

Ulf Baumgärtner

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,133
citations

186265

28
h-index

155660

55
g-index

61
all docs

61
docs citations

61
times ranked

3232
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of techniques useful for the assessment of sensory small fiber neuropathies: Report from an IFCN expert group. <i>Clinical Neurophysiology</i> , 2022, 136, 13-38.	1.5	21
2	Cerebral processing of sharp mechanical pain measured with arterial spin labeling. <i>Brain and Behavior</i> , 2022, 12, e2442.	2.2	1
3	Posterior insular activity contributes to the late laser-evoked potential component in EEG recordings. <i>Clinical Neurophysiology</i> , 2021, 132, 770-781.	1.5	2
4	Modality-specific facilitation of noninjurious sharp mechanical pain by topical capsaicin. <i>Pain</i> , 2021, 162, 275-286.	4.2	1
5	Early gamma-oscillations as correlate of localized nociceptive processing in primary sensorimotor cortex. <i>Journal of Neurophysiology</i> , 2020, 123, 1711-1726.	1.8	33
6	Effects of a Painful Stimulus on Stress Regulation in Male Patients With Borderline Personality Disorder: A Pilot Study. <i>Journal of Personality Disorders</i> , 2019, 33, 394-412.	1.4	3
7	Differential perception of sharp pain in patients with borderline personality disorder. <i>European Journal of Pain</i> , 2019, 23, 1448-1463.	2.8	6
8	The glutamate to \hat{I}^3 -aminobutyric acid ratio in the posterior insula is associated with pain perception in healthy women but not in women with borderline personality disorder. <i>Pain</i> , 2019, 160, 2487-2496.	4.2	7
9	Stress reactivity and pain-mediated stress regulation in remitted patients with borderline personality disorder. <i>Brain and Behavior</i> , 2018, 8, e00909.	2.2	7
10	Evaluation of psychosocial and biological parameters in women seeking for a caesarean section and women who are aiming for vaginal delivery: a cross-sectional study. <i>Archives of Gynecology and Obstetrics</i> , 2018, 297, 897-905.	1.7	7
11	Posterior Insular GABA Levels Inversely Correlate with the Intensity of Experimental Mechanical Pain in Healthy Subjects. <i>Neuroscience</i> , 2018, 387, 116-122.	2.3	13
12	Changes in birth-related pain perception impact of neurobiological and psycho-social factors. <i>Archives of Gynecology and Obstetrics</i> , 2018, 297, 591-599.	1.7	6
13	The role of nociceptive input and tissue injury on stress regulation in borderline personality disorder. <i>Pain</i> , 2017, 158, 479-487.	4.2	18
14	Detection of central circuits implicated in the formation of novel pain memories. <i>Journal of Pain Research</i> , 2016, Volume 9, 671-681.	2.0	9
15	Emotion Elicitation: A Comparison of Pictures and Films. <i>Frontiers in Psychology</i> , 2016, 7, 180.	2.1	107
16	A novel human surrogate model of noninjurious sharp mechanical pain. <i>Pain</i> , 2016, 157, 214-224.	4.2	14
17	Laser-evoked potentials mediated by mechano-insensitive nociceptors in human skin. <i>European Journal of Pain</i> , 2016, 20, 845-854.	2.8	10
18	The role of seeing blood in non-suicidal self-injury in female patients with borderline personality disorder. <i>Psychiatry Research</i> , 2016, 246, 676-682.	3.3	17

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19	Effect of sleep deprivation on the electrophysiological signature of habituation to noxious laser stimuli. <i>European Journal of Pain</i> , 2015, 19, 1197-1209.	2.8	20
20	Pain in Borderline Personality Disorder. <i>Modern Problems of Pharmacopsychiatry</i> , 2015, 30, 166-175.	2.5	28
21	Incision and stress regulation in borderline personality disorder: Neurobiological mechanisms of self-injurious behaviour. <i>British Journal of Psychiatry</i> , 2015, 207, 165-172.	2.8	112
22	Assessment of small fibers using evoked potentials. <i>Scandinavian Journal of Pain</i> , 2014, 5, 111-118.	1.3	18
23	Cortico-subcortical activation patterns for itch and pain imagery. <i>Pain</i> , 2013, 154, 1989-1998.	4.2	51
24	Interoceptive and multimodal functions of the operculo-insular cortex: Tactile, nociceptive and vestibular representations. <i>NeuroImage</i> , 2013, 83, 75-86.	4.2	59
25	Pinprick-evoked brain potentials: a novel tool to assess central sensitization of nociceptive pathways in humans. <i>Journal of Neurophysiology</i> , 2013, 110, 1107-1116.	1.8	63
26	Contact heat and cold, mechanical, electrical and chemical stimuli to elicit small fiber-evoked potentials: Merits and limitations for basic science and clinical use. <i>Neurophysiologie Clinique</i> , 2012, 42, 267-280.	2.2	74
27	Schmerzmessung beim Menschen. <i>Neurophysiologie-Labor</i> , 2012, 34, 149-173.	0.0	0
28	Dipole source analyses of laser evoked potentials obtained from subdural grid recordings from primary somatic sensory cortex. <i>Journal of Neurophysiology</i> , 2011, 106, 722-730.	1.8	31
29	Comparison of LEP and QST and their contribution to standard sensory diagnostic assessment of spinal lesions: a pilot study. <i>Neurological Sciences</i> , 2011, 32, 401-410.	1.9	17
30	Sleep restriction attenuates amplitudes and attentional modulation of pain-related evoked potentials, but augments pain ratings in healthy volunteers. <i>Pain</i> , 2010, 148, 36-42.	4.2	125
31	Dipole Source Analyses of Early Median Nerve SEP Components Obtained From Subdural Grid Recordings. <i>Journal of Neurophysiology</i> , 2010, 104, 3029-3041.	1.8	18
32	Multiple Somatotopic Representations of Heat and Mechanical Pain in the Operculo-Insular Cortex: A High-Resolution fMRI Study. <i>Journal of Neurophysiology</i> , 2010, 104, 2863-2872.	1.8	129
33	Quick Discrimination of Adelta and C Fiber Mediated Pain Based on Three Verbal Descriptors. <i>PLoS ONE</i> , 2010, 5, e12944.	2.5	94
34	Electrophysiological correlates of reduced pain perception after theta-burst stimulation. <i>NeuroReport</i> , 2009, 20, 1051-1055.	1.2	20
35	Are There Nociceptive-Specific Brain Potentials?. <i>Journal of Neurophysiology</i> , 2009, 102, 3073-3074.	1.8	5
36	Structural and Functional Asymmetry in the Human Parietal Opercular Cortex. <i>Journal of Neurophysiology</i> , 2009, 101, 3246-3257.	1.8	25

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37	A cross-sectional investigation of discontinuation of self-harm and normalizing pain perception in patients with borderline personality disorder. <i>Acta Psychiatrica Scandinavica</i> , 2009, 120, 62-70.	4.5	73
38	Explicit episodic memory for sensory-discriminative components of capsaicin-induced pain: Immediate and delayed ratings. <i>Pain</i> , 2009, 143, 97-105.	4.2	26
39	Revised Definition of Neuropathic Pain and Its Grading System: An Open Case Series Illustrating Its Use in Clinical Practice. <i>American Journal of Medicine</i> , 2009, 122, S3-S12.	1.5	66
40	Effects of Distraction Versus Spatial Discrimination on Laser-Evoked Potentials in Migraine. <i>Headache</i> , 2008, 48, 408-416.	3.9	28
41	Hemispheric asymmetry of hand representation in human primary somatosensory cortex and handedness. <i>Clinical Neurophysiology</i> , 2008, 119, 2579-2586.	1.5	45
42	Peripheral and central components of habituation of heat pain perception and evoked potentials in humans. <i>Pain</i> , 2007, 132, 301-311.	4.2	188
43	Combined EEG and MEG analysis of early somatosensory evoked activity in children and adolescents with focal epilepsies. <i>Clinical Neurophysiology</i> , 2007, 118, 1721-1735.	1.5	33
44	High opiate receptor binding potential in the human lateral pain system. <i>NeuroImage</i> , 2006, 30, 692-699.	4.2	157
45	Laser-Evoked Potentials Are Graded and Somatotopically Organized Anteroposteriorly in the Operculoinsular Cortex of Anesthetized Monkeys. <i>Journal of Neurophysiology</i> , 2006, 96, 2802-2808.	1.8	51
46	Evidence for early activation of primary motor cortex and SMA after electrical lower limb stimulation using EEG source reconstruction. <i>Brain Research</i> , 2006, 1125, 17-25.	2.2	17
47	Chapter 15 Pain and itch in Wallenberg's syndrome: anatomical-functional correlations. <i>Supplements To Clinical Neurophysiology</i> , 2006, , 187-194.	2.1	22
48	Spatial resolution of fMRI in the human parasyllian cortex: Comparison of somatosensory and auditory activation. <i>NeuroImage</i> , 2005, 25, 877-887.	4.2	39
49	Laser guns and hot plates. <i>Pain</i> , 2005, 116, 1-3.	4.2	76
50	Differential nociceptive deficits in patients with borderline personality disorder and self-injurious behavior: laser-evoked potentials, spatial discrimination of noxious stimuli, and pain ratings. <i>Pain</i> , 2004, 110, 470-479.	4.2	139
51	Sensitivity of laser-evoked potentials versus somatosensory evoked potentials in patients with multiple sclerosis. <i>Clinical Neurophysiology</i> , 2003, 114, 992-1002.	1.5	49
52	Asymmetry in the human primary somatosensory cortex and handedness. <i>NeuroImage</i> , 2003, 19, 913-923.	4.2	91
53	Left-hemisphere dominance in early nociceptive processing in the human parasyllian cortex. <i>NeuroImage</i> , 2003, 20, 441-454.	4.2	125
54	Clinical usefulness of laser-evoked potentials. <i>Neurophysiologie Clinique</i> , 2003, 33, 303-314.	2.2	334

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55	Neurogenic hyperalgesia versus painful hypoalgesia: two distinct mechanisms of neuropathic pain. <i>Pain</i> , 2002, 96, 141-151.	4.2	201
56	Inward currents in primary nociceptive neurons of the rat and pain sensations in humans elicited by infrared diode laser pulses. <i>Pain</i> , 2002, 99, 145-155.	4.2	47
57	Mechanisms and predictors of chronic facial pain in lateral medullary infarction. <i>Annals of Neurology</i> , 2001, 49, 493-500.	5.3	74
58	Abolished laser-evoked potentials and normal blink reflex in midlateral medullary infarction. <i>Journal of Neurology</i> , 1999, 246, 347-352.	3.6	16
59	Laser-evoked potentials for assessment of nociceptive pathways in humans. <i>Pain Forum</i> , 1998, 7, 191-195.	1.1	14
60	Brain electrical source analysis of primary cortical components of the tibial nerve somatosensory evoked potential using regional sources. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1998, 108, 588-599.	2.0	41