Hae Ryoun Park

List of Publications by Year
in descending order

55 papers	1,235 citations	430442 18 h-index	395343 33 g-index
55 all docs	55 docs citations	55 times ranked	2014 citing authors

#	Article	IF	Citations
1	Curcumin-induced autophagy contributes to the decreased survival of oral cancer cells. Archives of Oral Biology, 2012, 57, 1018-1025.	0.8	114
2	Prolonged and repetitive exposure to Porphyromonas gingivalis increases aggressiveness of oral cancer cells by promoting acquisition of cancer stem cell properties. Tumor Biology, 2015, 36, 9947-9960.	0.8	97
3	Automatic mandibular canal detection using a deep convolutional neural network. Scientific Reports, 2020, 10, 5711.	1.6	79
4	Down-regulation of iNOS and TNF-Î± expression by kaempferol via NF-ÎºB inactivation in aged rat gingival tissues. Biogerontology, 2007, 8, 399-408.	2.0	73
5	Porphyromonas gingivalis increases the invasiveness of oral cancer cells by upregulating IL-8 and MMPs. Cytokine, 2016, 86, 64-72.	1.4	66
6	Hypoxia-inducible factor-1Î± mediates oral squamous cell carcinoma invasion via upregulation of Î±5 integrin and fibronectin. Biochemical and Biophysical Research Communications, 2010, 393, 11-15.	1.0	62
7	Oral cancer cells sustainedly infected with Porphyromonas gingivalis exhibit resistance to Taxol and have higher metastatic potential. Oncotarget, 2017, 8, 46981-46992.	0.8	51
8	Delphinidin induces apoptosis and inhibits epithelialâ€toâ€mesenchymal transition via the ERK/p38 MAPKâ€signaling pathway in human osteosarcoma cell lines. Environmental Toxicology, 2018, 33, 640-649.	2.1	46
9	Negative control of apoptosis signal-regulating kinase 1 through phosphorylation of Ser-1034. Oncogene, 2004, 23, 5099-5104.	2.6	43
10	Fusobacterium nucleatum Accelerates the Progression of Colitis-Associated Colorectal Cancer by Promoting EMT. Cancers, 2020, 12, 2728.	1.7	42
11	Aberrantly hypermethylated tumor suppressor genes were identified in oral squamous cell carcinoma (OSCC). Clinical Epigenetics, 2019, 11, 116.	1.8	41
12	Resveratrol Induces Mitochondrial Apoptosis and Inhibits Epithelial-Mesenchymal Transition in Oral Squamous Cell Carcinoma Cells. Nutrition and Cancer, 2018, 70, 125-135.	0.9	40
13	Kaempferol Inhibits P. intermedia Lipopolysaccharideâ€Induced Production of Nitric Oxide Through Translational Regulation in Murine Macrophages: Critical Role of Heme Oxygenaseâ€1â€Mediated ROS Reduction. Journal of Periodontology, 2013, 84, 545-555.	1.7	31
14	Porphyromonas gingivalis-induced autophagy suppresses cell proliferation through G1 arrest in oral cancer cells. Archives of Oral Biology, 2014, 59, 370-378.	0.8	25
15	Acetylshikonin inhibits growth of oral squamous cell carcinoma by inducing apoptosis. Archives of Oral Biology, 2016, 70, 149-157.	0.8	25
16	<scp>XIAP</scp> inhibitor embelin induces autophagic and apoptotic cell death in human oral squamous cell carcinoma cells. Environmental Toxicology, 2017, 32, 2371-2378.	2.1	22
17	Periodontal Pathogens Modulate Lipid Flux via Fatty Acid Binding Protein 4. Journal of Dental Research, 2019, 98, 1511-1520.	2.5	22
18	Induction of RANTES and CCR5 through NF-ÎºB Activation via MAPK Pathway in Aged Rat Gingival Tissues. Biotechnology Letters, 2006, 28, 17-23.	1.1	21

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19	The potential use of bromelain as a natural oral medicine having anticarcinogenic activities. Food Science and Nutrition, 2019, 7, 1656-1667.	1.5	21
20	DrosophilaHomolog of Human KIF22 at the Autism-Linked 16p11.2 Loci Influences Synaptic Connectivity at Larval Neuromuscular Junctions. Experimental Neurobiology, 2016, 25, 33-39.	0.7	20
21	Serum Levels of Interleukin-6 and Titers of Antibodies against Porphyromonas gingivalis Could Be Potential Biomarkers for the Diagnosis of Oral Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2019, 20, 2749.	1.8	19
22	Quercetin Inhibits Cell Survival and Metastatic Ability via the EMT-Mediated Pathway in Oral Squamous Cell Carcinoma. Molecules, 2020, 25, 757.	1.7	19
23	MAPK3 at the Autism-Linked Human 16p11.2 Locus Influences Precise Synaptic Target Selection at Drosophila Larval Neuromuscular Junctions. Molecules and Cells, 2017, 40, 151-161.	1.0	19
24	Oral Administration of Porphyromonas gingivalis, a Major Pathogen of Chronic Periodontitis, Promotes Resistance to Paclitaxel in Mouse Xenografts of Oral Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2019, 20, 2494.	1.8	18
25	Tumor necrosis factorâ€Î± and interleukinâ€1Î² expression pathway induced by Streptococcus mutans in macrophage cell line RAWâ€ƒ264.7. Molecular Oral Microbiology, 2012, 27, 149-159.	1.3	17
26	(-)-Epigallocatechin-3-Gallate (EGCG) Increases the Viability of Serum-Starved A549 Cells Through Its Effect on Akt. The American Journal of Chinese Medicine, 2009, 37, 723-734.	1.5	16
27	Concentrations of CTX I, CTX II, DPD, and PYD in the urine as a biomarker for the diagnosis of temporomandibular joint osteoarthritis: A preliminary study. Cranio - Journal of Craniomandibular Practice, 2017, 36, 1-7.	0.6	14
28	Effect of Remineralized Collagen on Dentin Bond Strength through Calcium Phosphate Ion Clusters or Metastable Calcium Phosphate Solution. Nanomaterials, 2020, 10, 2203.	1.9	13
29	Microbial and molecular differences according to the location of head and neck cancers. Cancer Cell International, 2022, 22, 135.	1.8	13
30	Acetylshikonin suppresses invasion of PorphyromonasÃ¯Â¿Â½gingivalisâ€˜infected YD10B oral cancer cells by modulating the interleukin-8/matrix metalloproteinase axis. Molecular Medicine Reports, 2017, 17, 2327-2334.	1.1	12
31	Porphyromonas gingivalis exacerbates the progression of fatty liver disease via CD36-PPARÎ³ pathway. BMB Reports, 2021, 54, 323-328.	1.1	11
32	Placenta Hominis Protects Osteoporosis in Ovariectomized Rats. Immunopharmacology and Immunotoxicology, 2006, 28, 165-173.	1.1	10
33	Periodontal Pathogens Promote Foam Cell Formation by Blocking Lipid Efflux. Journal of Dental Research, 2021, 100, 1367-1377.	2.5	10
34	Genome-Wide Analysis of the DNA Methylation Profile Identifies the Fragile Histidine Triad (FHIT) Gene as a New Promising Biomarker of Crohnâ€™s Disease. Journal of Clinical Medicine, 2020, 9, 1338.	1.0	9
35	Authentication of differential gene expression in oral squamous cell carcinoma using machine learning applications. BMC Oral Health, 2021, 21, 281.	0.8	9
36	Hypomethylation of lncRNA H19 as a potential prognostic biomarker for oral squamous cell carcinoma. Archives of Oral Biology, 2021, 129, 105214.	0.8	9

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37	Infection of Porphyromonas gingivalis Increases Phosphate-Induced Calcification of Vascular Smooth Muscle Cells. Cells, 2020, 9, 2694.	1.8	8
38	Agomelatine, a MT1/MT2 melatonergic receptor agonist with serotonin 5-HT2C receptor antagonistic properties, suppresses Prevotella intermedia lipopolysaccharide-induced production of proinflammatory mediators in murine macrophages. Archives of Oral Biology, 2017, 82, 11-18.	0.8	7
39	MicroRNA-31 Regulates Expression of Wntless in Both Drosophila melanogaster and Human Oral Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 7232.	1.8	7
40	Proteinâ€“Protein Interactions. Springer Protocols, 2008, , 463-494.	0.1	7
41	Langerhans cell histiocytosis of the mandible: two case reports and literature review. Journal of the Korean Association of Oral and Maxillofacial Surgeons, 2019, 45, 167.	0.3	6
42	Isobutyrylshikonin has a potentially stronger cytotoxic effect in oral cancer cells than its analogue shikonin in vitro. Archives of Oral Biology, 2020, 116, 104774.	0.8	6
43	Identification of Shared Genes and Pathways in Periodontitis and Type 2 Diabetes by Bioinformatics Analysis. Frontiers in Endocrinology, 2021, 12, 724278.	1.5	6
44	Profiling of plasmaâ€derived exosomal RNA expression in patients with periodontitis: A pilot study. Oral Diseases, 2023, 29, 1726-1737.	1.5	6
45	Role of VLA-integrin receptor in invasion and metastasis of human fibrosarcoma cells. Cancer Letters, 1996, 106, 227-233.	3.2	5
46	MicroRNA-133 Targets Phosphodiesterase 1C in Drosophila and Human Oral Cancer Cells to Regulate Epithelial-Mesenchymal Transition. Journal of Cancer, 2021, 12, 5296-5309.	1.2	5
47	Local Injection of Growth Hormone for Temporomandibular Joint Osteoarthritis. Yonsei Medical Journal, 2020, 61, 331.	0.9	5
48	Widely disseminated sporadic Burkitt lymphoma initially presented as oral manifestations in a 6-year-old boy. Journal of Oral Biology and Craniofacial Research, 2018, 8, 140-142.	0.8	4
49	Josamycin suppresses Prevotella intermedia lipopolysaccharide-induced production of nitric oxide and interleukin-1Î² in murine macrophages. Biomedicine and Pharmacotherapy, 2018, 105, 498-505.	2.5	3
50	Retrospective analysis of the effects of non-communicable diseases on periodontitis treatment outcomes. Journal of Periodontal and Implant Science, 2022, 52, 183.	0.9	1
51	NCX 4040, a nitric oxide-donating aspirin derivative, inhibits Prevotella intermedia lipopolysaccharide-induced production of proinflammatory mediators in murine macrophages. European Journal of Pharmacology, 2015, 768, 87-95.	1.7	0
52	A decision tree to identify the combinations of non-communicable diseases that constitute the highest risk for dental caries experience: A hospital records-based study. PLoS ONE, 2021, 16, e0257079.	1.1	0
53	The Role of CD44 in the Adhesion of Human Osteosarcoma to Hyaluronic Acid. Korean Journal of Physical Anthropology, 2001, 14, 349.	0.2	0
54	Chios Gum Mastic Induces Cell Cycle Arrest and Apoptosis in YD9 Human Oral Squamous Carcinoma Cells. Korean Journal of Physical Anthropology, 2008, 21, 55.	0.2	0

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55	Apoptotic Effect of Co-Treatment with a Natural Product, Chios Gum Mastic, and a Synthetic Chenodeoxycholic Acid Derivative, HS-1200, on Human Osteosarcoma Cells. Korean Journal of Physical Anthropology, 2008, 21, 167.	0.2	0