

# Reuben H Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,648  
citations

201674

27  
h-index

315739

38  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2716  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulp-dentin Regeneration. <i>Journal of Dental Research</i> , 2015, 94, 1544-1551.	5.2	93
2	Revascularization-associated Intracanal Calcification: Assessment of Prevalence and Contributing Factors. <i>Journal of Endodontics</i> , 2017, 43, 2025-2033.	3.1	77
3	Impaired Bone Resorption and Woven Bone Formation Are Associated with Development of Osteonecrosis of the Jaw-Like Lesions by Bisphosphonate and Anti- $\alpha$ Receptor Activator of NF- $\kappa$ B Ligand Antibody in Mice. <i>American Journal of Pathology</i> , 2014, 184, 3084-3093.	3.8	74
4	Bisphosphonates Induce Senescence in Normal Human Oral Keratinocytes. <i>Journal of Dental Research</i> , 2011, 90, 810-816.	5.2	65
5	Beclin1 Modulates Bone Homeostasis by Regulating Osteoclast and Chondrocyte Differentiation. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1753-1766.	2.8	63
6	$\beta$ -Np63 Protein Triggers Epithelial-Mesenchymal Transition and Confers Stem Cell Properties in Normal Human Keratinocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 38757-38767.	3.4	55
7	Periodontitis-induced systemic inflammation exacerbates atherosclerosis partly via endothelial-mesenchymal transition in mice. <i>International Journal of Oral Science</i> , 2019, 11, 21.	8.6	52
8	Elevated expression of JMJD6 is associated with oral carcinogenesis and maintains cancer stemness properties. <i>Carcinogenesis</i> , 2016, 37, 119-128.	2.8	51
9	Impaired Odontogenic Differentiation of Senescent Dental Mesenchymal Stem Cells Is Associated with Loss of Bmi-1 Expression. <i>Journal of Endodontics</i> , 2011, 37, 662-666.	3.1	50
10	Orai1 promotes tumor progression by enhancing cancer stemness via NFAT signaling in oral/oropharyngeal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 43239-43255.	1.8	47
11	Grainyhead-like 2 Enhances the Human Telomerase Reverse Transcriptase Gene Expression by Inhibiting DNA Methylation at the 5 $\beta$ -CpG Island in Normal Human Keratinocytes*. <i>Journal of Biological Chemistry</i> , 2010, 285, 40852-40863.	3.4	46
12	Clinical and Molecular Perspectives of Reparative Dentin Formation. <i>Dental Clinics of North America</i> , 2017, 61, 93-110.	1.8	46
13	Grainyhead-like 2 regulates epithelial plasticity and stemness in oral cancer cells. <i>Carcinogenesis</i> , 2016, 37, 500-510.	2.8	45
14	Preexisting Periapical Inflammatory Condition Exacerbates Tooth Extraction-induced Bisphosphonate-related Osteonecrosis of the Jaw Lesions in Mice. <i>Journal of Endodontics</i> , 2016, 42, 1641-1646.	3.1	44
15	Removal of Pre-Existing Periodontal Inflammatory Condition before Tooth Extraction Ameliorates Medication-Related Osteonecrosis of the Jaw-Like Lesion in Mice. <i>American Journal of Pathology</i> , 2018, 188, 2318-2327.	3.8	44
16	Human papillomavirus 16 (HPV16) enhances tumor growth and cancer stemness of HPV-negative oral/oropharyngeal squamous cell carcinoma cells via miR-181 regulation. <i>Papillomavirus Research (Amsterdam, Netherlands)</i> , 2015, 1, 116-125.	4.5	41
17	Bmi-1 cooperates with human papillomavirus type 16 E6 to immortalize normal human oral keratinocytes. <i>Experimental Cell Research</i> , 2007, 313, 462-472.	2.6	40
18	Regulation of p53 during senescence in normal human keratinocytes. <i>Aging Cell</i> , 2015, 14, 838-846.	6.7	40

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19	Heterogeneous Nuclear Ribonucleoprotein G Shows Tumor Suppressive Effect against Oral Squamous Cell Carcinoma Cells. <i>Clinical Cancer Research</i> , 2006, 12, 3222-3228.	7.0	39
20	Association of hsp90 to the hTERT promoter is necessary for hTERT expression in human oral cancer cells. <i>Carcinogenesis</i> , 2008, 29, 2425-2431.	2.8	39
21	The p63 Gene Is Regulated by Grainyhead-like 2 (GRHL2) through Reciprocal Feedback and Determines the Epithelial Phenotype in Human Keratinocytes. <i>Journal of Biological Chemistry</i> , 2015, 290, 19999-20008.	3.4	35
22	IL-36 Induces Bisphosphonate-Related Osteonecrosis of the Jaw-Like Lesions in Mice by Inhibiting TGF- $\beta$ -Mediated Collagen Expression. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 309-318.	2.8	35
23	The Role of ORAI1 in the Odontogenic Differentiation of Human Dental Pulp Stem Cells. <i>Journal of Dental Research</i> , 2015, 94, 1560-1567.	5.2	34
24	Camphorquinone Inhibits Odontogenic Differentiation of Dental Pulp Cells and Triggers Release of Inflammatory Cytokines. <i>Journal of Endodontics</i> , 2013, 39, 57-61.	3.1	33
25	An Updated Review of Oral Cancer Stem Cells and Their Stemness Regulation. <i>Critical Reviews in Oncogenesis</i> , 2018, 23, 189-200.	0.4	30
26	Bmi-1 extends the life span of normal human oral keratinocytes by inhibiting the TGF- $\beta$ signaling. <i>Experimental Cell Research</i> , 2010, 316, 2600-2608.	2.6	28
27	Orai1 mediates osteogenic differentiation via BMP signaling pathway in bone marrow mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 1309-1314.	2.1	28
28	Porphyromonas gingivalis Impairs Oral Epithelial Barrier through Targeting GRHL2. <i>Journal of Dental Research</i> , 2019, 98, 1150-1158.	5.2	28
29	HIV-1 Tat enhances replicative potential of human oral keratinocytes harboring HPV-16 genome. <i>International Journal of Oncology</i> , 2008, 33, 777-82.	3.3	28
30	Development of oral osteomucosal tissue constructs in vitro and localization of fluorescently-labeled bisphosphonates to hard and soft tissue. <i>International Journal of Molecular Medicine</i> , 2014, 34, 559-563.	4.0	21
31	Grainyhead-like 2 (GRHL2) knockout abolishes oral cancer development through reciprocal regulation of the MAP kinase and TGF- $\beta$ signaling pathways. <i>Oncogenesis</i> , 2018, 7, 38.	4.9	21
32	2-Hydroxyethyl Methacrylate Inhibits Migration of Dental Pulp Stem Cells. <i>Journal of Endodontics</i> , 2013, 39, 1156-1160.	3.1	20
33	Rosuvastatin Prevents the Exacerbation of Atherosclerosis in Ligature-Induced Periodontal Disease Mouse Model. <i>Scientific Reports</i> , 2020, 10, 6383.	3.3	20
34	Three-dimensional Sphere-forming Cells Are Unique Multipotent Cell Population in Dental Pulp Cells. <i>Journal of Endodontics</i> , 2017, 43, 1302-1308.	3.1	18
35	NFATc3 plays an oncogenic role in oral/oropharyngeal squamous cell carcinomas by promoting cancer stemness via expression of OCT4. <i>Oncotarget</i> , 2019, 10, 2306-2319.	1.8	16
36	Effects of Bioactive Compounds on Odontogenic Differentiation and Mineralization. <i>Journal of Dental Research</i> , 2017, 96, 107-115.	5.2	15

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37	Indigenous Microbiota Protects against Inflammation-Induced Osteonecrosis. <i>Journal of Dental Research</i> , 2020, 99, 676-684.	5.2	15
38	Proinflammatory cytokine TNF $\alpha$ promotes HPV-associated oral carcinogenesis by increasing cancer stemness. <i>International Journal of Oral Science</i> , 2020, 12, 3.	8.6	14
39	DYRK1A is required for maintenance of cancer stemness, contributing to tumorigenic potential in oral/oropharyngeal squamous cell carcinoma. <i>Experimental Cell Research</i> , 2021, 405, 112656.	2.6	14
40	Effects of Bisphosphonate Administration on Cleft Bone Graft in a Rat Model. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 687-698.	0.9	12
41	The ER $\alpha$ /KDM6B regulatory axis modulates osteogenic differentiation in human mesenchymal stem cells. <i>Bone Research</i> , 2022, 10, 3.	11.4	12
42	Local vs. systemic administration of bisphosphonates in rat cleft bone graft: A comparative study. <i>PLoS ONE</i> , 2018, 13, e0190901.	2.5	11
43	Human Papillomavirus 16 E6 Induces FoxM1B in Oral Keratinocytes through GRHL2. <i>Journal of Dental Research</i> , 2018, 97, 795-802.	5.2	10
44	Indigenous microbiota protects development of medication-related osteonecrosis induced by periapical disease in mice. <i>International Journal of Oral Science</i> , 2022, 14, 16.	8.6	10
45	Bisphosphonate inhibits the expression of cyclin A2 at the transcriptional level in normal human oral keratinocytes. <i>International Journal of Molecular Medicine</i> , 2017, 40, 623-630.	4.0	9
46	Development of a Direct Pulp-capping Model for the Evaluation of Pulpal Wound Healing and Reparative Dentin Formation in Mice. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	9
47	Osteo-/Odontogenic Differentiation of Induced Mesenchymal Stem Cells Generated through Epithelial-Mesenchyme Transition of Cultured Human Keratinocytes. <i>Journal of Endodontics</i> , 2014, 40, 1796-1801.	3.1	8
48	hTERT peptide fragment GV1001 demonstrates radioprotective and antifibrotic effects through suppression of TGF $\beta$ signaling. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3211-3220.	4.0	8
49	Minced Pulp as Source of Pulpal Mesenchymal Stem Cells with Odontogenic Differentiation Capacity. <i>Journal of Endodontics</i> , 2018, 44, 80-86.	3.1	8
50	Long-Term Ligature-Induced Periodontitis Exacerbates Development of Bisphosphonate-Related Osteonecrosis of the Jaw in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1400-1410.	2.8	8
51	Modeling the Etiology of p53-mutated Cancer Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 10131-10147.	3.4	7
52	Clastic cells are absent around the root surface in pulp-exposed periapical periodontitis lesions in mice. <i>Oral Diseases</i> , 2018, 24, 57-62.	3.0	7
53	Gene expression signatures affected by ethanol and/or nicotine in normal human normal oral keratinocytes (NHOKs). <i>Genomics Data</i> , 2014, 2, 156-161.	1.3	5
54	Evaluation of Tensile Bond Strength between Self-Adhesive Resin Cement and Surface-Pretreated Zirconia. <i>Materials</i> , 2022, 15, 3089.	2.9	5

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55	Epithelial cells release IL-36 $\beta$ in extracellular vesicles following mechanical damage. <i>Biochemical and Biophysical Research Communications</i> , 2022, 605, 56-62.	2.1	4
56	Hyperlipidemia is necessary for the initiation and progression of atherosclerosis by severe periodontitis in mice. <i>Molecular Medicine Reports</i> , 2022, 26, .	2.4	4
57	Zoledronic acid impairs oral cancer stem cells by reducing CCL3. <i>Oncology Reports</i> , 2020, 45, 291-298.	2.6	3
58	Topical application of <i>Porphyromonas gingivalis</i> into the gingival pocket in mice leads to chronic active infection, periodontitis and systemic inflammation. <i>International Journal of Molecular Medicine</i> , 2022, 50, .	4.0	3
59	Zoledronic acid impairs oral cancer stem cells by reducing CCL3. <i>Oncology Reports</i> , 2021, 45, 291-298.	2.6	1
60	Enhancing Dental Student Learning and Skill with Dental Bonding Utilizing a Shear Bond Strength Test. <i>Journal of Dental Education</i> , 2018, 82, 872-877.	1.2	0