

Ling Ye

List of Publications by Year in descending order

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117
papers

2,778
citations

257101

24
h-index

223531

46
g-index

130
all docs

130
docs citations

130
times ranked

3908
citing authors

#	ARTICLE	IF	CITATIONS
1	Mettl3-mediated m6A RNA methylation regulates the fate of bone marrow mesenchymal stem cells and osteoporosis. <i>Nature Communications</i> , 2018, 9, 4772.	5.8	265
2	Wnt/ β -catenin signaling in cancers and targeted therapies. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 307.	7.1	186
3	The Hedgehog signalling pathway in bone formation. <i>International Journal of Oral Science</i> , 2015, 7, 73-79.	3.6	181
4	GDF11 decreases bone mass by stimulating osteoclastogenesis and inhibiting osteoblast differentiation. <i>Nature Communications</i> , 2016, 7, 12794.	5.8	124
5	Substrate elasticity regulates adipose-derived stromal cell differentiation towards osteogenesis and adipogenesis through β -catenin transduction. <i>Acta Biomaterialia</i> , 2018, 79, 83-95.	4.1	86
6	The anti-cancer effects and mechanisms of lactic acid bacteria exopolysaccharides in vitro: A review. <i>Carbohydrate Polymers</i> , 2021, 253, 117308.	5.1	84
7	Wnt5a Promotes Inflammatory Responses via Nuclear Factor κ B (NF- κ B) and Mitogen-activated Protein Kinase (MAPK) Pathways in Human Dental Pulp Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 21028-21039.	1.6	76
8	A nationwide survey of online teaching strategies in dental education in China. <i>Journal of Dental Education</i> , 2021, 85, 128-134.	0.7	72
9	Therapeutic potentials and modulatory mechanisms of fatty acids in bone. <i>Cell Proliferation</i> , 2020, 53, e12735.	2.4	66
10	Ubiquitin-specific protease USP 34 controls osteogenic differentiation and bone formation by regulating BMP 2 signaling. <i>EMBO Journal</i> , 2018, 37, .	3.5	61
11	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.	1.6	59
12	Both aerobic glycolysis and mitochondrial respiration are required for osteoclast differentiation. <i>FASEB Journal</i> , 2020, 34, 11058-11067.	0.2	55
13	Parenchymal and stromal tissue regeneration of tooth organ by pivotal signals reinstated in decellularized matrix. <i>Nature Materials</i> , 2019, 18, 627-637.	13.3	53
14	EZH2, a Potential Regulator of Dental Pulp Inflammation and Regeneration. <i>Journal of Endodontics</i> , 2014, 40, 1132-1138.	1.4	51
15	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.	3.6	49
16	Epigenetic Control of Mesenchymal Stem Cell Fate Decision via Histone Methyltransferase Ash1l. <i>Stem Cells</i> , 2019, 37, 115-127.	1.4	49
17	Bivalent Histone Modifications and Development. <i>Current Stem Cell Research and Therapy</i> , 2018, 13, 83-90.	0.6	47
18	Regenerative Endodontics for Adult Patients. <i>Journal of Endodontics</i> , 2017, 43, S57-S64.	1.4	46

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19	Human Beta-Defensin-1 Suppresses Tumor Migration and Invasion and Is an Independent Predictor for Survival of Oral Squamous Cell Carcinoma Patients. PLoS ONE, 2014, 9, e91867.	1.1	37
20	Mesenchymal Stem Cells for Cartilage Regeneration of TMJ Osteoarthritis. Stem Cells International, 2017, 2017, 1-11.	1.2	35
21	FGF23 neutralization improves bone quality and osseointegration of titanium implants in chronic kidney disease mice. Scientific Reports, 2015, 5, 8304.	1.6	33
22	Aberrant activation of latent transforming growth factor- β 2 initiates the onset of temporomandibular joint osteoarthritis. Bone Research, 2018, 6, 26.	5.4	33
23	Wnt7b-induced Sox11 functions enhance self-renewal and osteogenic commitment of bone marrow mesenchymal stem cells. Stem Cells, 2020, 38, 1020-1033.	1.4	32
24	Bivalent histone modifications during tooth development. International Journal of Oral Science, 2014, 6, 205-211.	3.6	31
25	Associations between proteasomal activator PA28 β 3 and outcome of oral squamous cell carcinoma: Evidence from cohort studies and functional analyses. EBioMedicine, 2015, 2, 851-858.	2.7	27
26	Treatment of Necrotic Teeth by Apical Revascularization: Meta-analysis. Scientific Reports, 2017, 7, 13941.	1.6	27
27	Activation of β -catenin signaling in aggrecan-expressing cells in temporomandibular joint causes osteoarthritis-like defects. International Journal of Oral Science, 2018, 10, 13.	3.6	27
28	Ag and peptide co-decorate polyetheretherketone to enhance antibacterial property and osteogenic differentiation. Colloids and Surfaces B: Biointerfaces, 2021, 198, 111492.	2.5	27
29	Targeting reactive oxygen species in stem cells for bone therapy. Drug Discovery Today, 2021, 26, 1226-1244.	3.2	24
30	Comparison of Effects of Mechanical Stretching on Osteogenic Potential of ASCs and BMSCs. Bone Research, 2013, 1, 282-290.	5.4	23
31	Cysteine dioxygenase type 1 promotes adipogenesis via interaction with peroxisome proliferator-activated receptor gamma. Biochemical and Biophysical Research Communications, 2015, 458, 123-127.	1.0	22
32	EZH2 regulates dental pulp inflammation by direct effect on inflammatory factors. Archives of Oral Biology, 2018, 85, 16-22.	0.8	22
33	The effect of NLRP inflammasome on the regulation of AGE-induced inflammatory response in human periodontal ligament cells. Journal of Periodontal Research, 2019, 54, 681-689.	1.4	22
34	Microenvironmental Stiffness Regulates Dental Papilla Cell Differentiation: Implications for the Importance of Fibronectin-Paxillin- β -Catenin Axis. ACS Applied Materials & Interfaces, 2018, 10, 26917-26927.	4.0	21
35	Deletion of Runx2 in condylar chondrocytes disrupts TMJ tissue homeostasis. Journal of Cellular Physiology, 2019, 234, 3436-3444.	2.0	21
36	Blocking the Mineralocorticoid Receptor Improves Effectiveness of Steroid Treatment for Low Back Pain in Rats. Anesthesiology, 2014, 121, 632-643.	1.3	21

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37	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.	1.4	20
38	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.	1.6	20
39	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, 1-18.	1.2	20
40	Pain Prevalence and Pain Management in a Chinese Hospital. <i>Medical Science Monitor</i> , 2018, 24, 7809-7819.	0.5	20
41	The Analgesic and Emotional Response to Intravenous Lidocaine Infusion in the Treatment of Postherpetic Neuralgia. <i>Clinical Journal of Pain</i> , 2018, 34, 1025-1031.	0.8	19
42	Evidence for excessive osteoclast activation in SIRT6 null mice. <i>Scientific Reports</i> , 2018, 8, 10992.	1.6	19
43	Wnt signaling in bone metastasis: mechanisms and therapeutic opportunities. <i>Life Sciences</i> , 2018, 208, 33-45.	2.0	18
44	Chronic Kidney Disease Impairs Bone Defect Healing in Rats. <i>Scientific Reports</i> , 2016, 6, 23041.	1.6	17
45	Evaluation of Three Block Anesthesia Methods for Pain Management During Mandibular Third Molar Extraction: A Meta-analysis. <i>Scientific Reports</i> , 2017, 7, 40987.	1.6	17
46	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.	0.7	16
47	NUMB maintains bone mass by promoting degradation of PTEN and Gli1 via ubiquitination in osteoblasts. <i>Bone Research</i> , 2018, 6, 32.	5.4	16
48	The Potential Roles of T Cells in Periapical Lesions. <i>Journal of Endodontics</i> , 2022, 48, 70-79.	1.4	16
49	Attenuates of NAD ⁺ impair BMSC osteogenesis and fracture repair through OXPHOS. <i>Stem Cell Research and Therapy</i> , 2022, 13, 77.	2.4	16
50	Propofol attenuates hepatic ischemia/reperfusion injury in an in vivo rabbit model. <i>Journal of Surgical Research</i> , 2012, 178, e65-e70.	0.8	15
51	Exosome-Derived Noncoding RNAs as a Promising Treatment of Bone Regeneration. <i>Stem Cells International</i> , 2021, 2021, 1-8.	1.2	15
52	Gli1 ⁺ progenitors mediate bone anabolic function of teriparatide via Hh and Igf signaling. <i>Cell Reports</i> , 2021, 36, 109542.	2.9	15
53	Inhibition of SOX9 Promotes Inflammatory and Immune Responses of Dental Pulp. <i>Journal of Endodontics</i> , 2018, 44, 792-799.	1.4	14
54	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.	1.6	14

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55	GPX7 Facilitates BMSCs Osteoblastogenesis via ER Stress and mTOR Pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 10454-10465.	1.6	14
56	TGF- β 2 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, 729-737.	2.4	13
57	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.	0.7	13
58	FGF-7 Dictates Osteocyte Cell Processes Through Beta-Catenin Transduction. <i>Scientific Reports</i> , 2018, 8, 14792.	1.6	13
59	Interleukin-17 plays a role in pulp inflammation partly by WNT5A protein induction. <i>Archives of Oral Biology</i> , 2019, 103, 33-39.	0.8	13
60	Occlusal trauma inhibits osteoblast differentiation and bone formation through IKK α /NF κ B signaling. <i>Journal of Periodontology</i> , 2020, 91, 683-692.	1.7	13
61	Epigenetic regulation of matrix metalloproteinases in inflammatory diseases: a narrative review. <i>Cell and Bioscience</i> , 2020, 10, 86.	2.1	13
62	The Sirt6 gene: Does it play a role in tooth development?. <i>PLoS ONE</i> , 2017, 12, e0174255.	1.1	13
63	Insight into the Role of Long Non-coding RNAs During Osteogenesis in Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2017, 13, 52-59.	0.6	12
64	The WNT7B protein promotes the migration and differentiation of human dental pulp cells partly through WNT/beta-catenin and c-Jun N-terminal kinase signalling pathways. <i>Archives of Oral Biology</i> , 2018, 87, 54-61.	0.8	12
65	Extracorporeal Shock Wave Therapy for the Treatment of Osteoarthritis: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-15.	0.9	12
66	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.	1.6	12
67	Potential Roles of Bone Morphogenetic Protein 9 in the Odontogenic Differentiation of Dental Pulp Cells. <i>Journal of Endodontics</i> , 2021, 47, 436-443.	1.4	12
68	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.	4.0	11
69	Pulsed radiofrequency of C2 dorsal root ganglion under ultrasound guidance for chronic migraine: a case report. <i>Journal of Pain Research</i> , 2018, Volume 11, 1915-1919.	0.8	10
70	Development and validation of an oxidative phosphorylation-related gene signature in lung adenocarcinoma. <i>Epigenomics</i> , 2020, 12, 1333-1348.	1.0	10
71	Early versus delayed postoperative oral hydration in children following general anesthesia: a prospective randomized trial. <i>BMC Anesthesiology</i> , 2020, 20, 174.	0.7	9
72	Ultrasound-Guided Stellate Ganglion Block for Central Post-Stroke Pain: A Case Report and Review. <i>Journal of Pain Research</i> , 2020, Volume 13, 461-464.	0.8	9

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73	Visual Osteoclast Fusion via A Fluorescence Method. Scientific Reports, 2018, 8, 10184.	1.6	8
74	The role of Wnt7B in the mediation of dentinogenesis via the ERK1/2 pathway. Archives of Oral Biology, 2019, 104, 123-132.	0.8	8
75	Early versus delayed postoperative oral hydration after general anesthesia: a prospective randomized trial. International Journal of Clinical and Experimental Medicine, 2014, 7, 3491-6.	1.3	8
76	PgC ₃ Mg metal-organic cages functionalized hydrogels with enhanced bioactive and ROS scavenging capabilities for accelerated bone regeneration. Journal of Materials Chemistry B, 2022, 10, 5375-5387.	2.9	8
77	Effects of propofol on intracranial pressure and prognosis in patients with severe brain diseases undergoing endotracheal suctioning. BMC Neurology, 2020, 20, 394.	0.8	7
78	Radiographic evaluation of immature traumatized incisors following different endodontic treatments. Dental Traumatology, 2021, 37, 330-337.	0.8	7
79	FGF7-induced E11 facilitates cell-cell communication through connexin43. International Journal of Biological Sciences, 2021, 17, 3862-3874.	2.6	6
80	NELL1 augments osteogenesis and inhibits inflammation of human periodontal ligament stem cells induced by BMP9. Journal of Periodontology, 2022, 93, 977-987.	1.7	6
81	Ubiquitin-specific protease USP34 controls osteogenic differentiation and bone formation by regulating BMP2 signaling. EMBO Journal, 2020, 39, e105578.	3.5	6
82	Jumonji domain-containing protein 3 regulates the early inflammatory response epigenetically in human periodontal ligament cells. Archives of Oral Biology, 2018, 93, 87-94.	0.8	5
83	Effect of pregabalin for the treatment of chronic refractory cough. Medicine (United States), 2019, 98, e15916.	0.4	5
84	<p>Pulsed Radiofrequency of C2 Dorsal Root Ganglion Under Ultrasound-Guidance and CT Confirmed for Chronic Headache: Follow-Up of 20 Cases and Literature Review</p>. Journal of Pain Research, 2020, Volume 13, 87-94.	0.8	5
85	EZH2 Promotes Extracellular Matrix Degradation via Nuclear Factor- κ B (NF- κ B) and p38 Signaling Pathways in Pulpitis. Inflammation, 2021, 44, 1927-1936.	1.7	5
86	The Regenerative Potential of bFGF in Dental Pulp Repair and Regeneration. Frontiers in Pharmacology, 2021, 12, 680209.	1.6	5
87	Blocking the Mineralocorticoid Receptor Improves Cognitive Impairment after Anesthesia/Splenectomy in Rats. International Journal of Medical Sciences, 2021, 18, 387-397.	1.1	5
88	Mechanistically Scoping Cell-Free and Cell-Dependent Artificial Scaffolds in Rebuilding Skeletal and Dental Hard Tissues. Advanced Materials, 2022, 34, e2107922.	11.1	5
89	Spatial signalling mediated by the transforming growth factor- β 2 signalling pathway during tooth formation. International Journal of Oral Science, 2016, 8, 199-204.	3.6	4
90	Spinal Cord is the Primary Site of Action for Skeletal Muscle Relaxation by Sevoflurane. Spine, 2017, 42, E1275-E1281.	1.0	4

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91	Identification of CDC5L as bridge gene between chronic obstructive pulmonary disease and lung adenocarcinoma. <i>Epigenomics</i> , 2020, 12, 1515-1529.	1.0	4
92	The Expression of Semaphorin 7A in Human Periapical Lesions. <i>Journal of Endodontics</i> , 2021, 47, 1631-1639.	1.4	4
93	Aberrant NF- κ B activation in odontoblasts orchestrates inflammatory matrix degradation and mineral resorption. <i>International Journal of Oral Science</i> , 2022, 14, 6.	3.6	4
94	Epigenetic Regulation of Gene Expression in Epithelial Stem Cells Fate. <i>Current Stem Cell Research and Therapy</i> , 2017, 13, 46-51.	0.6	3
95	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.	1.4	3
96	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.	0.7	3
97	<p>Ultrasound-Guided Transversus Abdominis Plane Block for Cesarean Delivery: Injection Site Pain as a New Complication and Dexamethasone Reduced Incidence</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 565-573.	0.8	3
98	Epigenetic Control of Autophagy Related Genes Transcription in Pulpitis via JMJD3. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 654958.	1.8	3
99	DNA Methylation: A Frontier in Tooth Organogenesis and Developmental Dental Defects. <i>Current Stem Cell Research and Therapy</i> , 2018, 13, 151-158.	0.6	3
100	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.	1.3	3
101	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.	1.3	3
102	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.	0.8	3
103	Wnt7b Inhibits Osteoclastogenesis via AKT Activation and Glucose Metabolic Rewiring. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 771336.	1.8	3
104	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.	0.8	2
105	DNA damage response manages cell cycle restriction of senile multipotent mesenchymal stromal cells. <i>Molecular Biology Reports</i> , 2020, 47, 809-818.	1.0	2
106	Emergency Response Measures for Anesthesia Nursing During the COVID-19 Pandemic: West China Hospital Experiences. <i>Frontiers in Medicine</i> , 2020, 7, 460.	1.2	2
107	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.	0.8	2
108	The role of Trithorax family regulating osteogenic and Chondrogenic differentiation in mesenchymal stem cells. <i>Cell Proliferation</i> , 2022, 55, e13233.	2.4	2

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109	C-Jun N-terminal kinase (JNK) pathway activation is essential for dental papilla cells polarization. PLoS ONE, 2021, 16, e0233944.	1.1	1
110	Inhaled sevoflurane for lower gastrointestinal endoscopy with possible propofol anaphylaxis. International Journal of Clinical and Experimental Medicine, 2014, 7, 3609-11.	1.3	1
111	A preferential delivery method to investigate direct neuromuscular blockade effect of inhaled anesthetics on skeletal muscle. Medical Hypotheses, 2017, 101, 67-68.	0.8	0
112	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.	0.7	0
113	Reporter Mice Used for Dentinogenesis Study. Current Stem Cell Research and Therapy, 2018, 13, 91-100.	0.6	0
114	Re: Neuropathic Pain in Acute and Subacute Neuropathies: A Systematic Review. Pain Physician, 2018, 21, E581-E582.	0.3	0
115	Comments on "Efficacy of Pulsed Radiofrequency or Short-Term Spinal Cord Stimulation for Acute/Subacute Zoster-Related Pain: A Randomized, Double-Blinded, Controlled Trial". Pain Physician, 2021, 24, E893-E894.	0.3	0
116	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.	1.1	0
117	A 41-year-Old woman with neck pain and diabetes insipidus: A case report. Asian Journal of Surgery, 2022, , .	0.2	0