

Kelun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

2,623
citations

201674

27
h-index

206112

48
g-index

101
all docs

101
docs citations

101
times ranked

1965
citing authors

#	ARTICLE	IF	CITATIONS
1	Conditioned pain modulation is not associated with thermal pain illusion. <i>Scandinavian Journal of Pain</i> , 2023, 23, 175-183.	1.3	1
2	Quantitative sensory testing of mandibular somatosensory function following orthognathic surgeryâ€”A pilot study in Chinese with class III malocclusion. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 160-169.	3.0	0
3	Painful cold-heat segmental pulse stimulation provokes the thermal pain illusion. <i>Somatosensory & Motor Research</i> , 2022, 39, 1-9.	0.9	4
4	Acute postoperative pain after orthognathic surgery can be predicted by the preoperative evaluation of conditioned pain modulation and pain catastrophizing. <i>Pain Reports</i> , 2022, 7, e989.	2.7	6
5	Microcirculation and somatosensory profiling of patients with periodontitis: a preliminary case control report. <i>Clinical Oral Investigations</i> , 2021, 25, 1223-1233.	3.0	5
6	Effect of photobiomodulation therapy on painful temporomandibular disorders. <i>Scientific Reports</i> , 2021, 11, 9049.	3.3	3
7	Effects of Novel Vibro-Acupuncture on Healthy Subjects and Those with Experimental and Clinical Pain as Assessed by Quantitative Sensory Testing. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2021, 14, 157-166.	0.7	0
8	Sensory recovery and oral health-related quality of life following tongue reconstruction using non-innervated radial forearm free flaps. <i>Oral Oncology</i> , 2021, 121, 105471.	1.5	6
9	Dentists have a high occupational risk of neck disorders with impact on somatosensory function and neck mobility. <i>Journal of Occupational Health</i> , 2021, 63, e12269.	2.1	7
10	Somatosensory profiling of patients with plaque-induced gingivitis: a caseâ€”control study. <i>Clinical Oral Investigations</i> , 2020, 24, 875-882.	3.0	6
11	Effect of transcutaneous electrical nerve stimulation on jaw movement-evoked pain in patients with TMJ disc displacement without reduction and healthy controls. <i>Acta Odontologica Scandinavica</i> , 2020, 78, 309-320.	1.6	15
12	Gender differences in clinical and psychological variables associated with the burden of headache in tension-type headache. <i>Women and Health</i> , 2020, 60, 652-663.	1.0	10
13	The Potential of Nano-Porous Surface Structure for Pain Therapeutic Applications: Surface Properties and Evaluation of Pain Perception. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4578.	2.5	2
14	Adjunctive effects of laser therapy on somatosensory function and vasomotor regulation of periodontal tissues in patients with periodontitis: A randomized controlled clinical trial. <i>Journal of Periodontology</i> , 2020, 91, 1307-1317.	3.4	5
15	Variables associated with use of symptomatic medication during a headache attack in individuals with tension-type headache: a European study. <i>BMC Neurology</i> , 2020, 20, 43.	1.8	5
16	The pro-algesic effect of Î³-aminobutyric acid (GABA) injection into the masseter muscle of healthy men and women. <i>Scandinavian Journal of Pain</i> , 2019, 20, 139-150.	1.3	1
17	An updated review on pathophysiology and management of burning mouth syndrome with endocrinological, psychological and neuropathic perspectives. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 574-587.	3.0	54
18	Variables Associated With the Use of Prophylactic Amitriptyline Treatment in Patients With Tension-type Headache. <i>Clinical Journal of Pain</i> , 2019, 35, 315-320.	1.9	17

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19	Effects of Motor Training on Accuracy and Precision of Jaw and Finger Movements. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	2.2	5
20	Somatosensory changes at forearm donor sites following three different surgical flap techniques. <i>International Journal of Surgery</i> , 2018, 53, 326-332.	2.7	4
21	Acid-induced experimental knee pain and hyperalgesia in healthy humans. <i>Experimental Brain Research</i> , 2018, 236, 587-598.	1.5	5
22	Pain Adaptability in Individuals With Chronic Musculoskeletal Pain Is Not Associated With Conditioned Pain Modulation. <i>Journal of Pain</i> , 2018, 19, 897-909.	1.4	6
23	Trigger points are associated with widespread pressure pain sensitivity in people with tension-type headache. <i>Cephalalgia</i> , 2018, 38, 237-245.	3.9	23
24	Quantitative sensory testing (QST) in the orofacial region of healthy Chinese: influence of site, gender and age. <i>Acta Odontologica Scandinavica</i> , 2018, 76, 58-63.	1.6	14
25	Quantitative sensory testing for assessment of somatosensory function in human oral mucosa: a review. <i>Acta Odontologica Scandinavica</i> , 2018, 76, 13-20.	1.6	15
26	Effect of Heâ€™s Santong Needling Method on Dysphagia after Stroke: A Study Protocol for a Prospective Randomized Controlled Pilot Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9.	1.2	0
27	Effect of low-level laser therapy on tooth-related pain and somatosensory function evoked by orthodontic treatment. <i>International Journal of Oral Science</i> , 2018, 10, 22.	8.6	22
28	Variables associated with sleep quality in chronic tension-type headache: A cross-sectional and longitudinal design. <i>PLoS ONE</i> , 2018, 13, e0197381.	2.5	16
29	Topographical Pressure Pain Sensitivity Maps of the Temporalis Muscle in People with Frequent Episodic and Chronic Tensionâ€™type Headache. <i>Pain Practice</i> , 2017, 17, 1050-1057.	1.9	6
30	The association of headache frequency with pain interference and the burden of disease is mediated by depression and sleep quality, but not anxiety, in chronic tension type headache. <i>Journal of Headache and Pain</i> , 2017, 18, 19.	6.0	28
31	Identification of subgroups of patients with tension type headache with higher widespread pressure pain hyperalgesia. <i>Journal of Headache and Pain</i> , 2017, 18, 43.	6.0	5
32	Temporal summation and motor function modulation during repeated jaw movements in patients with temporomandibular disorder pain and healthy controls. <i>Pain</i> , 2017, 158, 1272-1279.	4.2	10
33	Acid-induced experimental muscle pain and hyperalgesia with single and repeated infusion in human forearm. <i>Scandinavian Journal of Pain</i> , 2017, 17, 260-266.	1.3	7
34	Widespread Pressure Pain Hypersensitivity Is Similar in Women With Frequent Episodic and Chronic Tensionâ€™type Headache: A Blinded Caseâ€™Control Study. <i>Headache</i> , 2017, 57, 217-225.	3.9	15
35	Being Adaptive to Pain Enhances Sham Acupuncture Analgesia: A Crossover Healthy Human Study. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2017, 10, 385-395.	0.7	1
36	Acupuncture Therapies and Neuroplasticity. <i>Neural Plasticity</i> , 2017, 2017, 1-2.	2.2	6

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37	The burden of headache is associated to pain interference, depression and headache duration in chronic tension type headache: a 1-year longitudinal study. <i>Journal of Headache and Pain</i> , 2017, 18, 119.	6.0	19
38	Transient Pain Following Orthodontic Fixed Appliances Induces Sensitization of Gingival and Periodontal Tissues. <i>Journal of Oral and Facial Pain and Headache</i> , 2016, 30, 228-233.	1.4	7
39	Introducing Vibro-Acupuncture: A Psychophysical Study. <i>Acupuncture in Medicine</i> , 2016, 34, 373-379.	1.0	2
40	Quantitative sensory testing of dentinal sensitivity in healthy humans. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 259-264.	1.6	5
41	Assessment of periodontal mechano-nociceptive function in healthy Chinese individuals. <i>Archives of Oral Biology</i> , 2016, 71, 104-109.	1.8	4
42	Fixed orthodontic appliances cause pain and disturbance in somatosensory function. <i>European Journal of Oral Sciences</i> , 2016, 124, 26-32.	1.5	11
43	Somatosensory abnormalities in Chinese patients with painful temporomandibular disorders. <i>Journal of Headache and Pain</i> , 2016, 17, 31.	6.0	19
44	Test-retest reliability of a new technique with pressure algometry applied to teeth in healthy Chinese individuals. <i>European Journal of Oral Sciences</i> , 2016, 124, 259-265.	1.5	7
45	Sleep bruxism: an updated review of an old problem. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 328-334.	1.6	37
46	Psychophysical and Vasomotor Responses of the Oral Tissues: A Nicotine Dose-Response and Menthol Interaction Study. <i>Nicotine and Tobacco Research</i> , 2016, 18, 596-603.	2.6	11
47	Intramuscular Temperature Modulates Glutamate-Evoked Masseter Muscle Pain Intensity in Humans. <i>Journal of Oral and Facial Pain and Headache</i> , 2015, 29, 158-167.	1.4	7
48	Thermal and mechanical quantitative sensory testing in chinese patients with burning mouth syndrome – a probable neuropathic pain condition?. <i>Journal of Headache and Pain</i> , 2015, 16, 84.	6.0	39
49	Reliability study of thermal quantitative sensory testing in healthy Chinese. <i>Somatosensory & Motor Research</i> , 2014, 31, 198-203.	0.9	12
50	A study on variability of quantitative sensory testing in healthy participants and painful temporomandibular disorder patients. <i>Somatosensory & Motor Research</i> , 2014, 31, 62-71.	0.9	28
51	Modulation of neck muscle activity induced by intra-oral stimulation in humans. <i>Clinical Neurophysiology</i> , 2014, 125, 1006-1011.	1.5	5
52	Jaw-stretch reflex is weaker in patients after orthognathic surgery. <i>Archives of Oral Biology</i> , 2014, 59, 1321-1327.	1.8	1
53	Conditioned pain modulation in temporomandibular disorders (TMD) pain patients. <i>Experimental Brain Research</i> , 2014, 232, 3111-3119.	1.5	63
54	Adaptability to pain is associated with potency of local pain inhibition, but not conditioned pain modulation: A healthy human study. <i>Pain</i> , 2014, 155, 968-976.	4.2	19

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55	Effect of conditioned pain modulation on trigeminal somatosensory function evaluated by quantitative sensory testing. <i>Pain</i> , 2013, 154, 2684-2690.	4.2	27
56	Influence of age and gender on trigeminal sensory function and magnetically evoked masseteric exteroceptive suppression reflex. <i>Archives of Oral Biology</i> , 2012, 57, 995-1002.	1.8	8
57	Comparison of glutamate-evoked pain between the temporalis and masseter muscles in men and women. <i>Pain</i> , 2012, 153, 823-829.	4.2	42
58	Conditioned pain modulation evoked by a mechanical craniofacial stimulus is not influenced by noxious stimulation of the temporomandibular joint. <i>Journal of Orofacial Pain</i> , 2012, 26, 105-116.	1.7	8
59	The inter- and intra-individual variance in descending pain modulation evoked by different conditioning stimuli in healthy men. <i>Scandinavian Journal of Pain</i> , 2011, 2, 162-169.	1.3	75
60	Quantitative sensory testing in the trigeminal region: site and gender differences. <i>Journal of Orofacial Pain</i> , 2011, 25, 161-9.	1.7	28
61	Conditioned pain modulation evoked by different intensities of mechanical stimuli applied to the craniofacial region in healthy men and women. <i>Journal of Orofacial Pain</i> , 2011, 25, 364-75.	1.7	20
62	Normalization reduces the spatial dependency of the jaw stretch reflex activity in the human masseter muscle. <i>Muscle and Nerve</i> , 2010, 41, 78-84.	2.2	2
63	Magnetic and electric stimulation to elicit the masseteric exteroceptive suppression period. <i>Clinical Neurophysiology</i> , 2010, 121, 793-799.	1.5	4
64	Painful conditioning stimuli of the craniofacial region evokes diffuse noxious inhibitory controls in men and women. <i>Journal of Orofacial Pain</i> , 2010, 24, 255-61.	1.7	6
65	Ethnic differences regarding sensory, pain, and reflex responses in the trigeminal region. <i>Clinical Neurophysiology</i> , 2009, 120, 384-389.	1.5	34
66	Blink reflexes in chronic tension-type headache patients and healthy controls. <i>Clinical Neurophysiology</i> , 2009, 120, 1711-1716.	1.5	22
67	Relation between electrical stimulus intensity, masseteric exteroceptive reflex and sensory perception. <i>Journal of Prosthodontic Research</i> , 2009, 53, 89-94.	2.8	6
68	Vascular and psychophysical effects of topical capsaicin application to orofacial tissues. <i>Journal of Orofacial Pain</i> , 2009, 23, 253-64.	1.7	13
69	Effects of NGF-induced muscle sensitization on proprioception and nociception. <i>Experimental Brain Research</i> , 2008, 189, 1-10.	1.5	64
70	Glutamate-evoked jaw muscle pain as a model of persistent myofascial TMD pain?. <i>Archives of Oral Biology</i> , 2008, 53, 666-676.	1.8	55
71	The influence of psychological state on the masseteric exteroceptive suppression reflex and somatosensory function. <i>Clinical Neurophysiology</i> , 2008, 119, 2321-2328.	1.5	10
72	Does eccentric-exercise-induced jaw muscle soreness influence brainstem reflexes?. <i>Clinical Neurophysiology</i> , 2008, 119, 2819-2828.	1.5	11

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73	Effect of peripheral NMDA receptor blockade with ketamine on chronic myofascial pain in temporomandibular disorder patients: a randomized, double-blinded, placebo-controlled trial. <i>Journal of Orofacial Pain</i> , 2008, 22, 122-30.	1.7	29
74	The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans. <i>Pain</i> , 2007, 132, 169-178.	4.2	124
75	Effect of low-level clenching and subsequent muscle pain on exteroceptive suppression and resting muscle activity in human jaw muscles. <i>Clinical Neurophysiology</i> , 2007, 118, 999-1009.	1.5	38
76	Influence of jaw gape on EMG of jaw muscles and jaw-stretch reflexes. <i>Archives of Oral Biology</i> , 2007, 52, 562-570.	1.8	9
77	Effect of a peripheral NMDA receptor antagonist on glutamate-evoked masseter muscle pain and mechanical sensitization in women. <i>Journal of Orofacial Pain</i> , 2007, 21, 216-24.	1.7	19
78	Correlation and cluster analysis of sensory, pain, and reflex thresholds to various stimulus modalities in symptom-free subjects. <i>Clinical Neurophysiology</i> , 2006, 117, 2016-2022.	1.5	9
79	Effects of subcutaneous administration of glutamate on pain, sensitization and vasomotor responses in healthy men and women. <i>Pain</i> , 2006, 124, 338-348.	4.2	66
80	Ketamine attenuates glutamate-induced mechanical sensitization of the masseter muscle in human males. <i>Experimental Brain Research</i> , 2006, 169, 467-472.	1.5	85
81	Influence of age and gender on the jaw-stretch and blink reflexes. <i>Experimental Brain Research</i> , 2006, 171, 530-540.	1.5	30
82	Effects of muscle fatigue induced by low-level clenching on experimental muscle pain and resting jaw muscle activity: gender differences. <i>Experimental Brain Research</i> , 2006, 174, 566-574.	1.5	40
83	Exteroceptive suppression periods in masseteric EMG: Use of stimulus-response curves. <i>Archives of Oral Biology</i> , 2005, 50, 994-1004.	1.8	13
84	Effect of experimental posterior temporalis muscle pain on human brainstem reflexes. <i>Clinical Neurophysiology</i> , 2005, 116, 1611-1620.	1.5	19
85	Gender difference in masseteric exteroceptive suppression period and pain perception. <i>Clinical Neurophysiology</i> , 2005, 116, 2599-2605.	1.5	18
86	Associations between pain and neuromuscular activity in the human jaw and neck muscles. <i>Pain</i> , 2004, 109, 225-232.	4.2	95
87	Simultaneous modulation of the exteroceptive suppression periods in the trapezius and temporalis muscles by experimental muscle pain. <i>Clinical Neurophysiology</i> , 2004, 115, 1399-1408.	1.5	25
88	Reduction of clinical temporomandibular joint pain is associated with a reduction of the jaw-stretch reflex. <i>Journal of Orofacial Pain</i> , 2004, 18, 33-40.	1.7	13
89	Effect of muscle relaxants on experimental jaw-muscle pain and jaw-stretch reflexes: a double-blind and placebo-controlled trial. <i>European Journal of Pain</i> , 2003, 7, 449-456.	2.8	37
90	Hypoalgesia to pressure pain in referred pain areas triggered by spatial summation of experimental muscle pain from unilateral or bilateral trapezius muscles. <i>European Journal of Pain</i> , 2003, 7, 531-537.	2.8	31

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91	Glutamate-evoked pain and mechanical allodynia in the human masseter muscle. <i>Pain</i> , 2003, 101, 221-227.	4.2	168
92	Injection of nerve growth factor into human masseter muscle evokes long-lasting mechanical allodynia and hyperalgesia. <i>Pain</i> , 2003, 104, 241-247.	4.2	219
93	Activation of Peripheral NMDA Receptors Contributes to Human Pain and Rat Afferent Discharges Evoked by Injection of Glutamate into the Masseter Muscle. <i>Journal of Neurophysiology</i> , 2003, 90, 2098-2105.	1.8	206
94	The effect of glutamate-evoked masseter muscle pain on the human jaw-stretch reflex differs in men and women. <i>Journal of Orofacial Pain</i> , 2003, 17, 317-25.	1.7	40
95	Effects of local and remote muscle pain on human jaw reflexes evoked by fast stretches at different clenching levels. <i>Experimental Brain Research</i> , 2001, 139, 495-502.	1.5	36
96	Influence of methodological parameters on human jaw-stretch reflexes. <i>European Journal of Oral Sciences</i> , 2001, 109, 86-94.	1.5	16
97	Excitatory actions of experimental muscle pain on early and late components of human jaw stretch reflexes. <i>Archives of Oral Biology</i> , 2001, 46, 433-442.	1.8	20
98	Effect of tonic muscle pain on short-latency jaw-stretch reflexes in humans. <i>Pain</i> , 2000, 88, 189-197.	4.2	54
99	Modulation of exteroceptive suppression periods in human jaw-closing muscles by local and remote experimental muscle pain. <i>Pain</i> , 1999, 82, 253-262.	4.2	72
100	Modulation of an inhibitory reflex in single motor units in human masseter by tonic painful stimulation. <i>Pain</i> , 1999, 83, 441-446.	4.2	26