

Ping Zhang

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.

46
papers

1,518
citations

20
h-index

38
g-index

47
ext. papers

1,704
ext. citations

4.6
avg. IF

4.18
L-index

#	Paper	IF	Citations
46	Eosinophil-derived neurotoxin acts as an alarmin to activate the TLR2-MyD88 signal pathway in dendritic cells and enhances Th2 immune responses. <i>Journal of Experimental Medicine</i> , 2008 , 205, 79-90	16.6	275
45	pH required to kill <i>Enterococcus faecalis</i> in vitro. <i>Journal of Endodontics</i> , 2004 , 30, 218-9	4.7	122
44	Toll-like receptor 2 is required for inflammatory responses to <i>Francisella tularensis</i> LVS. <i>Infection and Immunity</i> , 2006 , 74, 2809-16	3.7	115
43	Hydrolysis of epithelial junctional proteins by <i>Porphyromonas gingivalis</i> gingipains. <i>Infection and Immunity</i> , 2002 , 70, 2512-8	3.7	103
42	Molecular mechanism of the bifunctional role of lipopolysaccharide in osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 12512-23	5.4	76
41	TLR2-dependent modulation of osteoclastogenesis by <i>Porphyromonas gingivalis</i> through differential induction of NFATc1 and NF-kappaB. <i>Journal of Biological Chemistry</i> , 2011 , 286, 24159-69	5.4	76
40	Glycogen synthase kinase-3beta (GSK3beta) inhibition suppresses the inflammatory response to <i>Francisella</i> infection and protects against tularemia in mice. <i>Molecular Immunology</i> , 2009 , 46, 677-87	4.3	65
39	Molecular basis of requirement of receptor activator of nuclear factor B signaling for interleukin 1-mediated osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2012 , 287, 15728-38	5.4	57
38	Role of mitogen-activated protein kinases and NF-kappaB in the regulation of proinflammatory and anti-inflammatory cytokines by <i>Porphyromonas gingivalis</i> hemagglutinin B. <i>Infection and Immunity</i> , 2005 , 73, 3990-8	3.7	52
37	Enhanced immunogenicity of a genetic chimeric protein consisting of two virulence antigens of <i>Streptococcus mutans</i> and protection against infection. <i>Infection and Immunity</i> , 2002 , 70, 6779-87	3.7	50
36	TLR4-mediated activation of dendritic cells by the heat shock protein DnaK from <i>Francisella tularensis</i> . <i>Journal of Leukocyte Biology</i> , 2008 , 84, 1434-46	6.5	41
35	Effect of a separated instrument on bacterial penetration of obturated root canals. <i>Journal of Endodontics</i> , 2004 , 30, 177-9	4.7	39
34	Effectiveness of the quillaja saponin semi-synthetic analog GPI-0100 in potentiating mucosal and systemic responses to recombinant HagB from <i>Porphyromonas gingivalis</i> . <i>Vaccine</i> , 2003 , 21, 4459-71	4.1	32
33	Phenotype and Function of Myeloid-Derived Suppressor Cells Induced by <i>Porphyromonas gingivalis</i> Infection. <i>Infection and Immunity</i> , 2017 , 85,	3.7	31
32	Different enamel and dentin mineralization observed in VDR deficient mouse model. <i>Archives of Oral Biology</i> , 2009 , 54, 299-305	2.8	27
31	Role of B7 costimulatory molecules in immune responses and T-helper cell differentiation in response to recombinant HagB from <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , 2004 , 72, 637-44	3.7	27
30	Pulp-Dentin Tissue Healing Response: A Discussion of Current Biomedical Approaches. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	26

29	Sec translocase and sortase A are colocalised in a locus in the cytoplasmic membrane of <i>Streptococcus mutans</i> . <i>Archives of Oral Biology</i> , 2008 , 53, 150-4	2.8	24
28	Extensive description and comparison of human supra-gingival microbiome in root caries and health. <i>PLoS ONE</i> , 2015 , 10, e0117064	3.7	24
27	IL-1R/TLR2 through MyD88 Divergently Modulates Osteoclastogenesis through Regulation of Nuclear Factor of Activated T Cells c1 (NFATc1) and B Lymphocyte-induced Maturation Protein-1 (Blimp1). <i>Journal of Biological Chemistry</i> , 2015 , 290, 30163-74	5.4	20
26	Synthesis of QS-21-based immunoadjuvants. <i>Journal of Organic Chemistry</i> , 2013 , 78, 11525-34	4.2	20
25	Effectiveness of the B subunit of cholera toxin in potentiating immune responses to the recombinant hemagglutinin/adhesin domain of the gingipain Kgp from <i>Porphyromonas gingivalis</i> . <i>Vaccine</i> , 2005 , 23, 4734-44	4.1	20
24	Effect of attenuated <i>Salmonella enterica</i> serovar Typhimurium expressing a <i>Streptococcus mutans</i> antigen on secondary responses to the cloned protein. <i>Infection and Immunity</i> , 2001 , 69, 6604-11	3.7	18
23	Periodontal infection with <i>Porphyromonas gingivalis</i> induces preterm birth and lower birth weight in rats. <i>Molecular Oral Microbiology</i> , 2018 , 33, 312-321	4.6	17
22	Role of CD80 and CD86 in host immune responses to the recombinant hemagglutinin domain of <i>Porphyromonas gingivalis</i> gingipain and in the adjuvanticity of cholera toxin B and monophosphoryl lipid A. <i>Vaccine</i> , 2007 , 25, 6201-10	4.1	15
21	Immunogenicity of <i>Salmonella</i> vector vaccines expressing SBR of <i>Streptococcus mutans</i> under the control of a T7-nirB (dual) promoter system. <i>Vaccine</i> , 2006 , 24, 5003-15	4.1	15
20	Synthesis and Evaluation of QS-21-Based Immunoadjuvants with a Terminal-Functionalized Side Chain Incorporated in the West Wing Trisaccharide. <i>Journal of Organic Chemistry</i> , 2016 , 81, 9560-9566	4.2	13
19	Comparison of immunological and microbiological characteristics in children and the elderly with or without dental caries. <i>European Journal of Oral Sciences</i> , 2015 , 123, 80-7	2.3	11
18	Normalisation of calcium status reverses the phenotype in dentin, but not in enamel of VDR-deficient mice. <i>Archives of Oral Biology</i> , 2009 , 54, 1105-10	2.8	11
17	Synthesis and Evaluation of a QS-17/18-Based Vaccine Adjuvant. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 1669-1676	8.3	10
16	Synthesis and Evaluation of QS-7-Based Vaccine Adjuvants. <i>ACS Infectious Diseases</i> , 2019 , 5, 974-981	5.5	9
15	Enhanced dual function of osteoclast precursors following calvarial <i>Porphyromonas gingivalis</i> infection. <i>Journal of Periodontal Research</i> , 2020 , 55, 410-425	4.3	9
14	Characterization and regulation of osteoclast precursors following chronic infection. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 1037-1050	6.5	9
13	Role of mTOR downstream effector signaling molecules in <i>Francisella tularensis</i> internalization by murine macrophages. <i>PLoS ONE</i> , 2013 , 8, e83226	3.7	8
12	Specific RANK Cytoplasmic Motifs Drive Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1938-1951	6.3	7

11	Structural Effect on Adjuvanticity of Saponins. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 3290-3297	8.3	7
10	Effects of 1,25-dihydroxyvitamin D on Macrophage Cytokine Secretion Stimulated by <i>Porphyromonas gingivalis</i> . <i>Japanese Journal of Infectious Diseases</i> , 2016 , 69, 482-487	2.7	7
9	Phosphatidylinositol 3-Kinase/Akt signal pathway resists the apoptosis and inflammation in human extravillous trophoblasts induced by <i>Porphyromonas gingivalis</i> . <i>Molecular Immunology</i> , 2018 , 104, 100-107	4.7	7
8	Contribution of a <i>Streptococcus mutans</i> antigen expressed by a <i>Salmonella</i> vector vaccine in dendritic cell activation. <i>Infection and Immunity</i> , 2011 , 79, 3792-800	3.7	6
7	Vaccine Adjuvants Derivatized from Saponins I and II. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 9976-9983	3.3	5
6	VDR deficiency affects alveolar bone and cementum apposition in mice. <i>Archives of Oral Biology</i> , 2011 , 56, 672-7	2.8	5
5	Impact of C28 Oligosaccharide on Adjuvant Activity of QS-7 Analogues. <i>Journal of Organic Chemistry</i> , 2020 , 85, 15837-15848	4.2	4
4	Age-related expansion and increased osteoclastogenic potential of myeloid-derived suppressor cells. <i>Molecular Immunology</i> , 2021 , 137, 187-200	4.3	2
3	Periodontal Infection Aggravates C1q-Mediated Microglial Activation and Synapse Pruning in Alzheimer's Mice. <i>Frontiers in Immunology</i> , 2022 , 13, 816640	8.4	0
2	Role of chromatin modulator Dpy30 in osteoclast differentiation and function. <i>Bone</i> , 2022 , 159, 116379	4.7	0
1	Eosinophil-derived neurotoxin acts as an alarmin to activate TLR2-MyD88 signal pathway in dendritic cells and enhance Th2 immune responses. <i>FASEB Journal</i> , 2008 , 22, 672.17	0.9	