

Jeong-Heon Cha

List of Publications by Year in descending order

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65
papers

1,747
citations

304743

22
h-index

302126

39
g-index

68
all docs

68
docs citations

68
times ranked

2850
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigallocatechin-3-Gallate, a Histone Acetyltransferase Inhibitor, Inhibits EBV-Induced B Lymphocyte Transformation via Suppression of RelA Acetylation. <i>Cancer Research</i> , 2009, 69, 583-592.	0.9	331
2	Polymorphism in the CagA EPIYA Motif Impacts Development of Gastric Cancer. <i>Journal of Clinical Microbiology</i> , 2009, 47, 959-968.	3.9	119
3	Epidemiological Link between Gastric Disease and Polymorphisms in VacA and CagA. <i>Journal of Clinical Microbiology</i> , 2010, 48, 559-567.	3.9	72
4	Gallic acid improves glucose tolerance and triglyceride concentration in diet-induced obesity mice. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2013, 73, 607-614.	1.2	71
5	Prostaglandin E ₂ Is a Main Mediator in Receptor Activator of Nuclear Factor- κ B Ligand-Dependent Osteoclastogenesis Induced by <i>Porphyromonas gingivalis</i> , <i>Treponema denticola</i> , and <i>Treponema socranskii</i> . <i>Journal of Periodontology</i> , 2005, 76, 813-820.	3.4	62
6	The Effect of Metformin on Alveolar Bone in Ligature-Induced Periodontitis in Rats: A Pilot Study. <i>Journal of Periodontology</i> , 2010, 81, 412-419.	3.4	57
7	Licochalcone E has an antidiabetic effect. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 759-767.	4.2	56
8	Wogonin ameliorates hyperglycemia and dyslipidemia via PPAR α activation in db/db mice. <i>Clinical Nutrition</i> , 2014, 33, 156-163.	5.0	55
9	Polymorphisms in the Intermediate Region of VacA Impact <i>Helicobacter pylori</i> -Induced Disease Development. <i>Journal of Clinical Microbiology</i> , 2011, 49, 101-110.	3.9	43
10	Transgenic mice expressing the diphtheria toxin receptor are sensitive to the toxin. <i>Molecular Microbiology</i> , 2003, 49, 235-240.	2.5	41
11	Protective effect of Korean Red Ginseng extract against <i>Helicobacter pylori</i> -induced gastric inflammation in Mongolian gerbils. <i>Journal of Ginseng Research</i> , 2014, 38, 8-15.	5.7	41
12	Tumor necrosis factor- α antagonist diminishes osteocytic RANKL and sclerostin expression in diabetes rats with periodontitis. <i>PLoS ONE</i> , 2017, 12, e0189702.	2.5	41
13	Cell Surface Monkey CD9 Antigen Is a Coreceptor That Increases Diphtheria Toxin Sensitivity and Diphtheria Toxin Receptor Affinity. <i>Journal of Biological Chemistry</i> , 2000, 275, 6901-6907.	3.4	39
14	Receptor Activator of Nuclear Factor- κ B Ligand and Sclerostin Expression in Osteocytes of Alveolar Bone in Rats With Ligature-Induced Periodontitis. <i>Journal of Periodontology</i> , 2014, 85, e370-8.	3.4	36
15	Dynamic Expansion and Contraction of <i>cagA</i> Copy Number in <i>Helicobacter pylori</i> Impact Development of Gastric Disease. <i>MBio</i> , 2017, 8, .	4.1	31
16	Osteocytic Sclerostin Expression in Alveolar Bone in Rats With Diabetes Mellitus and Ligature-Induced Periodontitis. <i>Journal of Periodontology</i> , 2015, 86, 1005-1011.	3.4	29
17	Genetic analysis of <i>Helicobacter pylori</i> clinical isolates suggests resistance to metronidazole can occur without the loss of functional rdxA. <i>Journal of Antibiotics</i> , 2009, 62, 43-50.	2.0	28
18	Toxin binding site of the diphtheria toxin receptor: loss and gain of diphtheria toxin binding of monkey and mouse heparin-binding, epidermal growth factor-like growth factor precursors by reciprocal site-directed mutagenesis. <i>Molecular Microbiology</i> , 1998, 29, 1275-1284.	2.5	25

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19	The Geographic Origin of <i>Helicobacter pylori</i> Influences the Association of the <i>homB</i> Gene with Gastric Cancer. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1082-1085.	3.9	25
20	Latent transforming growth factor beta-binding protein-3 and fibulin-1C interact with the extracellular domain of the heparin-binding EGF-like growth factor precursor. <i>BMC Cell Biology</i> , 2002, 3, 2.	3.0	24
21	<i>Helicobacter pylori</i> bab Paralog Distribution and Association with <i>cagA</i> , <i>vacA</i> , and <i>homA/B</i> Genotypes in American and South Korean Clinical Isolates. <i>PLoS ONE</i> , 2015, 10, e0137078.	2.5	23
22	Diphtheria Toxin:Receptor Interaction: Association, Dissociation, and Effect of pH. <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 297-302.	2.1	22
23	ArsRS-Dependent Regulation of <i>homB</i> Contributes to <i>Helicobacter pylori</i> Biofilm Formation. <i>Frontiers in Microbiology</i> , 2018, 9, 1497.	3.5	21
24	<i>Helicobacter pylori</i> -Induced HB-EGF Upregulates Gastrin Expression via the EGF Receptor, C-Raf, Mek1, and Erk2 in the MAPK Pathway. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 541.	3.9	20
25	Effects of novel chalcone derivatives on α -glucosidase, dipeptidyl peptidase-4, and adipocyte differentiation in vitro. <i>BMB Reports</i> , 2011, 44, 410-414.	2.4	20
26	Comparison of Regrowth of <i>Enterococcus faecalis</i> in Dentinal Tubules after Sealing with Gutta-Percha or Resilon. <i>Journal of Endodontics</i> , 2008, 34, 445-448.	3.1	19
27	Anti-proliferative Effect of Licochalcone A on Vascular Smooth Muscle Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1996-2000.	1.4	19
28	Licochalcone F alleviates glucose tolerance and chronic inflammation in diet-induced obese mice through Akt and p38 MAPK. <i>Clinical Nutrition</i> , 2016, 35, 414-421.	5.0	19
29	Effect of Smear Layer and Chlorhexidine Treatment on the Adhesion of <i>Enterococcus faecalis</i> to Bovine Dentin. <i>Journal of Endodontics</i> , 2006, 32, 663-667.	3.1	18
30	Heparin-binding epidermal growth factor-like growth factor inhibits adipocyte differentiation at commitment and early induction stages. <i>Differentiation</i> , 2008, 76, 478-487.	1.9	18
31	A Concise Synthesis of Licochalcone E and Its Regio-Isomer, Licochalcone F. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 607-609.	1.3	18
32	Effect of the interaction between periodontitis and type 1 diabetes mellitus on alveolar bone, mandibular condyle and tibia. <i>Acta Odontologica Scandinavica</i> , 2014, 72, 265-273.	1.6	18
33	Comparative analysis of the Hom family of outer membrane proteins in isolates from two geographically distinct regions: The United States and South Korea. <i>Helicobacter</i> , 2018, 23, e12461.	3.5	18
34	Receptor-Based Antidote for Diphtheria. <i>Infection and Immunity</i> , 2002, 70, 2344-2350.	2.2	17
35	The influence of diabetes mellitus on periodontal tissues: a pilot study. <i>Journal of Periodontal and Implant Science</i> , 2010, 40, 49.	2.0	16
36	N-acetylcysteine prevents the development of gastritis induced by <i>Helicobacter pylori</i> infection. <i>Journal of Microbiology</i> , 2017, 55, 396-402.	2.8	15

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37	Creation and Initial Characterization of Isogenic <i>Helicobacter pylori</i> CagA EPIYA Variants Reveals Differential Activation of Host Cell Signaling Pathways. <i>Scientific Reports</i> , 2017, 7, 11057.	3.3	15
38	Molecular Characterization of Key Diphtheria Toxin:Receptor Interactions. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 374-381.	2.1	14
39	Intermittent PTH administration improves alveolar bone formation in type 1 diabetic rats with periodontitis. <i>Journal of Translational Medicine</i> , 2018, 16, 70.	4.4	14
40	Heterospecific Expression of the <i>Bacillus subtilis</i> Cell Shape Determination Genes mreBCD in <i>Escherichia coli</i> *. <i>Current Microbiology</i> , 2003, 47, 146-152.	2.2	13
41	Random and site-specific mutagenesis of the <i>Helicobacter pylori</i> ferric uptake regulator provides insight into Fur structure-function relationships. <i>Molecular Microbiology</i> , 2013, 89, 304-323.	2.5	13
42	Crystal structure of CagL from <i>Helicobacter pylori</i> K74 strain. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 964-970.	2.1	13
43	Nuclear Receptor Expression and Function in Human Lung Cancer Pathogenesis. <i>PLoS ONE</i> , 2015, 10, e0134842.	2.5	12
44	Evolutionary mechanism leading to the multi-cagA genotype in <i>Helicobacter pylori</i> . <i>Scientific Reports</i> , 2019, 9, 11203.	3.3	12
45	Simvastatin attenuates tibial bone loss in rats with type 1 diabetes and periodontitis. <i>Journal of Translational Medicine</i> , 2018, 16, 306.	4.4	11
46	<i>Helicobacter pylori</i> outer membrane protein, HomC, shows geographic dependent polymorphism that is influenced by the Bab family. <i>Journal of Microbiology</i> , 2016, 54, 846-852.	2.8	10
47	The presence of neutrophils causes RANKL expression in periodontal tissue, giving rise to osteoclast formation. <i>Journal of Periodontal Research</i> , 2020, 55, 868-876.	2.7	9
48	miR146a-mediated targeting of FANCM during inflammation compromises genome integrity. <i>Oncotarget</i> , 2016, 7, 45976-45994.	1.8	9
49	Hamster Diphtheria Toxin Receptor: A Naturally Occurring Chimera of Monkey and Mouse HB-EGF Precursors. <i>Biochemical and Biophysical Research Communications</i> , 1999, 254, 325-329.	2.1	7
50	Effect of globular adiponectin on interleukin-6 and interleukin-8 expression in periodontal ligament and gingival fibroblasts. <i>Journal of Periodontal and Implant Science</i> , 2011, 41, 149.	2.0	7
51	Mouse strain-dependent osteoclastogenesis in response to lipopolysaccharide. <i>Journal of Microbiology</i> , 2007, 45, 566-71.	2.8	7
52	Genomic differentiation within East Asian <i>Helicobacter pylori</i> . <i>Microbial Genomics</i> , 2022, 8, .	2.0	7
53	Host immune response mediates changes in <i>cagA</i> copy number and virulence potential of <i>Helicobacter pylori</i> . <i>Gut Microbes</i> , 2022, 14, 2044721.	9.8	7
54	Cot kinase plays a critical role in <i>Helicobacter pylori</i> -induced IL-8 expression. <i>Journal of Microbiology</i> , 2017, 55, 311-317.	2.8	6

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55	Wogonin inhibits osteoclast formation induced by lipopolysaccharide. <i>Phytotherapy Research</i> , 2010, 24, 964-968.	5.8	5
56	Role of bacterial \hat{I}^3 -glutamyltranspeptidase as a novel virulence factor in bone-resorbing pathogenesis. <i>Journal of Microbiology</i> , 2016, 54, 396-402.	2.8	5
57	Complementation system for <i>Helicobacter pylori</i> . <i>Journal of Microbiology</i> , 2011, 49, 481-486.	2.8	4
58	Induction of IL-6 and IL-8 Expression by Leptin Treatment in Periodontal Ligament Cells and Gingival Fibroblasts. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2013, 38, 73-80.	0.1	4
59	CagL polymorphisms between East Asian and Western <i>Helicobacter pylori</i> are associated with different abilities to induce IL-8 secretion. <i>Journal of Microbiology</i> , 2021, 59, 763-770.	2.8	3
60	Geographic diversity in <i>Helicobacter pylori</i> oipA genotype between Korean and United States isolates. <i>Journal of Microbiology</i> , 2021, 59, 1125-1132.	2.8	3
61	Effect of Areca Nut on <i>Helicobacter pylori</i> -Induced Gastric Diseases in Mice. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1817-1823.	2.1	2
62	Odontoclast and Osteoclast Formation in Rats with Ligature-Induced Periodontitis. <i>Journal of Dental Hygiene Science</i> , 2015, 15, 295-300.	0.3	2
63	<i>Helicobacter pylori</i> -mediated gastric pathogenesis is attenuated by treatment of 2-deoxyglucose and metformin. <i>Journal of Microbiology</i> , 2022, 60, 849-858.	2.8	2
64	Root Resorption in Streptozotocin-induced Diabetic Rats with Ligature-induced Periodontitis. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2015, 40, 111-116.	0.1	1
65	Characterization of East-Asian <i>Helicobacter pylori</i> encoding Western EPIYA-ABC CagA. <i>Journal of Microbiology</i> , 2021, 60, 207.	2.8	1