

Ole K seler Andersen

List of Publications by Year in descending order

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183
papers

5,316
citations

87888

38
h-index

118850

62
g-index

188
all docs

188
docs citations

188
times ranked

3873
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for spinal cord hypersensitivity in chronic pain after whiplash injury and in fibromyalgia. <i>Pain</i> , 2004, 107, 7-15.	4.2	384
2	Methods for gait event detection and analysis in ambulatory systems. <i>Medical Engineering and Physics</i> , 2010, 32, 545-552.	1.7	290
3	Reference values of mechanical and thermal pain tests in a pain-free population. <i>European Journal of Pain</i> , 2011, 15, 376-383.	2.8	145
4	Multimodal assessment of pain in the esophagus: a new experimental model. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, G95-G103.	3.4	123
5	The effect of Ketamine on stimulation of primary and secondary hyperalgesic areas induced by capsaicin – a double-blind, placebo-controlled, human experimental study. <i>Pain</i> , 1996, 66, 51-62.	4.2	122
6	Modular organization of human leg withdrawal reflexes elicited by electrical stimulation of the foot sole. , 1999, 22, 1520-1530.		117
7	Facilitation of the withdrawal reflex by repeated transcutaneous electrical stimulation: an experimental study on central integration in humans. <i>European Journal of Applied Physiology</i> , 2000, 81, 165-173.	2.5	117
8	Factor analysis of responses to thermal, electrical, and mechanical painful stimuli supports the importance of multi-modal pain assessment. <i>Pain</i> , 2011, 152, 1146-1155.	4.2	112
9	A human experimental capsaicin model for trigeminal sensitization. Gender-specific differences. <i>Pain</i> , 2005, 118, 155-163.	4.2	104
10	Multi-modal induction and assessment of allodynia and hyperalgesia in the human oesophagus. <i>European Journal of Pain</i> , 2003, 7, 539-549.	2.8	97
11	Mental stress inhibits pain perception and heart rate variability but not a nociceptive withdrawal reflex. <i>Acta Physiologica Scandinavica</i> , 2004, 180, 405-414.	2.2	90
12	A comparison of hyperalgesia and neurogenic inflammation induced by melittin and capsaicin in humans. <i>Neuroscience Letters</i> , 2003, 337, 147-150.	2.1	75
13	Ranking of parameters of pain hypersensitivity according to their discriminative ability in chronic low back pain. <i>Pain</i> , 2012, 153, 2083-2091.	4.2	72
14	Gait event detection for use in FES rehabilitation by radial and tangential foot accelerations. <i>Medical Engineering and Physics</i> , 2014, 36, 502-508.	1.7	71
15	Facilitation of the human nociceptive reflex by stimulation of A δ fibres in a secondary hyperalgesic area sustained by nociceptive input from the primary hyperalgesic area. <i>Acta Physiologica Scandinavica</i> , 1995, 155, 87-97.	2.2	70
16	The effect of venlafaxine on ongoing and experimentally induced pain in neuropathic pain patients: a double blind, placebo controlled study. <i>European Journal of Pain</i> , 2005, 9, 407-407.	2.8	70
17	Acute pain increases heart rate: Differential mechanisms during rest and mental stress. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 121, 101-109.	2.8	70
18	Studies of the organization of the human nociceptive withdrawal reflex.. <i>Acta Physiologica</i> , 2007, 189, 1-35.	3.8	67

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19	The nociceptive withdrawal reflex: Normative values of thresholds and reflex receptive fields. <i>European Journal of Pain</i> , 2010, 14, 134-141.	2.8	65
20	Modular organization of excitatory and inhibitory reflex receptive fields elicited by electrical stimulation of the foot sole in man. <i>Clinical Neurophysiology</i> , 2000, 111, 2160-2169.	1.5	64
21	Is the Conditioned Pain Modulation Paradigm Reliable? A Test-Retest Assessment Using the Nociceptive Withdrawal Reflex. <i>PLoS ONE</i> , 2014, 9, e100241.	2.5	62
22	Evidence for central summation of C and A δ nociceptive activity in man. <i>Pain</i> , 1994, 59, 273-280.	4.2	58
23	Generalized expansion of nociceptive reflex receptive fields in chronic pain patients. <i>Pain</i> , 2010, 151, 798-805.	4.2	58
24	Brief, prolonged and repeated stimuli applied to hyperalgesic skin areas: a psychophysical study. <i>Brain Research</i> , 1996, 712, 165-167.	2.2	57
25	Reflex receptive fields for human withdrawal reflexes elicited by non-painful and painful electrical stimulation of the foot sole. <i>Clinical Neurophysiology</i> , 2001, 112, 641-649.	1.5	57
26	Estimating nerve excitation thresholds to cutaneous electrical stimulation by finite element modeling combined with a stochastic branching nerve fiber model. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 385-395.	2.8	56
27	Modulation of Lower Limb Withdrawal Reflexes During Gait: A Topographical Study. <i>Journal of Neurophysiology</i> , 2004, 91, 258-266.	1.8	55
28	Test-retest reliability of the nociceptive withdrawal reflex and electrical pain thresholds after single and repeated stimulation in patients with chronic low back pain. <i>European Journal of Applied Physiology</i> , 2011, 111, 83-92.	2.5	55
29	Convergence of meningeal and facial afferents onto trigeminal brainstem neurons: an electrophysiological study in rat and man. <i>Pain</i> , 1999, 82, 229-237.	4.2	54
30	Effects of heterotopic- and segmental counter-stimulation on the nociceptive withdrawal reflex in humans. <i>Acta Physiologica Scandinavica</i> , 2001, 172, 211-217.	2.2	52
31	Expansion of nociceptive withdrawal reflex receptive fields in spinal cord injured humans. <i>Clinical Neurophysiology</i> , 2004, 115, 2798-2810.	1.5	51
32	Hyperalgesia and temporal summation of pain after heat injury in man. <i>Pain</i> , 1998, 74, 189-197.	4.2	50
33	Interaction between cutaneous and muscle afferent activity in polysynaptic reflex pathways: a human experimental study. <i>Pain</i> , 2000, 84, 29-36.	4.2	45
34	Reflex receptive fields are enlarged in patients with musculoskeletal low back and neck pain. <i>Pain</i> , 2013, 154, 1318-1324.	4.2	45
35	Neurophysiological Correlates of Nociceptive Heterosynaptic Long-Term Potentiation in Humans. <i>Journal of Neurophysiology</i> , 2010, 103, 2107-2113.	1.8	45
36	Withdrawal reflex organisation to electrical stimulation of the dorsal foot in humans. <i>Experimental Brain Research</i> , 2001, 136, 303-312.	1.5	44

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37	Spatial and temporal profiles of flare and hyperalgesia after intradermal capsaicin. <i>Pain</i> , 2003, 105, 285-291.	4.2	43
38	Foot-sole reflex receptive fields for human withdrawal reflexes in symmetrical standing position. <i>Experimental Brain Research</i> , 2003, 152, 434-443.	1.5	42
39	Quantitative assessment of nociception in horses by use of the nociceptive withdrawal reflex evoked by transcutaneous electrical stimulation. <i>American Journal of Veterinary Research</i> , 2002, 63, 1551-1556.	0.6	41
40	Exteroceptive aspects of nociception: Insights from graphesthesia and two-point discrimination. <i>Pain</i> , 2010, 151, 45-52.	4.2	41
41	Deep Multimodal Pain Recognition: A Database and Comparison of Spatio-Temporal Visual Modalities. , 2018, , .		40
42	Convergence of nociceptive and non-nociceptive input onto the medullary dorsal horn in man. <i>NeuroReport</i> , 1998, 9, 3213-3217.	1.2	39
43	Effect of pre-emptive ketamine on sensory changes and postoperative pain after thoracotomy: comparison of epidural and intramuscular routes. <i>British Journal of Anaesthesia</i> , 2004, 93, 356-361.	3.4	38
44	Comparison of nociceptive withdrawal reflexes and recruitment curves between the forelimbs and hind limbs in conscious horses. <i>American Journal of Veterinary Research</i> , 2003, 64, 700-707.	0.6	37
45	Pain hypersensitivity and spinal nociceptive hypersensitivity in chronic pain. <i>Pain</i> , 2015, 156, 2373-2382.	4.2	37
46	Increased H-Reflex Response Induced by Intramuscular Electrical Stimulation of Latent Myofascial Trigger Points. <i>Acupuncture in Medicine</i> , 2009, 27, 150-154.	1.0	36
47	Comparison of existing electrode designs for preferential activation of cutaneous nociceptors. <i>Journal of Neural Engineering</i> , 2020, 17, 036026.	3.5	36
48	Quantitative assessment of nociceptive processes in conscious dogs by use of the nociceptive withdrawal reflex. <i>American Journal of Veterinary Research</i> , 2006, 67, 882-889.	0.6	35
49	Modulation of the human nociceptive reflex by cyclic movements. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1995, 70, 311-321.	1.2	34
50	Gradual enlargement of human withdrawal reflex receptive fields following repetitive painful stimulation. <i>Brain Research</i> , 2005, 1042, 194-204.	2.2	34
51	Plasma levels of a low-dose constant-rate-infusion of ketamine and its effect on single and repeated nociceptive stimuli in conscious dogs. <i>Veterinary Journal</i> , 2009, 182, 252-260.	1.7	34
52	Effect of romifidine on the nociceptive withdrawal reflex and temporal summation in conscious horses. <i>American Journal of Veterinary Research</i> , 2005, 66, 1992-1998.	0.6	30
53	Long-term facilitation of nociceptive withdrawal reflexes following low-frequency conditioning electrical stimulation: A new model for central sensitization in humans. <i>European Journal of Pain</i> , 2010, 14, 822-831.	2.8	30
54	Spatial temperature distribution in human hairy and glabrous skin after infrared CO2 laser radiation. <i>BioMedical Engineering OnLine</i> , 2010, 9, 69.	2.7	30

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55	Pain sensitivity is normalized after a repeated bout of eccentric exercise. <i>European Journal of Applied Physiology</i> , 2013, 113, 2595-2602.	2.5	30
56	Lateral inhibition during nociceptive processing. <i>Pain</i> , 2017, 158, 1046-1052.	4.2	30
57	Modulation of the withdrawal reflex during hemiplegic gait: Effect of stimulation site and gait phase. <i>Clinical Neurophysiology</i> , 2006, 117, 2482-2495.	1.5	29
58	New method for quantification and statistical analysis of nociceptive reflex receptive fields in humans. <i>Journal of Neuroscience Methods</i> , 2009, 178, 24-30.	2.5	29
59	Central sensitization in spinal cord injured humans assessed by reflex receptive fields. <i>Clinical Neurophysiology</i> , 2014, 125, 352-362.	1.5	29
60	Correlation between local vascular and sensory changes following tissue inflammation induced by repetitive application of topical capsaicin. <i>Brain Research</i> , 1998, 792, 1-9.	2.2	28
61	Psychophysical "perceptual maps"™ of heat and pain sensations by direct localization of CO2 laser stimuli on the skin. <i>Brain Research</i> , 2006, 1120, 106-113.	2.2	26
62	Dynamic tuning of human withdrawal reflex receptive fields during cognitive attention and distraction tasks. <i>European Journal of Pain</i> , 2011, 15, 816-821.	2.8	26
63	Influence of a Marker-Based Motion Capture System on the Performance of Microsoft Kinect v2 Skeleton Algorithm. <i>IEEE Sensors Journal</i> , 2019, 19, 171-179.	4.7	26
64	Effects of an opioid antagonist on pain intensity and withdrawal reflexes during induction of hypnotic analgesia in high- and low-hypnotizable volunteers. <i>European Journal of Pain</i> , 1998, 2, 25-34.	2.8	25
65	Withdrawal reflexes examined during human gait by ground reaction forces: site and gait phase dependency. <i>Medical and Biological Engineering and Computing</i> , 2009, 47, 29-39.	2.8	25
66	Activation of peripheral nerve fibers by electrical stimulation in the sole of the foot. <i>BMC Neuroscience</i> , 2013, 14, 116.	1.9	25
67	Correlation Between Altered Central Pain Processing and Concentration of Peritoneal Fluid Inflammatory Cytokines in Endometriosis Patients With Chronic Pelvic Pain. <i>Regional Anesthesia and Pain Medicine</i> , 2014, 39, 181-184.	2.3	25
68	Electric Stimulation of the Esophageal Mucosa: Perception and Brain-Evoked Potentials. <i>Scandinavian Journal of Gastroenterology</i> , 1994, 29, 776-781.	1.5	24
69	Mathematical Model of Nerve Fiber Activation During Low Back Peripheral Nerve Field Stimulation: Analysis of Electrode Implant Depth. <i>Neuromodulation</i> , 2014, 17, 218-225.	0.8	24
70	Investigation of the facilitation of the nociceptive withdrawal reflex evoked by repeated transcutaneous electrical stimulations as a measure of temporal summation in conscious horses. <i>American Journal of Veterinary Research</i> , 2004, 65, 901-908.	0.6	23
71	Differences in perception and brain activation following stimulation by large versus small area cutaneous surface electrodes. <i>European Journal of Pain</i> , 2012, 16, 827-837.	2.8	23
72	Rehabilitation of the hemiparetic gait by nociceptive withdrawal reflex-based functional electrical therapy: a randomized, single-blinded study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 81.	4.6	23

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73	Cognitive Processing for Step Precision Increases Beta and Gamma Band Modulation During Overground Walking. <i>Brain Topography</i> , 2018, 31, 661-671.	1.8	23
74	Selective activation of small-diameter motor fibres using exponentially rising waveforms: A theoretical study. <i>Medical and Biological Engineering and Computing</i> , 2005, 43, 493-500.	2.8	22
75	Orderly activation of human motor neurons using electrical ramp prepulses. <i>Clinical Neurophysiology</i> , 2005, 116, 597-604.	1.5	22
76	Modulation of nociceptive withdrawal reflexes evoked by single and repeated nociceptive stimuli in conscious dogs by low-dose acepromazine. <i>Veterinary Anaesthesia and Analgesia</i> , 2009, 36, 261-272.	0.6	22
77	Effect of intravenous tropisetron on modulation of pain and central hypersensitivity in chronic low back pain patients. <i>Pain</i> , 2012, 153, 311-318.	4.2	22
78	Homotopic and heterotopic variation in skin blood flow and temperature following experimental muscle pain in humans. <i>Brain Research</i> , 2008, 1232, 85-93.	2.2	21
79	Characterization of gait pattern by 3D angular accelerations in hemiparetic and healthy gait. <i>Gait and Posture</i> , 2013, 37, 183-189.	1.4	21
80	Ranking of Tests for Pain Hypersensitivity According to Their Discriminative Ability in Chronic Neck Pain. <i>Regional Anesthesia and Pain Medicine</i> , 2013, 38, 308-320.	2.3	21
81	Distinct temporal filtering mechanisms are engaged during dynamic increases and decreases of noxious stimulus intensity. <i>Pain</i> , 2015, 156, 1906-1912.	4.2	21
82	Membrane properties in small cutaneous nerve fibers in humans. <i>Muscle and Nerve</i> , 2017, 55, 195-201.	2.2	21
83	Investigating the impact of a motion capture system on Microsoft Kinect v2 recordings: A caution for using the technologies together. <i>PLoS ONE</i> , 2018, 13, e0204052.	2.5	21
84	Noninvasive assessment of the facilitation of the nociceptive withdrawal reflex by repeated electrical stimulations in conscious dogs. <i>American Journal of Veterinary Research</i> , 2007, 68, 899-907.	0.6	20
85	Reliable estimation of nociceptive withdrawal reflex thresholds. <i>Journal of Neuroscience Methods</i> , 2015, 253, 110-115.	2.5	20
86	Feasibility of using Lokomat combined with functional electrical stimulation for the rehabilitation of foot drop. <i>European Journal of Translational Myology</i> , 2016, 26, 6221.	1.7	20
87	Capsaicin-induced impairment of tactile spatial discrimination ability in man: indirect evidence for increased receptive fields in human nervous system. <i>Brain Research</i> , 1998, 797, 361-367.	2.2	19
88	Heat hyperalgesia in humans: assessed by different stimulus temperature profiles. <i>European Journal of Pain</i> , 2002, 6, 357-364.	2.8	19
89	Secondary heat hyperalgesia induced by melittin in humans. <i>European Journal of Pain</i> , 2006, 10, 121-121.	2.8	19
90	Evaluating Accuracy and Usability of Microsoft Kinect Sensors and Wearable Sensor for Tele Knee Rehabilitation after Knee Operation. , 2018, , .		18

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91	Exploration of the conditioning electrical stimulation frequencies for induction of long-term potentiation-like pain amplification in humans. <i>Experimental Brain Research</i> , 2016, 234, 2479-2489.	1.5	17
92	Psychophysical and Electrophysiological Evidence for Enhanced Pain Facilitation and Unaltered Pain Inhibition in Acute Low Back Pain Patients. <i>Journal of Pain</i> , 2017, 18, 1313-1323.	1.4	17
93	High frequency electrical stimulation induces a long-lasting enhancement of event-related potentials but does not change the perception elicited by intra-epidermal electrical stimuli delivered to the area of increased mechanical pinprick sensitivity. <i>PLoS ONE</i> , 2018, 13, e0203365.	2.5	17
94	From Perception Threshold to Ion Channelsâ€”A Computational Study. <i>Biophysical Journal</i> , 2019, 117, 281-295.	0.5	17
95	Facilitation and inhibition of withdrawal reflexes following repetitive stimulation: electro- and psychophysiological evidence for activation of noxious inhibitory controls in humans. <i>European Journal of Pain</i> , 2005, 9, 25-31.	2.8	16
96	Withdrawal reflex responses evoked by repetitive painful stimulation delivered on the sole of the foot during late stance: site, phase, and frequency modulation. <i>Experimental Brain Research</i> , 2009, 194, 359-368.	1.5	16
97	Design and test of a Microsoft Kinect-based system for delivering adaptive visual feedback to stroke patients during training of upper limb movement. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 1927-1935.	2.8	16
98	Depression of the human nociceptive withdrawal reflex by segmental and heterosegmental intramuscular electrical stimulation. <i>Clinical Neurophysiology</i> , 2007, 118, 1626-1632.	1.5	15
99	Reorganization of multi-muscle and joint withdrawal reflex during arm movements in post-stroke hemiparetic patients. <i>Clinical Neurophysiology</i> , 2012, 123, 527-540.	1.5	15
100	Ipsilateral resistance exercise prevents exercise-induced central sensitization in the contralateral limb: a randomized controlled trial. <i>European Journal of Applied Physiology</i> , 2015, 115, 2253-2262.	2.5	15
101	Cold pain hypersensitivity predicts trajectories of pain and disability after low back surgery: a prospective cohort study. <i>Pain</i> , 2021, 162, 184-194.	4.2	15
102	Surface EMG crosstalk during phasic involuntary muscle activation in the nociceptive withdrawal reflex. <i>Muscle and Nerve</i> , 2012, 46, 228-236.	2.2	14
103	Can quantitative sensory tests predict failed back surgery?. <i>European Journal of Anaesthesiology</i> , 2019, 36, 695-704.	1.7	14
104	Nociceptive withdrawal reflexes evoked by uniform-temperature laser heat stimulation of large skin areas in humans. <i>Journal of Neuroscience Methods</i> , 2007, 160, 85-92.	2.5	13
105	Experimental and model-based analysis of differences in perception of cutaneous electrical stimulation across the sole of the foot. <i>Medical and Biological Engineering and Computing</i> , 2013, 51, 999-1009.	2.8	13
106	Tempo-spatial discrimination is lower for noxious stimuli than for innocuous stimuli. <i>Pain</i> , 2018, 159, 393-401.	4.2	13
107	Design and test of an automated version of the modified Jebsen test of hand function using Microsoft Kinect. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 38.	4.6	12
108	Developing a telerehabilitation programme for postoperative recovery from knee surgery: specifications and requirements. <i>BMJ Health and Care Informatics</i> , 2019, 26, e000022.	3.0	12

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109	Development of an individualized asynchronous sensor-based telerehabilitation program for patients undergoing total knee replacement: Participatory design. <i>Health Informatics Journal</i> , 2020, 26, 2492-2511.	2.1	12
110	Probabilistic model for individual assessment of central hyperexcitability using the nociceptive withdrawal reflex: a biomarker for chronic low back and neck pain. <i>BMC Neuroscience</i> , 2013, 14, 110.	1.9	11
111	Dynamic Changes in Nociception and Pain Perception After Spinal Cord Stimulation in Chronic Neuropathic Pain Patients. <i>Clinical Journal of Pain</i> , 2015, 31, 1046-1053.	1.9	11
112	On the use of information theory for the analysis of synchronous nociceptive withdrawal reflexes and somatosensory evoked potentials elicited by graded electrical stimulation. <i>Journal of Neuroscience Methods</i> , 2015, 240, 1-12.	2.5	11
113	Preferential activation of small cutaneous fibers through small pin electrode also depends on the shape of a long duration electrical current. <i>BMC Neuroscience</i> , 2019, 20, 48.	1.9	11
114	Conditioning of the masseter inhibitory reflex by homotopically applied painful heat in humans. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1998, 109, 508-514.	1.4	10
115	Repetitive Painful Stimulation Produces an Expansion of Withdrawal Reflex Receptive Fields in Humans. <i>Artificial Organs</i> , 2005, 29, 224-228.	1.9	10
116	Breakdown of accommodation in nerve: a possible role for persistent sodium current. <i>Theoretical Biology and Medical Modelling</i> , 2005, 2, 16.	2.1	10
117	Introducing the reflex probability maps in the quantification of nociceptive withdrawal reflex receptive fields in humans. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 67-76.	1.7	10
118	Comparison of hyperalgesia induced by capsaicin injection and controlled heat injury: effect on temporal summation. <i>Somatosensory & Motor Research</i> , 2004, 21, 15-24.	0.9	9
119	Secondary heat hyperalgesia detected by radiant heat stimuli in humans: Evaluation of stimulus intensity and duration. <i>Somatosensory & Motor Research</i> , 2005, 22, 233-237.	0.9	9
120	Chapter 33 Electrophysiological assessment of pain. <i>Supplements To Clinical Neurophysiology</i> , 2006, 59, 241-249.	2.1	9
121	Design and Test of a Novel Closed-Loop System That Exploits the Nociceptive Withdrawal Reflex for Swing-Phase Support of the Hemiparetic Gait. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 960-970.	4.2	9
122	Quantitative assessment of the nociceptive withdrawal reflex in healthy, non-medicated experimental sheep. <i>Physiology and Behavior</i> , 2014, 129, 181-185.	2.1	9
123	Investigating stimulation parameters for preferential small-fiber activation using exponentially rising electrical currents. <i>Journal of Neurophysiology</i> , 2019, 122, 1745-1752.	1.8	9
124	Effects of cold stimulation on secondary hyperalgesia (HA) induced by capsaicin in healthy volunteers. <i>Experimental Brain Research</i> , 2006, 170, 22-29.	1.5	8
125	Modulating effects of bodyweight unloading on the lower limb nociceptive withdrawal reflex during symmetrical stance. <i>Clinical Neurophysiology</i> , 2012, 123, 1035-1043.	1.5	8
126	Adaptive behaviour of the spinal cord in the transition from quiet stance to walking. <i>BMC Neuroscience</i> , 2012, 13, 80.	1.9	8

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127	Analysis of muscle fiber conduction velocity enables reliable detection of surface EMG crosstalk during detection of nociceptive withdrawal reflexes. <i>BMC Neuroscience</i> , 2013, 14, 39.	1.9	8
128	Percentile normative values of parameters of electrical pain and reflex thresholds. <i>Scandinavian Journal of Pain</i> , 2013, 4, 120-124.	1.3	8
129	A new objective method for acquisition and quantification of reflex receptive fields. <i>Pain</i> , 2015, 156, 555-564.	4.2	8
130	Test-Retest Reliability of 10 Hz Conditioning Electrical Stimulation Inducing Long-Term Potentiation (LTP)-Like Pain Amplification in Humans. <i>PLoS ONE</i> , 2016, 11, e0161117.	2.5	8
131	Intense and sustained pain reduces cortical responses to auditory stimuli: Implications for the interpretation of the effects of heterotopic noxious conditioning stimulation in humans. <i>European Journal of Neuroscience</i> , 2019, 50, 3934-3943.	2.6	8
132	Independent psychophysical measurement of experimental modulations in the somatotopy of cutaneous heat-pain stimuli. <i>Somatosensory & Motor Research</i> , 2009, 26, 11-17.	0.9	7
133	Repeated electrical stimulations as a tool to evoke temporal summation of nociceptive inputs in healthy, non-medicated experimental sheep. <i>Physiology and Behavior</i> , 2015, 142, 85-89.	2.1	7
134	Stimulation site and phase modulation of the withdrawal reflex during gait initiation. <i>Clinical Neurophysiology</i> , 2015, 126, 2282-2289.	1.5	7
135	Design and Test of a Closed-Loop FES System for Supporting Function of the Hemiparetic Hand Based on Automatic Detection Using the Microsoft Kinect Sensor. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 1249-1256.	4.9	7
136	Psychophysical or spinal reflex measures when assessing conditioned pain modulation?. <i>European Journal of Pain</i> , 2019, 23, 1879-1889.	2.8	7
137	The effect of heat conditioning of the primary area before and after induction of hyperalgesia by topical/intradermal capsaicin or by controlled heat injury. <i>Somatosensory & Motor Research</i> , 2001, 18, 295-302.	0.9	6
138	Tibialis Anterior and Soleus Withdrawal Reflexes Elicited by Electrical Stimulation of the Sole of the Foot during Gait. <i>Neuromodulation</i> , 2004, 7, 126-132.	0.8	6
139	The effects of isoflurane minimum alveolar concentration on withdrawal reflex activity evoked by repeated transcutaneous electrical stimulation in ponies. <i>Veterinary Journal</i> , 2010, 183, 337-344.	1.7	6
140	Cutaneous nociceptive sensitization affects the directional discrimination “ but not the 2-point discrimination. <i>Scandinavian Journal of Pain</i> , 2019, 19, 605-613.	1.3	6
141	Gait Orthosis Lokomat Combined with Functional Electrical Stimulation for Foot Drop Correction: A Feasibility Study. <i>Biosystems and Biorobotics</i> , 2014, , 751-757.	0.3	6
142	Vasomotor response to cold stimulation in human capsaicin-induced hyperalgesic area. <i>Experimental Brain Research</i> , 2005, 164, 334-340.	1.5	5
143	Modulation of heat evoked nociceptive withdrawal reflexes by painful intramuscular conditioning stimulation. <i>Experimental Brain Research</i> , 2006, 174, 775-780.	1.5	5
144	Adaptation of Local Muscle Blood Flow and Surface Electromyography to Repeated Bouts of Eccentric Exercise. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 1017-1026.	2.1	5

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145	Modular organization of the head retraction responses elicited by electrical painful stimulation of the facial skin in humans. <i>Clinical Neurophysiology</i> , 2015, 126, 2306-2313.	1.5	5
146	Exploration of conditioned pain modulation effect on long-term potentiation-like pain amplification in humans. <i>European Journal of Pain</i> , 2017, 21, 645-657.	2.8	5
147	Conditioned pain modulation affects the withdrawal reflex pattern to nociceptive stimulation in humans. <i>Neuroscience</i> , 2019, 408, 259-271.	2.3	5
148	Does Threat Enlarge Nociceptive Reflex Receptive Fields?. <i>Journal of Pain</i> , 2021, 22, 487-497.	1.4	5
149	Variability and effect sizes of intracranial current source density estimations during pain: Systematic review, experimental findings, and future perspectives. <i>Human Brain Mapping</i> , 2021, 42, 2461-2476.	3.6	5
150	Capsaicin in human experimental pain models of skin, muscle and visceral sensitization. , 2005, , 117-144.		4
151	A Novel Stimulation Paradigm to Limit the Habituation of the Nociceptive Withdrawal Reflex. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1100-1107.	4.9	4
152	Spinal spatial integration of nociception and its functional role assessed via the nociceptive withdrawal reflex and psychophysical measures in healthy humans. <i>Physiological Reports</i> , 2020, 8, e14648.	1.7	4
153	Increased preferential activation of small cutaneous nerve fibers by optimization of electrode design parameters. <i>Journal of Neural Engineering</i> , 2021, 18, 016020.	3.5	4
154	Spinal Nociception is Facilitated during Cognitive Distraction. <i>Neuroscience</i> , 2022, 491, 134-145.	2.3	4
155	Novel cross correlation technique allows crosstalk resistant reflex detection from surface EMG. , 2012, 2012, 3531-4.		3
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