Kelun Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/926720/publications.pdf

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	Injection of nerve growth factor into human masseter muscle evokes long-lasting mechanical allodynia and hyperalgesia. Pain, 2003, 104, 241-247.	4.2	219
2	Activation of Peripheral NMDA Receptors Contributes to Human Pain and Rat Afferent Discharges Evoked by Injection of Glutamate into the Masseter Muscle. Journal of Neurophysiology, 2003, 90, 2098-2105.	1.8	206
3	Glutamate-evoked pain and mechanical allodynia in the human masseter muscle. Pain, 2003, 101, 221-227.	4.2	168
4	The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans. Pain, 2007, 132, 169-178.	4.2	124
5	Associations between pain and neuromuscular activity in the human jaw and neck muscles. Pain, 2004, 109, 225-232.	4.2	95
6	Ketamine attenuates glutamate-induced mechanical sensitization of the masseter muscle in human males. Experimental Brain Research, 2006, 169, 467-472.	1.5	85
7	The inter- and intra-individual variance in descending pain modulation evoked by different conditioning stimuli in healthy men. Scandinavian Journal of Pain, 2011, 2, 162-169.	1.3	75
8	Modulation of exteroceptive suppression periods in human jaw-closing muscles by local and remote experimental muscle pain. Pain, 1999, 82, 253-262.	4.2	72
9	Effects of subcutaneous administration of glutamate on pain, sensitization and vasomotor responses in healthy men and women. Pain, 2006, 124, 338-348.	4.2	66
10	Effects of NGF-induced muscle sensitization on proprioception and nociception. Experimental Brain Research, 2008, 189, 1-10.	1.5	64
11	Conditioned pain modulation in temporomandibular disorders (TMD) pain patients. Experimental Brain Research, 2014, 232, 3111-3119.	1.5	63
12	Glutamate-evoked jaw muscle pain as a model of persistent myofascial TMD pain?. Archives of Oral Biology, 2008, 53, 666-676.	1.8	55
13	Effect of tonic muscle pain on short-latency jaw-stretch reflexes in humans. Pain, 2000, 88, 189-197.	4.2	54
14	An updated review on pathophysiology and management of burning mouth syndrome with endocrinological, psychological and neuropathic perspectives. Journal of Oral Rehabilitation, 2019, 46, 574-587.	3.0	54
15	Comparison of glutamate-evoked pain between the temporalis and masseter muscles in men and women. Pain, 2012, 153, 823-829.	4.2	42
16	Effects of muscle fatigue induced by low-level clenching on experimental muscle pain and resting jaw muscle activity: gender differences. Experimental Brain Research, 2006, 174, 566-574.	1.5	40
17	The effect of glutamate-evoked masseter muscle pain on the human jaw-stretch reflex differs in men and women. Journal of Orofacial Pain, 2003, 17, 317-25.	1.7	40
18	Thermal and mechanical quantitative sensory testing in chinese patients with burning mouth syndrome â€“ a probable neuropathic pain condition?. Journal of Headache and Pain, 2015, 16, 84.	6.0	39

#	Article	IF	Citations
19	Effect of low-level clenching and subsequent muscle pain on exteroceptive suppression and resting muscle activity in human jaw muscles. Clinical Neurophysiology, 2007, 118, 999-1009.	1.5	38
20	Effect of muscle relaxants on experimental jaw-muscle pain and jaw-stretch reflexes: a double-blind and placebo-controlled trial. European Journal of Pain, 2003, 7, 449-456.	2.8	37
21	Sleep bruxism: an updated review of an old problem. Acta Odontologica Scandinavica, 2016, 74, 328-334.	1.6	37
22	Effects of local and remote muscle pain on human jaw reflexes evoked by fast stretches at different clenching levels. Experimental Brain Research, 2001, 139, 495-502.	1.5	36
23	Ethnic differences regarding sensory, pain, and reflex responses in the trigeminal region. Clinical Neurophysiology, 2009, 120, 384-389.	1.5	34
24	Hypoalgesia to pressure pain in referred pain areas triggered by spatial summation of experimental muscle pain from unilateral or bilateral trapezius muscles. European Journal of Pain, 2003, 7, 531-537.	2.8	31
25	Influence of age and gender on the jaw-stretch and blink reflexes. Experimental Brain Research, 2006, 171, 530-540.	1.5	30
26	Effect of peripheral NMDA receptor blockade with ketamine on chronic myofascial pain in temporomandibular disorder patients: a randomized, double-blinded, placebo-controlled trial. Journal of Orofacial Pain, 2008, 22, 122-30.	1.7	29
27	A study on variability of quantitative sensory testing in healthy participants and painful temporomandibular disorder patients. Somatosensory & Motor Research, 2014, 31, 62-71.	0.9	28
28	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. Journal of Headache and Pain, 2017, 18, 19.	6.0	28
29	Quantitative sensory testing in the trigeminal region: site and gender differences. Journal of Orofacial Pain, 2011, 25, 161-9.	1.7	28
30	Effect of conditioned pain modulation on trigeminal somatosensory function evaluated by quantitative sensory testing. Pain, 2013, 154, 2684-2690.	4.2	27
31	Modulation of an inhibitory reflex in single motor units in human masseter by tonic painful stimulation. Pain, 1999, 83, 441-446.	4.2	26
32	Simultaneous modulation of the exteroceptive suppression periods in the trapezius and temporalis muscles by experimental muscle pain. Clinical Neurophysiology, 2004, 115, 1399-1408.	1.5	25
33	Trigger points are associated with widespread pressure pain sensitivity in people with tension-type headache. Cephalalgia, 2018, 38, 237-245.	3.9	23
34	Blink reflexes in chronic tension-type headache patients and healthy controls. Clinical Neurophysiology, 2009, 120, 1711-1716.	1.5	22
35	Effect of low-level laser therapy on tooth-related pain and somatosensory function evoked by orthodontic treatment. International Journal of Oral Science, 2018, 10, 22.	8.6	22
36	Excitatory actions of experimental muscle pain on early and late components of human jaw stretch reflexes. Archives of Oral Biology, 2001, 46, 433-442.	1.8	20

#	Article	IF	Citations
37	Conditioned pain modulation evoked by different intensities of mechanical stimuli applied to the craniofacial region in healthy men and women. Journal of Orofacial Pain, 2011, 25, 364-75.	1.7	20
38	Effect of experimental posterior temporalis muscle pain on human brainstem reflexes. Clinical Neurophysiology, 2005, 116, 1611-1620.	1.5	19
39	Adaptability to pain is associated with potency of local pain inhibition, but not conditioned pain modulation: A healthy human study. Pain, 2014, 155, 968-976.	4.2	19
40	Somatosensory abnormalities in Chinese patients with painful temporomandibular disorders. Journal of Headache and Pain, 2016, 17, 31.	6.0	19
41	The burden of headache is associated to pain interference, depression and headache duration in chronic tension type headache: a 1-year longitudinal study. Journal of Headache and Pain, 2017, 18, 119.	6.0	19
42	Effect of a peripheral NMDA receptor antagonist on glutamate-evoked masseter muscle pain and mechanical sensitization in women. Journal of Orofacial Pain, 2007, 21, 216-24.	1.7	19
43	Gender difference in masseteric exteroceptive suppression period and pain perception. Clinical Neurophysiology, 2005, 116, 2599-2605.	1.5	18
44	Variables Associated With the Use of Prophylactic Amitriptyline Treatment in Patients With Tension-type Headache. Clinical Journal of Pain, 2019, 35, 315-320.	1.9	17
45	Influence of methodological parameters on human jaw-stretch reflexes. European Journal of Oral Sciences, 2001, 109, 86-94.	1.5	16
46	Variables associated with sleep quality in chronic tension-type headache: A cross-sectional and longitudinal design. PLoS ONE, 2018, 13, e0197381.	2.5	16
47	Widespread Pressure Pain Hypersensitivity Is Similar in Women With Frequent Episodic and Chronic Tensionâ€Type Headache: A Blinded Caseâ€“Control Study. Headache, 2017, 57, 217-225.	3.9	15
48	Quantitative sensory testing for assessment of somatosensory function in human oral mucosa: a review. Acta Odontologica Scandinavica, 2018, 76, 13-20.	1.6	15
49	Effect of transcutaneous electrical nerve stimulation on jaw movement-evoked pain in patients with TMJ disc displacement without reduction and healthy controls. Acta Odontologica Scandinavica, 2020, 78, 309-320.	1.6	15
50	Quantitative sensory testing (QST) in the orofacial region of healthy Chinese: influence of site, gender and age. Acta Odontologica Scandinavica, 2018, 76, 58-63.	1.6	14
51	Exteroceptive suppression periods in masseteric EMG: Use of stimulusâ€“response curves. Archives of Oral Biology, 2005, 50, 994-1004.	1.8	13
52	Vascular and psychophysical effects of topical capsaicin application to orofacial tissues. Journal of Orofacial Pain, 2009, 23, 253-64.	1.7	13
53	Reduction of clinical temporomandibular joint pain is associated with a reduction of the jaw-stretch reflex. Journal of Orofacial Pain, 2004, 18, 33-40.	1.7	13
54	Reliability study of thermal quantitative sensory testing in healthy Chinese. Somatosensory & Motor Research, 2014, 31, 198-203.	0.9	12

#	Article	IF	Citations
55	Does eccentric-exercise-induced jaw muscle soreness influence brainstem reflexes?. Clinical Neurophysiology, 2008, 119, 2819-2828.	1.5	11
56	Fixed orthodontic appliances cause pain and disturbance in somatosensory function. European Journal of Oral Sciences, 2016, 124, 26-32.	1.5	11
57	Psychophysical and Vasomotor Responses of the Oral Tissues: A Nicotine Dose-Response and Menthol Interaction Study. Nicotine and Tobacco Research, 2016, 18, 596-603.	2.6	11
58	The influence of psychological state on the masseteric exteroceptive suppression reflex and somatosensory function. Clinical Neurophysiology, 2008, 119, 2321-2328.	1.5	10
59	Temporal summation and motor function modulation during repeated jaw movements in patients with temporomandibular disorder pain and healthy controls. Pain, 2017, 158, 1272-1279.	4.2	10
60	Gender differences in clinical and psychological variables associated with the burden of headache in tension-type headache. Women and Health, 2020, 60, 652-663.	1.0	10
61	Correlation and cluster analysis of sensory, pain, and reflex thresholds to various stimulus modalities in symptom-free subjects. Clinical Neurophysiology, 2006, 117, 2016-2022.	1.5	9
62	Influence of jaw gape on EMG of jaw muscles and jaw-stretch reflexes. Archives of Oral Biology, 2007, 52, 562-570.	1.8	9
63	Influence of age and gender on trigeminal sensory function and magnetically evoked masseteric exteroceptive suppression reflex. Archives of Oral Biology, 2012, 57, 995-1002.	1.8	8
64	Conditioned pain modulation evoked by a mechanical craniofacial stimulus is not influenced by noxious stimulation of the temporomandibular joint. Journal of Orofacial Pain, 2012, 26, 105-16.	1.7	8
65	Intramuscular Temperature Modulates Glutamate-Evoked Masseter Muscle Pain Intensity in Humans. Journal of Oral and Facial Pain and Headache, 2015, 29, 158-167.	1.4	7
66	Transient Pain Following Orthodontic Fixed Appliances Induces Sensitization of Gingival and Periodontal Tissues. Journal of Oral and Facial Pain and Headache, 2016, 30, 228-233.	1.4	7
67	Testâ€“retest reliability of a new technique with pressure algometry applied to teeth in healthy Chinese individuals. European Journal of Oral Sciences, 2016, 124, 259-265.	1.5	7
68	Acid-induced experimental muscle pain and hyperalgesia with single and repeated infusion in human forearm. Scandinavian Journal of Pain, 2017, 17, 260-266.	1.3	7
69	Dentists have a high occupational risk of neck disorders with impact on somatosensory function and neck mobility. Journal of Occupational Health, 2021, 63, e12269.	2.1	7
70	Relation between electrical stimulus intensity, masseteric exteroceptive reflex and sensory perception. Journal of Prosthodontic Research, 2009, 53, 89-94.	2.8	6
71	Topographical Pressure Pain Sensitivity Maps of the Temporalis Muscle in People with Frequent Episodic and Chronic Tensionâ€Type Headache. Pain Practice, 2017, 17, 1050-1057.	1.9	6
72	Acupuncture Therapies and Neuroplasticity. Neural Plasticity, 2017, 2017, 1-2.	2.2	6

#	Article	IF	Citations
73	Pain Adaptability in Individuals With Chronic Musculoskeletal Pain Is Not Associated With Conditioned Pain Modulation. Journal of Pain, 2018, 19, 897-909.	1.4	6
74	Somatosensory profiling of patients with plaque-induced gingivitis: a caseâ€“control study. Clinical Oral Investigations, 2020, 24, 875-882.	3.0	6
75	Sensory recovery and oral health-related quality of life following tongue reconstruction using non-innervated radial forearm free flaps. Oral Oncology, 2021, 121, 105471.	1.5	6
76	Painful conditioning stimuli of the craniofacial region evokes diffuse noxious inhibitory controls in men and women. Journal of Orofacial Pain, 2010, 24, 255-61.	1.7	6
77	Acute postoperative pain after orthognathic surgery can be predicted by the preoperative evaluation of conditioned pain modulation and pain catastrophizing. Pain Reports, 2022, 7, e989.	2.7	6
78	Modulation of neck muscle activity induced by intra-oral stimulation in humans. Clinical Neurophysiology, 2014, 125, 1006-1011.	1.5	5
79	Quantitative sensory testing of dentinal sensitivity in healthy humans. Acta Odontologica Scandinavica, 2016, 74, 259-264.	1.6	5
80	Identification of subgroups of patients with tension type headache with higher widespread pressure pain hyperalgesia. Journal of Headache and Pain, 2017, 18, 43.	6.0	5
81	Acid-induced experimental knee pain and hyperalgesia in healthy humans. Experimental Brain Research, 2018, 236, 587-598.	1.5	5
82	Effects of Motor Training on Accuracy and Precision of Jaw and Finger Movements. Neural Plasticity, 2019, 2019, 1-11.	2.2	5
83	Adjunctive effects of laser therapy on somatosensory function and vasomotor regulation of periodontal tissues in patients with periodontitis: A randomized controlled clinical trial. Journal of Periodontology, 2020, 91, 1307-1317.	3.4	5
84	Microcirculation and somatosensory profiling of patients with periodontitis: a preliminary case control report. Clinical Oral Investigations, 2021, 25, 1223-1233.	3.0	5
85	Variables associated with use of symptomatic medication during a headache attack in individuals with tension-type headache: a European study. BMC Neurology, 2020, 20, 43.	1.8	5
86	Magnetic and electric stimulation to elicit the masseteric exteroceptive suppression period. Clinical Neurophysiology, 2010, 121, 793-799.	1.5	4
87	Assessment of periodontal mechano-nociceptive function in healthy Chinese individuals. Archives of Oral Biology, 2016, 71, 104-109.	1.8	4
88	Somatosensory changes at forearm donor sites following three different surgical flap techniques. International Journal of Surgery, 2018, 53, 326-332.	2.7	4
89	Painful cold-heat segmental pulse stimulation provokes the thermal pain illusion. Somatosensory & Motor Research, 2022, 39, 1-9.	0.9	4
90	Effect of photobiomodulation therapy on painful temporomandibular disorders. Scientific Reports, 2021, 11, 9049.	3.3	3

#	Article	IF	Citations
91	Normalization reduces the spatial dependency of the jawâ€stretch reflex activity in the human masseter muscle. Muscle and Nerve, 2010, 41, 78-84.	2.2	2
92	Introducing Vibro-Acupuncture: A Psychophysical Study. Acupuncture in Medicine, 2016, 34, 373-379.	1.0	2
93	The Potential of Nano-Porous Surface Structure for Pain Therapeutic Applications: Surface Properties and Evaluation of Pain Perception. Applied Sciences (Switzerland), 2020, 10, 4578.	2.5	2
94	Jaw-stretch reflex is weaker in patients after orthognathic surgery. Archives of Oral Biology, 2014, 59, 1321-1327.	1.8	1
95	Being Adaptive to Pain Enhances Sham Acupuncture Analgesia: A Crossover Healthy Human Study. JAMS Journal of Acupuncture and Meridian Studies, 2017, 10, 385-395.	0.7	1
96	The pro-algesic effect of Î³-aminobutyric acid (GABA) injection into the masseter muscle of healthy men and women. Scandinavian Journal of Pain, 2019, 20, 139-150.	1.3	1
97	Conditioned pain modulation is not associated with thermal pain illusion. Scandinavian Journal of Pain, 2023, 23, 175-183.	1.3	1
98	Effect of Heâ€™s Santong Needling Method on Dysphagia after Stroke: A Study Protocol for a Prospective Randomized Controlled Pilot Trial. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	1.2	0
99	Effects of Novel Vibro-Acupuncture on Healthy Subjects and Those with Experimental and Clinical Pain as Assessed by Quantitative Sensory Testing. JAMS Journal of Acupuncture and Meridian Studies, 2021, 14, 157-166.	0.7	0
100	Quantitative sensory testing of mandibular somatosensory function following orthognathic surgeryâ€”A pilot study in Chinese with class III malocclusion. Journal of Oral Rehabilitation, 2022, 49, 160-169.	3.0	0