

# Hongbing Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

2,202  
citations

201385

27  
h-index

253896

43  
g-index

79  
all docs

79  
docs citations

79  
times ranked

3225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study identifies a new susceptibility locus for cleft lip with or without a cleft palate. <i>Nature Communications</i> , 2015, 6, 6414.	5.8	167
2	MicroRNA-31a from aging BMSCs links bone formation and resorption in the aged bone marrow microenvironment. <i>Aging Cell</i> , 2018, 17, e12794.	3.0	151
3	The Hippo transducer TAZ promotes epithelial to mesenchymal transition and cancer stem cell maintenance in oral cancer. <i>Molecular Oncology</i> , 2015, 9, 1091-1105.	2.1	139
4	Zoledronic acid promotes TLR4-mediated M1 macrophage polarization in bisphosphonate-related osteonecrosis of the jaw. <i>FASEB Journal</i> , 2019, 33, 5208-5219.	0.2	79
5	Smooth muscle actin-positive myofibroblasts, in association with epithelial-mesenchymal transition and lymphogenesis, is a critical prognostic parameter in patients with oral tongue squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2014, 43, 335-343.	1.4	65
6	Histone deacetylase 8 suppresses osteogenic differentiation of bone marrow stromal cells by inhibiting histone H3K9 acetylation and RUNX2 activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 54, 68-77.	1.2	65
7	MiR-155-5p promotes oral cancer progression by targeting chromatin remodeling gene ARID2. <i>Biomedicine and Pharmacotherapy</i> , 2020, 122, 109696.	2.5	62
8	Oncogenic roles of Bmi1 and its therapeutic inhibition by histone deacetylase inhibitor in tongue cancer. <i>Laboratory Investigation</i> , 2014, 94, 1431-1445.	1.7	55
9	The histone demethylase LSD1 is a novel oncogene and therapeutic target in oral cancer. <i>Cancer Letters</i> , 2016, 374, 12-21.	3.2	49
10	External root resorption of the second molar associated with mesially and horizontally impacted mandibular third molar: evidence from cone beam computed tomography. <i>Clinical Oral Investigations</i> , 2017, 21, 1335-1342.	1.4	49
11	Pharmacological activation of TAZ enhances osteogenic differentiation and bone formation of adipose-derived stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 53.	2.4	48
12	Estrogen regulates stemness and senescence of bone marrow stromal cells to prevent osteoporosis via ER $\alpha$ -SATB2 pathway. <i>Journal of Cellular Physiology</i> , 2018, 233, 4194-4204.	2.0	47
13	Hyaluronan synthase 2 expressed by cancer-associated fibroblasts promotes oral cancer invasion. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 181.	3.5	46
14	The Hippo effector TAZ promotes cancer stemness by transcriptional activation of SOX2 in head neck squamous cell carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 603.	2.7	44
15	Insulin impedes osteogenesis of BMSCs by inhibiting autophagy and promoting premature senescence via the TGF- $\beta$ 1 pathway. <i>Aging</i> , 2020, 12, 2084-2100.	1.4	44
16	Density and location of CD <sup>3+</sup> and CD <sup>8+</sup> tumor-infiltrating lymphocytes correlate with prognosis of oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2018, 47, 359-367.	1.4	41
17	LncRNA NEAT1 controls the lineage fates of BMSCs during skeletal aging by impairing mitochondrial function and pluripotency maintenance. <i>Cell Death and Differentiation</i> , 2022, 29, 351-365.	5.0	41
18	TEAD4 overexpression promotes epithelial-mesenchymal transition and associates with aggressiveness and adverse prognosis in head neck squamous cell carcinoma. <i>Cancer Cell International</i> , 2018, 18, 178.	1.8	40

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19	Roles of SATB2 in Site-Specific Stemness, Autophagy and Senescence of Bone Marrow Mesenchymal Stem Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 680-690.	2.0	38
20	Radiographic features of anatomic relationship between impacted third molar and inferior alveolar canal on coronal CBCT images: risk factors for nerve injury after tooth extraction. <i>Archives of Medical Science</i> , 2018, 14, 532-540.	0.4	38
21	Overexpression of miR-29b reduces collagen biosynthesis by inhibiting heat shock protein 47 during skin wound healing. <i>Translational Research</i> , 2016, 178, 38-53.e6.	2.2	37
22	Therapeutic Targeting of BRD4 in Head Neck Squamous Cell Carcinoma. <i>Theranostics</i> , 2019, 9, 1777-1793.	4.6	37
23	Combinational therapeutic targeting of BRD4 and CDK7 synergistically induces anticancer effects in head and neck squamous cell carcinoma. <i>Cancer Letters</i> , 2020, 469, 510-523.	3.2	36
24	Simvastatin improves oral implant osseointegration via enhanced autophagy and osteogenesis of BMSCs and inhibited osteoclast activity. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1209-1219.	1.3	35
25	ADAR1 promotes the epithelial-to-mesenchymal transition and stem-like cell phenotype of oral cancer by facilitating oncogenic microRNA maturation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 315.	3.5	35
26	Different Levels in Alcohol and Tobacco Consumption in Head and Neck Cancer Patients from 1957 to 2013. <i>PLoS ONE</i> , 2015, 10, e0124045.	1.1	34
27	LncRNA HOTAIR promotes the invasion and metastasis of oral squamous cell carcinoma through metastasis-associated gene 2. <i>Molecular Carcinogenesis</i> , 2020, 59, 353-364.	1.3	34
28	Machine Learning Predicts Lymph Node Metastasis in Early-Stage Oral Tongue Squamous Cell Carcinoma. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 2208-2218.	0.5	30
29	Contribution of SATB2 to the stronger osteogenic potential of bone marrow stromal cells from craniofacial bones. <i>Cell and Tissue Research</i> , 2012, 350, 425-437.	1.5	26
30	Transplantation of osteoporotic bone marrow stromal cells rejuvenated by the overexpression of SATB2 prevents alveolar bone loss in ovariectomized rats. <i>Experimental Gerontology</i> , 2016, 84, 71-79.	1.2	26
31	A functional polymorphism in the <i>pre-miR-146a</i> gene is associated with the risk of nonsyndromic orofacial cleft. <i>Human Mutation</i> , 2018, 39, 742-750.	1.1	26
32	Therapeutically targeting head and neck squamous cell carcinoma through synergistic inhibition of LSD1 and JMJD3 by TCP and GSK-J1. <i>British Journal of Cancer</i> , 2020, 122, 528-538.	2.9	26
33	Focal adhesion kinase serves as a marker of cervical lymph node metastasis and is a potential therapeutic target in tongue cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2010, 136, 1295-1302.	1.2	25
34	Metformin promotes the osseointegration of titanium implants under osteoporotic conditions by regulating BMSCs autophagy, and osteogenic differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 228-235.	1.0	25
35	The angiogenic variation of skeletal site-specific human BMSCs from same alveolar cleft patients: a comparative study. <i>Journal of Molecular Histology</i> , 2016, 47, 153-168.	1.0	24
36	Long noncoding RNA <i>UCA1</i> promotes cell growth, migration, and invasion by targeting miR-143 in oral squamous cell carcinoma. <i>Cancer Medicine</i> , 2020, 9, 3115-3129.	1.3	24

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37	Development and validation of a seven-immune-feature-based prognostic score for oral squamous cell carcinoma after curative resection. <i>International Journal of Cancer</i> , 2020, 146, 1152-1163.	2.3	22
38	Abnormal macrophage polarization impedes the healing of diabetes-associated tooth sockets. <i>Bone</i> , 2021, 143, 115618.	1.4	22
39	SATB2-Nanog axis links age-related intrinsic changes of mesenchymal stem cells from craniofacial bone. <i>Aging</i> , 2016, 8, 2006-2022.	1.4	22
40	Associations between microRNA binding site SNPs in FGFs and FGFRs and the risk of non-syndromic orofacial cleft. <i>Scientific Reports</i> , 2016, 6, 31054.	1.6	21
41	Sp7/osterix positively regulates dlx2b and bglap to affect tooth development and bone mineralization in zebrafish larvae. <i>Journal of Biosciences</i> , 2019, 44, 1.	0.5	21
42	Phenotypic characterization of craniofacial bone marrow stromal cells: unique properties of enhanced osteogenesis, cell recruitment, autophagy, and apoptosis resistance. <i>Cell and Tissue Research</i> , 2014, 358, 165-175.	1.5	19
43	Immune landscape and subtypes in primary resectable oral squamous cell carcinoma: prognostic significance and predictive of therapeutic response. , 2021, 9, e002434.		19
44	Association study between Van der Woude Syndrome causative gene GRHL3 and nonsyndromic cleft lip with or without cleft palate in a Chinese cohort. <i>Gene</i> , 2016, 588, 69-73.	1.0	18
45	Genetic variants in let-7/Lin28 modulate the risk of oral cavity cancer in a Chinese Han Population. <i>Scientific Reports</i> , 2014, 4, 7434.	1.6	16
46	The pluripotency factor LIN28B is involved in oral carcinogenesis and associates with tumor aggressiveness and unfavorable prognosis. <i>Cancer Cell International</i> , 2015, 15, 99.	1.8	15
47	Surgery-First and Orthodontic-First Approaches Produce Similar Patterns of Condylar Displacement and Remodeling in Patients With Skeletal Class III Malocclusion. <i>Journal of Oral and Maxillofacial Surgery</i> , 2019, 77, 1446-1456.	0.5	14
48	HDAC8, A Potential Therapeutic Target, Regulates Proliferation and Differentiation of Bone Marrow Stromal Cells in Fibrous Dysplasia. <i>Stem Cells Translational Medicine</i> , 2019, 8, 148-161.	1.6	14
49	Identification of the canonical and noncanonical role of miR-143/145 in estrogen-deficient bone loss. <i>Theranostics</i> , 2021, 11, 5491-5510.	4.6	14
50	Blood and Salivary MicroRNAs for Diagnosis of Oral Squamous Cell Carcinoma: A Systematic Review and Meta-Analysis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 1082.e1-1082.e13.	0.5	14
51	Comprehensive analysis of ectopic mandibular third molar: a rare clinical entity revisited. <i>Head &amp; Face Medicine</i> , 2017, 13, 24.	0.8	13
52	AKT/FOXO1 axis links cross-talking of endothelial cell and pericyte in TIE2-mutated venous malformations. <i>Cell Communication and Signaling</i> , 2020, 18, 139.	2.7	13
53	miR-34a-5p functions as a tumor suppressor in head and neck squamous cell cancer progression by targeting Flotillin-2. <i>International Journal of Biological Sciences</i> , 2021, 17, 4327-4339.	2.6	13
54	The level and clinical significance of 5-hydroxymethylcytosine in oral squamous cell carcinoma: An immunohistochemical study in 95 patients. <i>Pathology Research and Practice</i> , 2017, 213, 969-974.	1.0	12

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55	Associations of genetic variants in endocytic trafficking of epidermal growth factor receptor super pathway with risk of nonsyndromic cleft lip with or without cleft palate. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2018, 6, 1157-1167.	0.6	12
56	Let-7b-mediated pro-survival of transplanted mesenchymal stem cells for cardiac regeneration. <i>Stem Cell Research and Therapy</i> , 2015, 6, 216.	2.4	10
57	<i>TPM1</i> polymorphisms and nonsyndromic orofacial clefts susceptibility in a Chinese Han population. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1208-1215.	0.7	10
58	Trabeculae microstructure parameters serve as effective predictors for marginal bone loss of dental implant in the mandible. <i>Scientific Reports</i> , 2020, 10, 18437.	1.6	9
59	Age-dependent role of SIRT6 in jawbone via regulating senescence and autophagy of bone marrow stromal cells. <i>Journal of Molecular Histology</i> , 2020, 51, 67-76.	1.0	9
60	Validation of a genome-wide association study implied that SHTIN1 may involve in the pathogenesis of NSCL/P in Chinese population. <i>Scientific Reports</i> , 2016, 6, 38872.	1.6	8
61	Single-stage repair of secondary unilateral cleft lip-nose deformity in adults. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2020, 48, 83-89.	0.7	8
62	Meta-analysis of phospholipase C epsilon 1 polymorphism and cancer risk. <i>Cancer Biomarkers</i> , 2013, 13, 483-489.	0.8	7
63	Concentration-dependent effects of rapamycin on proliferation, migration and apoptosis of endothelial cells in human venous malformation. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 4595-4601.	0.8	7
64	Cerium-Containing Bioactive Glasses Promote In Vitro Lymphangiogenesis. <i>Pharmaceutics</i> , 2022, 14, 225.	2.0	7
65	A CREB1-miR-181a-5p loop regulates the pathophysiologic features of bone marrow stromal cells in fibrous dysplasia of bone. <i>Molecular Medicine</i> , 2021, 27, 81.	1.9	6
66	microRNA-31 inhibition partially ameliorates the deficiency of bone marrow stromal cells from cleidocranial dysplasia. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9472-9486.	1.2	5
67	Assessment of aging characteristics of female condylar trabecular structure by cone-beam computed tomography. <i>Oral Radiology</i> , 2019, 35, 16-22.	0.9	5
68	Geranylgeraniol Restores Zoledronic Acid-Induced Efferocytosis Inhibition in Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 770899.	1.8	5
69	Identification of diagnostic and prognostic signatures derived from preoperative blood parameters for oral squamous cell carcinoma. <i>Annals of Translational Medicine</i> , 2021, 9, 1220-1220.	0.7	3
70	Differential expression profiles and function prediction of tRNA-derived fragments in fibrous dysplasia. <i>Archives of Oral Biology</i> , 2022, 135, 105347.	0.8	1
71	UGM: a more stable procedure for large-scale multiple testing problems, new solutions to identify oncogene. <i>Theoretical Biology and Medical Modelling</i> , 2019, 16, 20.	2.1	0
72	Quantitative sensory testing of mandibular somatosensory function following orthognathic surgery—A pilot study in Chinese with class III malocclusion. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 160-169.	1.3	0

#	ARTICLE	IF	CITATIONS
73	New bone conservation technology of impacted teeth extraction. Oral Surgery, 0, , .	0.1	0