

Zhuan Bian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60 papers	1,700 citations	16 h-index	41 g-index
65 ext. papers	2,246 ext. citations	5.9 avg, IF	6.07 L-index

#	Paper	IF	Citations
60	Coronavirus Disease 2019 (COVID-19): Emerging and Future Challenges for Dental and Oral Medicine. <i>Journal of Dental Research</i> , 2020 , 99, 481-487	8.1	785
59	Blocking FSH induces thermogenic adipose tissue and reduces body fat. <i>Nature</i> , 2017 , 546, 107-112	50.4	160
58	Genome-wide analyses of non-syndromic cleft lip with palate identify 14 novel loci and genetic heterogeneity. <i>Nature Communications</i> , 2017 , 8, 14364	17.4	131
57	The Gene Network Underlying Hypodontia. <i>Journal of Dental Research</i> , 2015 , 94, 878-85	8.1	62
56	Anabolic bone formation via a site-specific bone-targeting delivery system by interfering with semaphorin 4D expression. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 286-96	6.3	61
55	Epitope-specific monoclonal antibodies to FSH increase bone mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2192-2197	11.5	43
54	SRSF5 functions as a novel oncogenic splicing factor and is upregulated by oncogene SRSF3 in oral squamous cell carcinoma. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018 , 1865, 1161-1172	4.9	34
53	Mutations in the EDA gene are responsible for X-linked hypohidrotic ectodermal dysplasia and hypodontia in Chinese kindreds. <i>European Journal of Oral Sciences</i> , 2008 , 116, 412-7	2.3	27
52	Prevention of alveolar bone loss in an osteoporotic animal model via interference of semaphorin 4d. <i>Journal of Dental Research</i> , 2014 , 93, 1095-100	8.1	24
51	Novel nonsense mutation in MSX1 causes tooth agenesis with cleft lip in a Chinese family. <i>European Journal of Oral Sciences</i> , 2012 , 120, 278-82	2.3	22
50	Bone scaffolds loaded with siRNA-Semaphorin4d for the treatment of osteoporosis related bone defects. <i>Scientific Reports</i> , 2016 , 6, 26925	4.9	21
49	Dental Education in Wuhan, China: Challenges and Changes. <i>Journal of Dental Education</i> , 2007 , 71, 304-311	1.6	21
48	Osteoblasts of calvaria induce higher numbers of osteoclasts than osteoblasts from long bone. <i>Bone</i> , 2016 , 86, 10-21	4.7	20
47	One-step quantification of salivary exosomes based on combined aptamer recognition and quantum dot signal amplification. <i>Biosensors and Bioelectronics</i> , 2021 , 171, 112733	11.8	19
46	A novel initiation codon mutation of PAX9 in a family with oligodontia. <i>Archives of Oral Biology</i> , 2016 , 61, 144-8	2.8	16
45	A bone-targeting drug-delivery system based on Semaphorin 3A gene therapy ameliorates bone loss in osteoporotic ovariectomized mice. <i>Bone</i> , 2018 , 114, 40-49	4.7	16
44	Ultrastructural analysis of the teeth affected by amelogenesis imperfecta resulting from FAM83H mutations and review of the literature. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015 , 119, e69-76	2	15

43	MSX1 mutations and associated disease phenotypes: genotype-phenotype relations. <i>European Journal of Human Genetics</i> , 2016 , 24, 1663-1670	5.3	15
42	Functional analysis of a novel missense mutation in AXIN2 associated with non-syndromic tooth agenesis. <i>European Journal of Oral Sciences</i> , 2016 , 124, 228-33	2.3	14
41	Astrocyte elevated gene-1 participates in the production of pro-inflammatory cytokines in dental pulp cells via NF- κ B signalling pathway. <i>International Endodontic Journal</i> , 2018 , 51, 1130-1138	5.4	13
40	Vascular endothelial growth factor A/Vascular endothelial growth factor receptor 2 axis promotes human dental pulp stem cell migration via the FAK/PI3K/Akt and p38 MAPK signalling pathways. <i>International Endodontic Journal</i> , 2019 , 52, 1691-1703	5.4	13
39	Identification of novel mutations of IRF6 gene in Chinese families with Van der Woude syndrome. <i>International Journal of Molecular Medicine</i> , 2005 , 16, 851-6	4.4	13
38	Lipopolysaccharide-induced DNA damage response activates nuclear factor κ B signalling pathway via GATA4 in dental pulp cells. <i>International Endodontic Journal</i> , 2019 , 52, 1704-1715	5.4	12
37	Epidemiological Investigation of OHCWs with COVID-19. <i>Journal of Dental Research</i> , 2020 , 99, 1444-1452	8.1	12
36	FSH aggravates bone loss in ovariectomised rats with experimental periapical periodontitis. <i>Molecular Medicine Reports</i> , 2016 , 14, 2997-3006	2.9	10
35	LPS-miR-34a-CCL22 axis contributes to regulatory T cell recruitment in periapical lesions. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 460, 733-40	3.4	8
34	Response to the Letter to the Editor: How to Deal with Suspended Oral Treatment during the COVID-19 Epidemic. <i>Journal of Dental Research</i> , 2020 , 99, 988	8.1	8
33	Expression of hypoxia-induced semaphorin 7A correlates with the severity of inflammation and osteoclastogenesis in experimentally induced periapical lesions. <i>Archives of Oral Biology</i> , 2017 , 75, 114-119	7.8	7
32	MG53 Inhibits the Progression of Tongue Cancer Cells through Regulating PI3K-AKT Signaling Pathway: Evidence from 3D Cell Culture and Animal Model. <i>Small</i> , 2019 , 15, e1805492	11	7
31	Hypodontia, a prospective predictive marker for tumor?. <i>Oral Diseases</i> , 2016 , 22, 265-73	3.5	7
30	Role of Ku70 in the apoptosis of inflamed dental pulp stem cells. <i>Inflammation Research</i> , 2018 , 67, 777-788	7.8	7
29	Lack of Association between Missense Variants in GRHL3 (rs2486668 and rs545809) and Susceptibility to Non-Syndromic Orofacial Clefts in a Han Chinese Population. <i>PLoS ONE</i> , 2016 , 11, e0159940	3.7	7
28	Genome-wide Analyses Identify a Novel Risk Locus for Nonsyndromic Cleft Palate. <i>Journal of Dental Research</i> , 2020 , 99, 1461-1468	8.1	7
27	Follicle-stimulating hormone enhances alveolar bone resorption via upregulation of cyclooxygenase-2. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 3861-3871	3	6
26	Elevated TARP promotes proliferation and metastasis of salivary adenoid cystic carcinoma. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017 , 123, 468-476	2	5

25	Antifibrotic Potential of MiR-335-3p in Hereditary Gingival Fibromatosis. <i>Journal of Dental Research</i> , 2019 , 98, 1140-1149	8.1	5
24	Mutation detection and prenatal diagnosis of XLHED pedigree. <i>PeerJ</i> , 2017 , 5, e3691	3.1	5
23	Lower concentrations of receptor for advanced glycation end products and epiregulin in amniotic fluid correlate to chemically induced cleft palate in mice. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 51, 45-50	5.8	4
22	Disinfection of Infected Root Canals: Nanosilver Has Good Potential. <i>Small Methods</i> , 2019 , 3, 1900378	12.8	4
21	SPI-2/CrmA inhibits IFN- γ induction by targeting TBK1/IKK. <i>Scientific Reports</i> , 2017 , 7, 10495	4.9	4
20	Differentially Expressed Genes in EEC and LMS Syndromes. <i>PLoS ONE</i> , 2015 , 10, e0129432	3.7	4
19	Topical application of phenytoin or nifedipine-loaded PLGA microspheres promotes periodontal regeneration in vivo. <i>Archives of Oral Biology</i> , 2019 , 97, 42-51	2.8	4
18	A Follicle-Stimulating Hormone Exacerbates the Progression of Periapical Inflammation Through Modulating the Cytokine Release in Periodontal Tissue. <i>Inflammation</i> , 2020 , 43, 1572-1585	5.1	4
17	Novel IRF6 mutations in Chinese Han families with Van der Woude syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1196	2.3	3
16	Two novel mutations in MSX1 causing oligodontia. <i>PLoS ONE</i> , 2020 , 15, e0227287	3.7	3
15	The Protective Effects of Sulforaphane on High-Fat Diet-Induced Obesity in Mice Through Browning of White Fat. <i>Frontiers in Pharmacology</i> , 2021 , 12, 665894	5.6	3
14	Association Between DLX4 Polymorphisms and Nonsyndromic Orofacial Clefts in a Chinese Han Population. <i>Cleft Palate-Craniofacial Journal</i> , 2019 , 56, 357-362	1.9	2
13	Mycn deficiency underlies the development of orofacial clefts in mice and humans. <i>Human Molecular Genetics</i> , 2021 ,	5.6	2
12	Deregulated Adhesion Program in Palatal Keratinocytes of Orofacial Cleft Patients. <i>Genes</i> , 2019 , 10,	4.2	1
11	Novel PTCH1 mutation in Gorlin-Goltz syndrome potentially altered interactions with lipid bilayer. <i>Oral Diseases</i> , 2021 , 27, 475-483	3.5	1
10	Landscape of Cell Communication in Human Dental Pulp.. <i>Small Methods</i> , 2021 , 5, e2100747	12.8	1
9	Experience on reopen dental services of Hospital of Stomatology Wuhan University in COVID-19 crisis. <i>Oral Diseases</i> , 2021 ,	3.5	1
8	Endodontic Microsurgery of Posterior Teeth with the Assistance of Dynamic Navigation Technology: A Report of Three Cases.. <i>Journal of Endodontics</i> , 2022 ,	4.7	1

- 7 Activated KCNQ1 channel promotes fibrogenic response in hereditary gingival fibromatosis via clustering and activation of Ras. *Journal of Periodontal Research*, **2021**, 56, 471-481 4.3 ○
- 6 Mesenchymal Mycn participates in odontoblastic lineage commitment by regulating Krüppel-like Factor 4 (Klf4) in mice.. *Stem Cell Research and Therapy*, **2022**, 13, 78 8.3 ○
- 5 Genome-wide analyses of nonsyndromic cleft lip with or without palate identify 20 new risk loci in the Chinese Han population.. *Journal of Genetics and Genomics*, **2022**, 4
- 4 Two novel mutations in MSX1 causing oligodontia **2020**, 15, e0227287
- 3 Two novel mutations in MSX1 causing oligodontia **2020**, 15, e0227287
- 2 Two novel mutations in MSX1 causing oligodontia **2020**, 15, e0227287
- 1 Two novel mutations in MSX1 causing oligodontia **2020**, 15, e0227287