

Ling Ye

List of Publications by Citations

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114
papers

1,487
citations

20
h-index

34
g-index

130
ext. papers

2,092
ext. citations

6.6
avg, IF

5.03
L-index

#	Paper	IF	Citations
114	Mettl3-mediated mA RNA methylation regulates the fate of bone marrow mesenchymal stem cells and osteoporosis. <i>Nature Communications</i> , 2018 , 9, 4772	17.4	153
113	The Hedgehog signalling pathway in bone formation. <i>International Journal of Oral Science</i> , 2015 , 7, 73-9	27.9	127
112	GDF11 decreases bone mass by stimulating osteoclastogenesis and inhibiting osteoblast differentiation. <i>Nature Communications</i> , 2016 , 7, 12794	17.4	97
111	Wnt5a promotes inflammatory responses via nuclear factor B (NF- B) and mitogen-activated protein kinase (MAPK) pathways in human dental pulp cells. <i>Journal of Biological Chemistry</i> , 2014 , 289, 21028-39	5.4	57
110	Substrate elasticity regulates adipose-derived stromal cell differentiation towards osteogenesis and adipogenesis through β catenin transduction. <i>Acta Biomaterialia</i> , 2018 , 79, 83-95	10.8	47
109	EZH2, a potential regulator of dental pulp inflammation and regeneration. <i>Journal of Endodontics</i> , 2014 , 40, 1132-8	4.7	42
108	Evaluation of Recombinant Human FGF-2 and PDGF-BB in Periodontal Regeneration: A Systematic Review and Meta-Analysis. <i>Scientific Reports</i> , 2017 , 7, 65	4.9	41
107	Bone morphogenetic protein 2-induced human dental pulp cell differentiation involves p38 mitogen-activated protein kinase-activated canonical WNT pathway. <i>International Journal of Oral Science</i> , 2015 , 7, 95-102	27.9	37
106	Ubiquitin-specific protease USP34 controls osteogenic differentiation and bone formation by regulating BMP2 signaling. <i>EMBO Journal</i> , 2018 , 37,	13	36
105	The anti-cancer effects and mechanisms of lactic acid bacteria exopolysaccharides in vitro: A review. <i>Carbohydrate Polymers</i> , 2021 , 253, 117308	10.3	33
104	Regenerative Endodontics for Adult Patients. <i>Journal of Endodontics</i> , 2017 , 43, S57-S64	4.7	31
103	Bivalent Histone Modifications and Development. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 83-90	306	31
102	FGF23 neutralization improves bone quality and osseointegration of titanium implants in chronic kidney disease mice. <i>Scientific Reports</i> , 2015 , 5, 8304	4.9	29
101	Parenchymal and stromal tissue regeneration of tooth organ by pivotal signals reinstated in decellularized matrix. <i>Nature Materials</i> , 2019 , 18, 627-637	27	27
100	Human beta-defensin-1 suppresses tumor migration and invasion and is an independent predictor for survival of oral squamous cell carcinoma patients. <i>PLoS ONE</i> , 2014 , 9, e91867	3.7	27
99	Epigenetic Control of Mesenchymal Stem Cell Fate Decision via Histone Methyltransferase Ash1l. <i>Stem Cells</i> , 2019 , 37, 115-127	5.8	27
98	A nationwide survey of online teaching strategies in dental education in China. <i>Journal of Dental Education</i> , 2021 , 85, 128-134	1.6	27

97	Mesenchymal Stem Cells for Cartilage Regeneration of TMJ Osteoarthritis. <i>Stem Cells International</i> , 2017 , 2017, 5979741	5	24
96	Bivalent histone modifications during tooth development. <i>International Journal of Oral Science</i> , 2014 , 6, 205-11	27.9	23
95	Therapeutic potentials and modulatory mechanisms of fatty acids in bone. <i>Cell Proliferation</i> , 2020 , 53, e12735	7.9	23
94	Associations between proteasomal activator PA28 and outcome of oral squamous cell carcinoma: Evidence from cohort studies and functional analyses. <i>EBioMedicine</i> , 2015 , 2, 851-8	8.8	20
93	Treatment of Necrotic Teeth by Apical Revascularization: Meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 13941	4.9	19
92	Comparison of Effects of Mechanical Stretching on Osteogenic Potential of ASCs and BMSCs. <i>Bone Research</i> , 2013 , 1, 282-90	13.3	19
91	Wnt/ β -catenin signaling in cancers and targeted therapies. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 307	21	18
90	Cysteine dioxygenase type 1 promotes adipogenesis via interaction with peroxisome proliferator-activated receptor gamma. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 458, 123-7	3.4	17
89	Blocking the mineralocorticoid receptor improves effectiveness of steroid treatment for low back pain in rats. <i>Anesthesiology</i> , 2014 , 121, 632-43	4.3	16
88	Both aerobic glycolysis and mitochondrial respiration are required for osteoclast differentiation. <i>FASEB Journal</i> , 2020 , 34, 11058-11067	0.9	15
87	Evaluation of Three Block Anesthesia Methods for Pain Management During Mandibular Third Molar Extraction: A Meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 40987	4.9	14
86	The Analgesic and Emotional Response to Intravenous Lidocaine Infusion in the Treatment of Postherpetic Neuralgia: A Randomized, Double-Blinded, Placebo-controlled Study. <i>Clinical Journal of Pain</i> , 2018 , 34, 1025-1031	3.5	14
85	EZH2 regulates dental pulp inflammation by direct effect on inflammatory factors. <i>Archives of Oral Biology</i> , 2018 , 85, 16-22	2.8	14
84	Evidence for excessive osteoclast activation in SIRT6 null mice. <i>Scientific Reports</i> , 2018 , 8, 10992	4.9	14
83	Propofol attenuates hepatic ischemia/reperfusion injury in an in vivo rabbit model. <i>Journal of Surgical Research</i> , 2012 , 178, e65-70	2.5	14
82	Deletion of Runx2 in condylar chondrocytes disrupts TMJ tissue homeostasis. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3436-3444	7	14
81	Wnt7b-induced Sox11 functions enhance self-renewal and osteogenic commitment of bone marrow mesenchymal stem cells. <i>Stem Cells</i> , 2020 , 38, 1020-1033	5.8	13
80	Activation of β -catenin signaling in aggrecan-expressing cells in temporomandibular joint causes osteoarthritis-like defects. <i>International Journal of Oral Science</i> , 2018 , 10, 13	27.9	13

79	Microenvironmental Stiffness Regulates Dental Papilla Cell Differentiation: Implications for the Importance of Fibronectin-Paxillin- β -Catenin Axis. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26917-26927	9.5	13
78	Aberrant activation of latent transforming growth factor- β initiates the onset of temporomandibular joint osteoarthritis. <i>Bone Research</i> , 2018 , 6, 26	13.3	13
77	Efficacy of Recombinant Human BMP2 and PDGF-BB in Orofacial Bone Regeneration: A Systematic Review and Meta-analysis. <i>Scientific Reports</i> , 2019 , 9, 8073	4.9	12
76	Chronic Kidney Disease Impairs Bone Defect Healing in Rats. <i>Scientific Reports</i> , 2016 , 6, 23041	4.9	12
75	Relationship between the Mental Foramen, Mandibular Canal, and the Surgical Access Line of the Mandibular Posterior Teeth: A Cone-beam Computed Tomographic Analysis. <i>Journal of Endodontics</i> , 2017 , 43, 1262-1266	4.7	12
74	TGF β signalling pathway regulates angiogenesis by endothelial cells, in an adipose-derived stromal cell/endothelial cell co-culture 3D gel model. <i>Cell Proliferation</i> , 2015 , 48, 729-37	7.9	11
73	The WNT7B protein promotes the migration and differentiation of human dental pulp cells partly through WNT/ β -catenin and c-Jun N-terminal kinase signalling pathways. <i>Archives of Oral Biology</i> , 2018 , 87, 54-61	2.8	10
72	NUMB maintains bone mass by promoting degradation of PTEN and GLI1 via ubiquitination in osteoblasts. <i>Bone Research</i> , 2018 , 6, 32	13.3	10
71	Interleukin-17 plays a role in pulp inflammation partly by WNT5A protein induction. <i>Archives of Oral Biology</i> , 2019 , 103, 33-39	2.8	9
70	The effect of NLRP inflammasome on the regulation of AGEs-induced inflammatory response in human periodontal ligament cells. <i>Journal of Periodontal Research</i> , 2019 , 54, 681-689	4.3	9
69	Pain Prevalence and Pain Management in a Chinese Hospital. <i>Medical Science Monitor</i> , 2018 , 24, 7809-7812	3.9	9
68	The Sirt6 gene: Does it play a role in tooth development?. <i>PLoS ONE</i> , 2017 , 12, e0174255	3.7	9
67	Wnt signaling in bone metastasis: mechanisms and therapeutic opportunities. <i>Life Sciences</i> , 2018 , 208, 33-45	6.8	8
66	Insight into the Role of Long Non-coding RNAs During Osteogenesis in Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 52-59	3.6	8
65	FGF-7 Dictates Osteocyte Cell Processes Through β -Catenin Transduction. <i>Scientific Reports</i> , 2018 , 8, 14792	4.9	8
64	Pulsed radiofrequency of C2 dorsal root ganglion under ultrasound guidance for chronic migraine: a case report. <i>Journal of Pain Research</i> , 2018 , 11, 1915-1919	2.9	8
63	Highly Proliferative Immortalized Human Dental Pulp Cells Retain the Odontogenic Phenotype when Combined with a Beta-Tricalcium Phosphate Scaffold and BMP2. <i>Stem Cells International</i> , 2020 , 2020, 4534128	5	7
62	Early versus delayed postoperative oral hydration after general anesthesia: a prospective randomized trial. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 3491-6		7

61	Development and validation of an oxidative phosphorylation-related gene signature in lung adenocarcinoma. <i>Epigenomics</i> , 2020 , 12, 1333-1348	4.4	7
60	Visual Osteoclast Fusion via A Fluorescence Method. <i>Scientific Reports</i> , 2018 , 8, 10184	4.9	7
59	Inhibition of SOX9 Promotes Inflammatory and Immune Responses of Dental Pulp. <i>Journal of Endodontics</i> , 2018 , 44, 792-799	4.7	6
58	GPX7 Facilitates BMSCs Osteoblastogenesis via ER Stress and mTOR Pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 10454-10465	5.6	6
57	Occlusal trauma inhibits osteoblast differentiation and bone formation through IKK-NF- κ B signaling. <i>Journal of Periodontology</i> , 2020 , 91, 683-692	4.6	6
56	Ag and peptide co-decorate polyetheretherketone to enhance antibacterial property and osteogenic differentiation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 198, 111492	6	6
55	Potential Roles of Bone Morphogenetic Protein 9 in the Odontogenic Differentiation of Dental Pulp Cells. <i>Journal of Endodontics</i> , 2021 , 47, 436-443	4.7	6
54	Ultrasound-guided versus low dose computed tomography scanning guidance for lumbar facet joint injections: same accuracy and efficiency. <i>BMC Anesthesiology</i> , 2018 , 18, 160	2.4	6
53	Extracorporeal Shock Wave Therapy for the Treatment of Osteoarthritis: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2020 , 2020, 1907821	3	5
52	Comparison between Fissure Sealant and Fluoride Varnish on Caries Prevention for First Permanent Molars: a Systematic Review and Meta-analysis. <i>Scientific Reports</i> , 2020 , 10, 2578	4.9	5
51	Stiffness and topography of biomaterials dictate cell-matrix interaction in musculoskeletal cells at the bio-interface: A concise progress review. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 2426-2440	3.5	5
50	Epigenetic regulation of matrix metalloproteinases in inflammatory diseases: a narrative review. <i>Cell and Bioscience</i> , 2020 , 10, 86	9.8	5
49	Exosome-Derived Noncoding RNAs as a Promising Treatment of Bone Regeneration. <i>Stem Cells International</i> , 2021 , 2021, 6696894	5	5
48	The role of Wnt7B in the mediation of dentinogenesis via the ERK1/2 pathway. <i>Archives of Oral Biology</i> , 2019 , 104, 123-132	2.8	4
47	Spatial signalling mediated by the transforming growth factor- β signalling pathway during tooth formation. <i>International Journal of Oral Science</i> , 2016 , 8, 199-204	27.9	4
46	Pulsed Radiofrequency of C2 Dorsal Root Ganglion Under Ultrasound-Guidance and CT Confirmed for Chronic Headache: Follow-Up of 20 Cases and Literature Review. <i>Journal of Pain Research</i> , 2020 , 13, 87-94	2.9	3
45	Propofol and sufentanil may affect the patients' sleep quality independently of the surgical stress response: a prospective nonrandomized controlled trial in 1033 patients' undergone diagnostic upper gastrointestinal endoscopy. <i>BMC Anesthesiology</i> , 2017 , 17, 53	2.4	3
44	Sealing of tracheoesophageal fistula using a Y stent through fiberoptic bronchoscope during general anesthesia under laryngeal mask airway. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 5913-6		3

43	Coil embolization for a vast and complex arteriovenous malformation in the posterior mediastinum. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 16838-41		3
42	Sevoflurane enhances neuromuscular blockade by increasing the sensitivity of skeletal muscle to neuromuscular blockers. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2015 , 7, 172-7	3.4	3
41	Targeting reactive oxygen species in stem cells for bone therapy. <i>Drug Discovery Today</i> , 2021 , 26, 1226-1244	2.4	3
40	Jumonji domain-containing protein 3 regulates the early inflammatory response epigenetically in human periodontal ligament cells. <i>Archives of Oral Biology</i> , 2018 , 93, 87-94	2.8	3
39	Gli1 progenitors mediate bone anabolic function of teriparatide via Hh and Igf signaling. <i>Cell Reports</i> , 2021 , 36, 109542	10.6	3
38	Ultrasound-Guided Stellate Ganglion Block for Central Post-Stroke Pain: A Case Report and Review. <i>Journal of Pain Research</i> , 2020 , 13, 461-464	2.9	2
37	Ultrasound-Guided Transversus Abdominis Plane Block for Cesarean Delivery: Injection Site Pain as a New Complication and Dexamethasone Reduced Incidence. <i>Journal of Pain Research</i> , 2020 , 13, 565-573	2.9	2
36	Epigenetic Regulation of Gene Expression in Epithelial Stem Cells Fate. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 46-51	3.6	2
35	A cross-sectional study to assess the feasibility of a short message service to improve adherence of outpatients undergoing sedation gastrointestinal endoscopy in the People's Republic of China. <i>Patient Preference and Adherence</i> , 2014 , 8, 1293-7	2.4	2
34	Early versus delayed postoperative oral hydration in children following general anesthesia: a prospective randomized trial. <i>BMC Anesthesiology</i> , 2020 , 20, 174	2.4	2
33	Polymer Network Editing of Elastomers for Robust Underwater Adhesion and Tough Bonding to Diverse Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 36527-36537	9.5	2
32	Effect of pregabalin for the treatment of chronic refractory cough: A case report. <i>Medicine (United States)</i> , 2019 , 98, e15916	1.8	2
31	Radiographic evaluation of immature traumatized incisors following different endodontic treatments. <i>Dental Traumatology</i> , 2021 , 37, 330-337	4.5	2
30	Blocking the Mineralocorticoid Receptor Improves Cognitive Impairment after Anesthesia/Splenectomy in Rats. <i>International Journal of Medical Sciences</i> , 2021 , 18, 387-397	3.7	2
29	Spinal Cord is the Primary Site of Action for Skeletal Muscle Relaxation by Sevoflurane. <i>Spine</i> , 2017 , 42, E1275-E1281	3.3	1
28	Identification of CDC5L as bridge gene between chronic obstructive pulmonary disease and lung adenocarcinoma. <i>Epigenomics</i> , 2020 , 12, 1515-1529	4.4	1
27	Efficacy and safety of the extracorporeal shockwave therapy in patients with postherpetic neuralgia: study protocol of a randomized controlled trial. <i>Trials</i> , 2020 , 21, 630	2.8	1
26	Aberrant NF- κ B activation in odontoblasts orchestrates inflammatory matrix degradation and mineral resorption.. <i>International Journal of Oral Science</i> , 2022 , 14, 6	27.9	1

25	Inhaled sevoflurane for lower gastrointestinal endoscopy with possible propofol anaphylaxis. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 3609-11		1
24	Mechanistically Scoping Cell-free and Cell-dependent Artificial Scaffolds in Rebuilding Skeletal and Dental Hard Tissues. <i>Advanced Materials</i> , 2021 , e2107922	24	1
23	DNA Methylation: A Frontier in Tooth Organogenesis and Developmental Dental Defects. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 151-158	3.6	1
22	DNA damage response manages cell cycle restriction of senile multipotent mesenchymal stromal cells. <i>Molecular Biology Reports</i> , 2020 , 47, 809-818	2.8	1
21	Emergency Response Measures for Anesthesia Nursing During the COVID-19 Pandemic: West China Hospital Experiences. <i>Frontiers in Medicine</i> , 2020 , 7, 460	4.9	1
20	Effects of propofol on intracranial pressure and prognosis in patients with severe brain diseases undergoing endotracheal suctioning. <i>BMC Neurology</i> , 2020 , 20, 394	3.1	1
19	C-Jun N-terminal kinase (JNK) pathway activation is essential for dental papilla cells polarization. <i>PLoS ONE</i> , 2021 , 16, e0233944	3.7	1
18	EZH2 Promotes Extracellular Matrix Degradation via Nuclear Factor- κ B (NF- κ B) and p38 Signaling Pathways in Pulpitis. <i>Inflammation</i> , 2021 , 44, 1927-1936	5.1	1
17	Clinical Efficacy of Ultrasound-Mediated Transdermal Lidocaine and Capsaicin Delivery for the Treatment of Allodynia Caused by Herpes Zoster. <i>Pain Medicine</i> , 2020 , 21, 3739-3746	2.8	0
16	Wnt7b Inhibits Osteoclastogenesis AKT Activation and Glucose Metabolic Rewiring. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 771336	5.7	0
15	Ubiquitin-specific protease USP 34 controls osteogenic differentiation and bone formation by regulating BMP 2 signaling. <i>EMBO Journal</i> , 2020 , 39, e105578	13	0
14	Co-expression gene modules involved in cisplatin-induced peripheral neuropathy according to sensitivity, status, and severity. <i>Journal of the Peripheral Nervous System</i> , 2020 , 25, 366-376	4.7	0
13	The Regenerative Potential of bFGF in Dental Pulp Repair and Regeneration. <i>Frontiers in Pharmacology</i> , 2021 , 12, 680209	5.6	0
12	FGF7-induced E11 facilitates cell-cell communication through connexin43. <i>International Journal of Biological Sciences</i> , 2021 , 17, 3862-3874	11.2	0
11	Epigenetic Control of Autophagy Related Genes Transcription in Pulpitis via JMJD3. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 654958	5.7	0
10	The Expression of Semaphorin 7A in Human Periapical Lesions. <i>Journal of Endodontics</i> , 2021 , 47, 1631-1639	4.9	0
9	Attenuates of NAD impair BMSC osteogenesis and fracture repair through OXPHOS.. <i>Stem Cell Research and Therapy</i> , 2022 , 13, 77	8.3	0
8	The beneficial effect of global O-GlcNAcylation on odontogenic differentiation of human dental pulp cells via mTORC1 pathway.. <i>Archives of Oral Biology</i> , 2022 , 138, 105427	2.8	0

- 7 A preferential delivery method to investigate direct neuromuscular blockade effect of inhaled anesthetics on skeletal muscle. *Medical Hypotheses*, **2017**, 101, 67-68 3.8
- 6 Reporter Mice Used for Dentinogenesis Study. *Current Stem Cell Research and Therapy*, **2018**, 13, 91-100 3.6
- 5 Women with advanced maternal age have gastric volume similar to that of non-pregnant women: A prospective pilot study using preoperative gastric ultrasound. *Journal of Clinical Anesthesia*, **2021**, 72, 110270 1.9
- 4 Re: Neuropathic Pain in Acute and Subacute Neuropathies: A Systematic Review. *Pain Physician*, **2018**, 21, E581-E582 1.8
- 3 A Commentary on "Preoperative carbohydrate loading with individualized supplemental insulin in diabetic patients undergoing gastrointestinal surgery: A randomized trial" (Int J Surg 2022; 98: 106215).. *International Journal of Surgery*, **2022**, 100, 106587 7.5
- 2 A 41-year-Old woman with neck pain and diabetes insipidus: A case report.. *Asian Journal of Surgery*, **2022**, 1.6
- 1 The role of Trithorax family regulating osteogenic and Chondrogenic differentiation in mesenchymal stem cells.. *Cell Proliferation*, **2022**, e13233 7.9