

# Wenli Lai

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,006  
citations

394421

19  
h-index

477307

29  
g-index

58  
all docs

58  
docs citations

58  
times ranked

882  
citing authors

#	ARTICLE	IF	CITATIONS
1	m6A regulator-mediated RNA methylation modification patterns are involved in immune microenvironment regulation of periodontitis. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3634-3645.	3.6	69
2	Comparison of pain perception, anxiety, and impacts on oral health-related quality of life between patients receiving clear aligners and fixed appliances during the initial stage of orthodontic treatment. <i>European Journal of Orthodontics</i> , 2021, 43, 353-359.	2.4	62
3	Behavioural responses and expression of P2X3 receptor in trigeminal ganglion after experimental tooth movement in rats. <i>Archives of Oral Biology</i> , 2009, 54, 63-70.	1.8	54
4	Comparison of adverse effects between lingual and labial orthodontic treatment: A systematic review. <i>Angle Orthodontist</i> , 2013, 83, 1066-1073.	2.4	53
5	Evaluation of pain in rats through facial expression following experimental tooth movement. <i>European Journal of Oral Sciences</i> , 2014, 122, 121-124.	1.5	46
6	Diagnostic accuracy of CBCT for tooth fractures: A meta-analysis. <i>Journal of Dentistry</i> , 2014, 42, 240-248.	4.1	41
7	Periodontal CGRP contributes to orofacial pain following experimental tooth movement in rats. <i>Neuropeptides</i> , 2015, 52, 31-37.	2.2	40
8	The effectiveness of the Herbst appliance for patients with Class II malocclusion: a meta-analysis. <i>European Journal of Orthodontics</i> , 2016, 38, 324-333.	2.4	36
9	TGF- $\beta$ 1 promotes gap junctions formation in chondrocytes via Smad3/Smad4 signalling. <i>Cell Proliferation</i> , 2019, 52, e12544.	5.3	34
10	The effectiveness of oral appliances for obstructive sleep apnea syndrome: A meta-analysis. <i>Journal of Dentistry</i> , 2015, 43, 1394-1402.	4.1	32
11	The dynamics of the oral microbiome and oral health among patients receiving clear aligner orthodontic treatment. <i>Oral Diseases</i> , 2020, 26, 473-483.	3.0	32
12	Integration accuracy of laser-scanned dental models into maxillofacial cone beam computed tomography images of different voxel sizes with different segmentation threshold settings. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 117, 780-786.	0.4	31
13	Development of a behavior model of pain induced by experimental tooth movement in rats. <i>European Journal of Oral Sciences</i> , 2009, 117, 380-384.	1.5	30
14	Identification of immune-related lncRNAs in periodontitis reveals regulation network of gene-lncRNA-pathway-immunocyte. <i>International Immunopharmacology</i> , 2020, 84, 106600.	3.8	29
15	The role of periodontal ASIC3 in orofacial pain induced by experimental tooth movement in rats. <i>European Journal of Orthodontics</i> , 2016, 38, 577-583.	2.4	28
16	The effects of aligner overtreatment on torque control and intrusion of incisors for anterior retraction with clear aligners: A finite-element study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2022, 162, 33-41.	1.7	28
17	Effectiveness of remineralizing agents in the prevention and reversal of orthodontically induced white spot lesions: a systematic review and network meta-analysis. <i>Clinical Oral Investigations</i> , 2020, 24, 4153-4167.	3.0	24
18	Effect of static magnetic field on pain level and expression of P2X3 receptors in the trigeminal ganglion in mice following experimental tooth movement. <i>Bioelectromagnetics</i> , 2017, 38, 22-30.	1.6	23

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19	The involvement of the ERK-MAPK pathway in TGF- $\beta$ 1-mediated connexin43-gap junction formation in chondrocytes. <i>Connective Tissue Research</i> , 2019, 60, 477-486.	2.3	21
20	Transient receptor potential Vanilloid 1-based gene therapy alleviates orthodontic pain in rats. <i>International Journal of Oral Science</i> , 2019, 11, 11.	8.6	20
21	The effect of capsaicin on expression patterns of CGRP in trigeminal ganglion and trigeminal nucleus caudalis following experimental tooth movement in rats. <i>Journal of Applied Oral Science</i> , 2016, 24, 597-606.	1.8	19
22	A novel technique of delivering viral vectors to trigeminal ganglia in rats. <i>European Journal of Oral Sciences</i> , 2017, 125, 1-7.	1.5	19
23	Substrate stiffness regulates the differentiation profile and functions of osteoclasts via cytoskeletal arrangement. <i>Cell Proliferation</i> , 2022, 55, e13172.	5.3	17
24	Development of an Artificial Intelligence System for the Automatic Evaluation of Cervical Vertebral Maturation Status. <i>Diagnostics</i> , 2021, 11, 2200.	2.6	16
25	Trigeminal Expression of N-Methyl-D-Aspartate Receptor Subunit 1 and Behavior Responses to Experimental Tooth Movement in Rats. <i>Angle Orthodontist</i> , 2009, 79, 951-957.	2.4	15
26	Comparison of survival time and comfort between 2 clear overlay retainers with different thicknesses: A pilot randomized controlled trial. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 151, 433-439.	1.7	15
27	RALBP1 regulates oral cancer cells via Akt and is a novel target of miR-148a-3p and miR-148b-3p. <i>Journal of Oral Pathology and Medicine</i> , 2019, 48, 919-928.	2.7	15
28	Expression patterns of nociceptin in rats following experimental tooth movement. <i>Angle Orthodontist</i> , 2013, 83, 1022-1026.	2.4	12
29	Bite force measurements for objective evaluations of orthodontic tooth movement-induced pain in rats. <i>Archives of Oral Biology</i> , 2019, 101, 1-7.	1.8	12
30	An objective system for appraising clear aligner treatment difficulty: clear aligner treatment complexity assessment tool (CAT-CAT). <i>BMC Oral Health</i> , 2020, 20, 312.	2.3	12
31	The Role of Acid-sensing Ion Channel 3 in the Modulation of Tooth Mechanical Hyperalgesia Induced by Orthodontic Tooth Movement. <i>Neuroscience</i> , 2020, 442, 274-285.	2.3	12
32	Efficacy of Probiotics as Adjunctive Therapy to Nonsurgical Treatment of Peri-Implant Mucositis: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2020, 11, 541752.	3.5	11
33	A comparison of resin infiltration and microabrasion for postorthodontic white spot lesion. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 160, 516-522.	1.7	10
34	Finite element analysis of rapid canine retraction through reducing resistance and distraction. <i>Journal of Applied Oral Science</i> , 2014, 22, 52-60.	1.8	8
35	Nociceptin/orphanin $\text{FQ}$ regulates P2X <sub>3</sub> receptors in primary cultures of neonatal rat trigeminal ganglion neurons. <i>European Journal of Oral Sciences</i> , 2015, 123, 409-415.	1.5	8
36	Immune landscape of periodontitis unveils alterations of infiltrating immunocytes and molecular networks-aggregating into an interactive web-tool for periodontitis related immune analysis and visualization. <i>Journal of Translational Medicine</i> , 2020, 18, 438.	4.4	8

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37	Autophagy-mediated regulation patterns contribute to the alterations of the immune microenvironment in periodontitis. <i>Aging</i> , 2021, 13, 555-577.	3.1	8
38	Retrograde nerve growth factor signaling modulates tooth mechanical hyperalgesia induced by orthodontic tooth movement via acid-sensing ion channel 3. <i>International Journal of Oral Science</i> , 2021, 13, 18.	8.6	7
39	The Effects of Static Magnetic Field on Orthodontic Tooth Movement in Mice. <i>Bioelectromagnetics</i> , 2021, 42, 398-406.	1.6	6
40	Molecular mechanism in trigeminal nerve and treatment methods related to orthodontic pain. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 125-137.	3.0	6
41	Association of Upper Lip Morphology Characteristics with Sagittal and Vertical Skeletal Patterns: A Cross Sectional Study. <i>Diagnostics</i> , 2021, 11, 1713.	2.6	6
42	Effect of endomorphin-2 on orofacial pain induced by orthodontic tooth movement in rats. <i>European Journal of Oral Sciences</i> , 2019, 127, 408-416.	1.5	5
43	Placebo modulation in orthodontic pain: a single-blind functional magnetic resonance study. <i>Radiologia Medica</i> , 2021, 126, 1356-1365.	7.7	5
44	Botulinum toxin A alleviates orofacial nociception induced by orthodontic tooth movement through nociceptin/orphanin-FQ pathway in rats. <i>Archives of Oral Biology</i> , 2020, 117, 104817.	1.8	4
45	N/OFQ modulates orofacial pain induced by tooth movement through CGRP-dependent pathways. <i>BMC Neuroscience</i> , 2021, 22, 25.	1.9	4
46	The effects of blocking N/OFQ receptors on orofacial pain following experimental tooth movement in rats. <i>Australasian Orthodontic Journal</i> , 2016, 32, 206-210.	0.3	3
47	Nerve Growth Factor Enhances Tooth Mechanical Hyperalgesia Through C-C Chemokine Ligand 19 in Rats. <i>Frontiers in Neurology</i> , 2021, 12, 540660.	2.4	3
48	The effects of blocking N/OFQ receptors on orofacial pain following experimental tooth movement in rats. <i>Australian Orthodontic Journal</i> , 2016, 32, 206-210.	0.3	3
49	Behavioral Responses and Expression of Nociceptin/Orphanin FQ and Its Receptor (N/OFQ-NOP System) during Experimental Tooth Movement in Rats. <i>Pain Research and Management</i> , 2021, 2021, 1-9.	1.8	2
50	Prognostic significance of X-linked inhibitor of apoptosis protein in patients with gastrointestinal tract cancers. <i>Medicine (United States)</i> , 2020, 99, e18497.	1.0	1
51	Letter to the Editor. <i>Angle Orthodontist</i> , 2020, 90, 619-619.	2.4	1
52	Delay in articular cartilage degeneration of the knee joint by the conditional removal of discoidin domain receptor 2 in a spontaneous mouse model of osteoarthritis. <i>Annals of Translational Medicine</i> , 2020, 8, 1178-1178.	1.7	0
53	Treatment of Severe Anterior Crowding with the Invisalign G6 First-Premolar Extraction Solution. <i>Journal of Clinical Orthodontics: JCO</i> , 2019, 53, 459-469.	0.1	0