Mo K Kang

List of Publications by Year
in descending order

54 papers	1,474 citations	257450 24 h-index	345221 36 g-index
54 all docs	54 docs citations	54 times ranked	2256 citing authors

#	Article	IF	Citations
1	Senescence-associated genes in normal human oral keratinocytes. Experimental Cell Research, 2003, 287, 272-281.	2.6	82
2	Revascularization-associated Intracanal Calcification: Assessment of Prevalence and Contributing Factors. Journal of Endodontics, 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 Antiâ€“Receptor Activator of NF-Î²B Ligand Antibody in Mice. American Journal of Pathology, 2014, 184, 3084-3093.	3.8	74
4	In Vitro Replication and Differentiation of Normal Human Oral Keratinocytes. Experimental Cell Research, 2000, 258, 288-297.	2.6	61
5	Î”Np63Î± Protein Triggers Epithelial-Mesenchymal Transition and Confers Stem Cell Properties in Normal Human Keratinocytes. Journal of Biological Chemistry, 2011, 286, 38757-38767.	3.4	55
6	Clinical validation of a nanodiamond-embedded thermoplastic biomaterial. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9445-E9454.	7.1	55
7	Elevated expression of JMJD6 is associated with oral carcinogenesis and maintains cancer stemness properties. Carcinogenesis, 2016, 37, 119-128.	2.8	51
8	Impaired Odontogenic Differentiation of Senescent Dental Mesenchymal Stem Cells Is Associated with Loss of Bmi-1 Expression. Journal of Endodontics, 2011, 37, 662-666.	3.1	50
9	Orai1 promotes tumor progression by enhancing cancer stemness via NFAT signaling in oral/oropharyngeal squamous cell carcinoma. Oncotarget, 2016, 7, 43239-43255.	1.8	47
10	Grainyhead-like 2 Enhances the Human Telomerase Reverse Transcriptase Gene Expression by Inhibiting DNA Methylation at the 5â€²-CpG Island in Normal Human Keratinocytes*. Journal of Biological Chemistry, 2010, 285, 40852-40863.	3.4	46
11	Grainyhead-like 2 regulates epithelial plasticity and stemness in oral cancer cells. Carcinogenesis, 2016, 37, 500-510.	2.8	45
12	Preexisting Periapical Inflammatory Condition Exacerbates Tooth Extractionâ€“induced Bisphosphonate-related Osteonecrosis ofÂtheÂJawÂLesions in Mice. Journal of Endodontics, 2016, 42, 1641-1646.	3.1	44
13	Removal of Pre-Existing Periodontal Inflammatory Condition before Tooth Extraction Ameliorates Medication-Related Osteonecrosis of the Jawâ€“Like Lesion in Mice. American Journal of Pathology, 2018, 188, 2318-2327.	3.8	44
14	Human papillomavirus 16 (HPV16) enhances tumor growth and cancer stemness of HPV-negative oral/oropharyngeal squamous cell carcinoma cells via miR-181 regulation. Papillomavirus Research (Amsterdam, Netherlands), 2015, 1, 116-125.	4.5	41
15	Bmi-1 cooperates with human papillomavirus type 16 E6 to immortalize normal human oral keratinocytes. Experimental Cell Research, 2007, 313, 462-472.	2.6	40
16	Regulation of p53 during senescence in normal human keratinocytes. Aging Cell, 2015, 14, 838-846.	6.7	40
17	Association of hsp90 to the hTERT promoter is necessary for hTERT expression in human oral cancer cells. Carcinogenesis, 2008, 29, 2425-2431.	2.8	39
18	Senescence occurs withhTERT repression and limited telomere shortening in human oral keratinocytes cultured with feeder cells. Journal of Cellular Physiology, 2004, 199, 364-370.	4.1	37

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19	The Anti-Inflammatory Effect of Human Telomerase-Derived Peptide onP. gingivalisLipopolysaccharide-Induced Inflammatory Cytokine Production and Its Mechanism in Human Dental Pulp Cells. Mediators of Inflammation, 2015, 2015, 1-8.	3.0	35
20	The p63 Gene Is Regulated by Grainyhead-like 2 (GRHL2) through Reciprocal Feedback and Determines the Epithelial Phenotype in Human Keratinocytes. Journal of Biological Chemistry, 2015, 290, 19999-20008.	3.4	35
21	IL-36 Induces Bisphosphonate-Related Osteonecrosis of the Jaw-Like Lesions in Mice by Inhibiting TGF-Î²-Mediated Collagen Expression. Journal of Bone and Mineral Research, 2017, 32, 309-318.	2.8	35
22	Bmi-1 extends the life span of normal human oral keratinocytes by inhibiting the TGF-Î² signaling. Experimental Cell Research, 2010, 316, 2600-2608.	2.6	28
23	Orai1 mediates osteogenic differentiation via BMP signaling pathway in bone marrow mesenchymal stem cells. Biochemical and Biophysical Research Communications, 2016, 473, 1309-1314.	2.1	28
24	Effect of 1440-Nanometer Neodymium:Yttrium-Aluminum-Garnet Laser Irradiation on Pain and Neuropeptide Reduction: A Randomized Prospective Clinical Trial. Journal of Endodontics, 2014, 40, 28-32.	3.1	27
25	Genetic and Epigenetic Characterization of Pulpal and Periapical Inflammation. Frontiers in Physiology, 2020, 11, 21.	2.8	25
26	Therapeutic Potential of Mesenchymal Stem Cells for Oral and Systemic Diseases. Dental Clinics of North America, 2012, 56, 651-675.	1.8	24
27	Extension of Cell Life Span Using Exogenous Telomerase. Methods in Molecular Biology, 2007, 371, 151-165.	0.9	23
28	The telomeric length and heterogeneity decrease with age in normal human oral keratinocytes. Mechanisms of Ageing and Development, 2002, 123, 585-592.	4.6	22
29	Development of oral osteomucosal tissue constructs in vitro and localization of fluorescently-labeled bisphosphonates to hard and soft tissue. International Journal of Molecular Medicine, 2014, 34, 559-563.	4.0	21
30	Grainyhead-like 2 (GRHL2) knockout abolishes oral cancer development through reciprocal regulation of the MAP kinase and TGF-Î² signaling pathways. Oncogenesis, 2018, 7, 38.	4.9	21
31	Rosuvastatin Prevents the Exacerbation of Atherosclerosis in Ligature-Induced Periodontal Disease Mouse Model. Scientific Reports, 2020, 10, 6383.	3.3	20
32	Molecular Mechanisms of Apical Periodontitis. Dental Clinics of North America, 2017, 61, 17-35.	1.8	18
33	Three-dimensional Sphere-forming Cells Are Unique Multipotent Cell Population in Dental Pulp Cells. Journal of Endodontics, 2017, 43, 1302-1308.	3.1	18
34	Histone Lys demethylase KDM3C demonstrates antiâ€inflammatory effects by suppressing NFâ€ÎºB signaling and osteoclastogenesis. FASEB Journal, 2019, 33, 10515-10527.	0.5	18
35	NFATc3 plays an oncogenic role in oral/oropharyngeal squamous cell carcinomas by promoting cancer stemness via expression of OCT4. Oncotarget, 2019, 10, 2306-2319.	1.8	16
36	Proinflammatory cytokine TNFÎ± promotes HPV-associated oral carcinogenesis by increasing cancer stemness. International Journal of Oral Science, 2020, 12, 3.	8.6	14

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37	DYRK1A is required for maintenance of cancer stemness, contributing to tumorigenic potential in oral/oropharyngeal squamous cell carcinoma. Experimental Cell Research, 2021, 405, 112656.	2.6	14
38	Senescence-associated decline in the intranuclear accumulation of hOGG1-Î± and impaired 8-oxo-dG repair activity in senescing normal human oral keratinocytes in vivo. Experimental Cell Research, 2005, 310, 186-195.	2.6	11
39	Normal human oral keratinocytes demonstrate abnormal DNA end joining activity during replicative senescence. Mechanisms of Ageing and Development, 2005, 126, 475-479.	4.6	10
40	Indigenous microbiota protects development of medication-related osteonecrosis induced by periapical disease in mice. International Journal of Oral Science, 2022, 14, 16.	8.6	10
41	Bisphosphonate inhibits the expression of cyclin A2 at the transcriptional level in normal human oral keratinocytes. International Journal of Molecular Medicine, 2017, 40, 623-630.	4.0	9
42	Development of a Direct Pulp-capping Model for the Evaluation of Pulpal Wound Healing and Reparative Dentin Formation in Mice. Journal of Visualized Experiments, 2017, , .	0.3	9
43	Regulation of Epithelial Cell Proliferation, Differentiation, and Plasticity by Grainyhead-Like 2 During Oral Carcinogenesis. Critical Reviews in Oncogenesis, 2018, 23, 201-217.	0.4	9
44	Osteo-/Odontogenic Differentiation of Induced Mesenchymal Stem Cells Generated through Epithelialâ€“Mesenchyme Transition of Cultured Human Keratinocytes. Journal of Endodontics, 2014, 40, 1796-1801.	3.1	8
45	hTERT peptide fragment GV1001 demonstrates radioprotective and antifibrotic effects through suppression of TGFâ€Î² signaling. International Journal of Molecular Medicine, 2018, 41, 3211-3220.	4.0	8
46	Minced Pulp as Source of Pulpal Mesenchymal Stem Cells with Odontogenic Differentiation Capacity. Journal of Endodontics, 2018, 44, 80-86.	3.1	8
47	Polycomb group proteins. Cell Cycle, 2010, 9, 2704-2712.	2.6	7
48	Telomere shortening does not occur during postmaturational aging in situ in normal human oral fibroblasts. Mechanisms of Ageing and Development, 2003, 124, 873-876.	4.6	6
49	Evaluation of the Biodistribution of Human Dental Pulp Stem Cells Transplanted into Mice. Journal of Endodontics, 2018, 44, 592-598.	3.1	5
50	Zoledronic acid impairs oral cancer stem cells by reducing CCL3. Oncology Reports, 2020, 45, 291-298.	2.6	3
51	Zoledronic acid impairs oral cancer stem cells by reducing CCL3. Oncology Reports, 2021, 45, 291-298.	2.6	1
52	Oral Mucosal Keratinocyte Stem Cells. , 2015, , 307-321.		0
53	Endodontics at the Verge of New Era Driven by Biological Innovation. Dental Clinics of North America, 2017, 61, xi-xii.	1.8	0
54	Insights into the July 2019 Issue of the Journal of Endodontics. Journal of Endodontics, 2019, 45, 829-830.	3.1	0