects of Spinal Cord Superfusion with Substance P on the Excitability of Rat Dorsal Horn Neurons Processing Input from Deep Tissues. Journal of Musculoskeletal Pain, 1995, 3, 23-43.	0.3	20
52	Fibroblast growth factor-2 depresses the impulse activity of rat dorsal horn neurones in vivo. Neuroscience Letters, 1995, 200, 65-68.	2.1	4
53	Leukotriene D4 depresses the mechanosensitivity of group III and IV muscle receptors in the rat. NeuroReport, 1994, 5, 645-648.	1.2	5
54	Appearance of new receptive fields in rat dorsal horn neurons following noxious stimulation of skeletal muscle: a model for referral of muscle pain?. Neuroscience Letters, 1993, 153, 9-12.	2.1	227

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55	Basic neurobiologic mechanisms of pain and analgesia. American Journal of Medicine, 1983, 75, 4-14.	1.5	46
56	Effects of temperature on the discharges of muscle spindles and tendon organs. Pflugers Archiv European Journal of Physiology, 1978, 374, 159-166.	2.8	100
57	Responses of group IV and group III muscle afferents to thermal stimuli. Brain Research, 1976, 113, 201-205.	2.2	87
58	Excitatory effects of 5-hydroxytryptamine, histamine and potassium ions on muscular group IV afferent units: A comparison with bradykinin. Brain Research, 1976, 105, 459-469.	2.2	162
59	Evidence for the existence of different receptor sites for algesic agents at the endings of muscular group IV afferent units. Pflugers Archiv European Journal of Physiology, 1976, 362, 141-146.	2.8	38