Walter Magerl

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3246600/publications.pdf

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24 papers	2,409 citations	471509 17 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	2014 citing authors

#	Article	IF	Citations
1	Dose-Dependent Pain and Pain Radiation after Chemical Stimulation of the Thoracolumbar Fascia and Multifidus Muscle: A Single-Blinded, Cross-Over Study Revealing a Higher Impact of Fascia Stimulation. Life, 2022, 12, 340.	2.4	4
2	The serotonin receptor 2A (HTR2A) rs6313 variant is associated with higher ongoing pain and signs of central sensitization in neuropathic pain patients. European Journal of Pain, 2021, 25, 595-611.	2.8	16
3	Tenderness of the Skin after Chemical Stimulation of Underlying Temporal and Thoracolumbar Fasciae Reveals Somatosensory Crosstalk between Superficial and Deep Tissues. Life, 2021, 11, 370.	2.4	4
4	Quantitative sensory phenotyping in chronic neuropathic pain patients treated with unilateral L4-dorsal root ganglion stimulation. Journal of Translational Medicine, 2020, 18, 403.	4.4	7
5	Progesterone relates to enhanced incisional acute pain and pinprick hyperalgesia in the luteal phase of female volunteers. Pain, 2019, 160, 1781-1793.	4.2	22
6	SIGMA-1 Receptor Gene Variants Affect the Somatosensory Phenotype in Neuropathic Pain Patients. Journal of Pain, 2019, 20, 201-214.	1.4	10
7	Pathophysiological mechanisms of neuropathic pain: comparison of sensory phenotypes in patients and human surrogate pain models. Pain, 2018, 159, 1090-1102.	4.2	77
8	Assessment of pain quality reveals distinct differences between nociceptive innervation of low back fascia and muscle in humans. Pain Reports, 2018, 3, e662.	2.7	22
9	Peripheral neuropathic pain: a mechanism-related organizing principle based on sensory profiles. Pain, 2017, 158, 261-272.	4.2	462
10	Stratifying patients with peripheral neuropathic pain based on sensory profiles: algorithm and sample size recommendations. Pain, 2017, 158, 1446-1455.	4.2	150
11	Electrical high-frequency stimulation of the human thoracolumbar fascia evokes long-term potentiation-like pain amplification. Pain, 2016, 157, 2309-2317.	4.2	33
12	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
13	Capsaicin-sensitive C- and A-fibre nociceptors control long-term potentiation-like pain amplification in humans. Brain, 2015, 138, 2505-2520.	7.6	102
14	An Improved Model of Heat-Induced Hyperalgesiaâ€"Repetitive Phasic Heat Pain Causing Primary Hyperalgesia to Heat and Secondary Hyperalgesia to Pinprick and Light Touch. PLoS ONE, 2014, 9, e99507.	2.5	27
15	Sensory findings after stimulation of the thoracolumbar fascia with hypertonic saline suggest its contribution to low back pain. Pain, 2014, 155, 222-231.	4.2	115
16	Analysis of hyperalgesia time courses in humans after painful electrical high-frequency stimulation identifies a possible transition from early to late LTP-like pain plasticity. Pain, 2011, 152, 1532-1539.	4.2	86
17	Reference data for quantitative sensory testing (QST): Refined stratification for age and a novel method for statistical comparison of group data. Pain, 2010, 151, 598-605.	4.2	416
18	The role of heterosynaptic facilitation in long-term potentiation (LTP) of human pain sensation. Pain, 2008, 139, 507-519.	4.2	72

#	Article	IF	Citations
19	Modality-specific sensory changes in humans after the induction of long-term potentiation (LTP) in cutaneous nociceptive pathways. Pain, 2007, 128, 254-263.	4.2	73
20	Perceptual Correlate of Nociceptive Long-Term Potentiation (LTP) in Humans Shares the Time Course of Early-LTP. Journal of Neurophysiology, 2006, 96, 3551-3555.	1.8	48
21	Chapter 33 Experimental human models of neuropathic pain. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2006, 81, 503-516.	1.8	15
22	Perceptual Correlates of Nociceptive Long-Term Potentiation and Long-Term Depression in Humans. Journal of Neuroscience, 2004, 24, 964-971.	3.6	318
23	Secondary tactile hypoesthesia: a novel type of pain-induced somatosensory plasticity in human subjects. Neuroscience Letters, 2004, 361, 136-139.	2.1	94
24	Secondary hyperalgesia and perceptual wind-up following intradermal injection of capsaicin in humans. Pain, 1998, 74, 257-268.	4.2	229