

# Ping Zhang

## List of Publications by Year in Descending Order

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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	Periodontal Infection Aggravates C1q-Mediated Microglial Activation and Synapse Pruning in Alzheimer's Mice.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 816640	8.4	0
45	Role of chromatin modulator Dpy30 in osteoclast differentiation and function.. <i>Bone</i> , <b>2022</b> , 159, 116379	4.7	0
44	Age-related expansion and increased osteoclastogenic potential of myeloid-derived suppressor cells. <i>Molecular Immunology</i> , <b>2021</b> , 137, 187-200	4.3	2
43	Impact of C28 Oligosaccharide on Adjuvant Activity of QS-7 Analogues. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 15837-15848	4.2	4
42	Pulp-Dentin Tissue Healing Response: A Discussion of Current Biomedical Approaches. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	26
41	Structural Effect on Adjuvanticity of Saponins. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 3290-3297	8.3	7
40	Enhanced dual function of osteoclast precursors following calvarial Porphyromonas gingivalis infection. <i>Journal of Periodontal Research</i> , <b>2020</b> , 55, 410-425	4.3	9
39	Characterization and regulation of osteoclast precursors following chronic infection. <i>Journal of Leukocyte Biology</i> , <b>2020</b> , 108, 1037-1050	6.5	9
38	Specific RANK Cytoplasmic Motifs Drive Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1938-1951	6.3	7
37	Synthesis and Evaluation of QS-7-Based Vaccine Adjuvants. <i>ACS Infectious Diseases</i> , <b>2019</b> , 5, 974-981	5.5	9
36	Vaccine Adjuvants Derivatized from Saponins I and II. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 9976-9983	8.3	5
35	Synthesis and Evaluation of a QS-17/18-Based Vaccine Adjuvant. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1669-1676	8.3	10
34	Phosphatidylinositol 3-Kinase/Akt signal pathway resists the apoptosis and inflammation in human extravillous trophoblasts induced by Porphyromonas gingivalis. <i>Molecular Immunology</i> , <b>2018</b> , 104, 100-107	4.3	7
33	Periodontal infection with Porphyromonas gingivalis induces preterm birth and lower birth weight in rats. <i>Molecular Oral Microbiology</i> , <b>2018</b> , 33, 312-321	4.6	17
32	Phenotype and Function of Myeloid-Derived Suppressor Cells Induced by Porphyromonas gingivalis Infection. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	31
31	Effects of 1,25-dihydroxyvitamin D on Macrophage Cytokine Secretion Stimulated by Porphyromonas gingivalis. <i>Japanese Journal of Infectious Diseases</i> , <b>2016</b> , 69, 482-487	2.7	7
30	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> , <b>2016</b> , 81, 9560-9566	4.2	13

29	Comparison of immunological and microbiological characteristics in children and the elderly with or without dental caries. <i>European Journal of Oral Sciences</i> , <b>2015</b> , 123, 80-7	2.3	11
28	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> , <b>2015</b> , 290, 30163-74	5.4	20
27	Extensive description and comparison of human supra-gingival microbiome in root caries and health. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117064	3.7	24
26	Synthesis of QS-21-based immunoadjuvants. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 11525-34	4.2	20
25	Role of mTOR downstream effector signaling molecules in Francisella tularensis internalization by murine macrophages. <i>PLoS ONE</i> , <b>2013</b> , 8, e83226	3.7	8
24	Molecular basis of requirement of receptor activator of nuclear factor B signaling for interleukin 1-mediated osteoclastogenesis. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 15728-38	5.4	57
23	VDR deficiency affects alveolar bone and cementum apposition in mice. <i>Archives of Oral Biology</i> , <b>2011</b> , 56, 672-7	2.8	5
22	TLR2-dependent modulation of osteoclastogenesis by Porphyromonas gingivalis through differential induction of NFATc1 and NF-kappaB. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 24159-69	5.4	76
21	Contribution of a Streptococcus mutans antigen expressed by a Salmonella vector vaccine in dendritic cell activation. <i>Infection and Immunity</i> , <b>2011</b> , 79, 3792-800	3.7	6
20	Molecular mechanism of the bifunctional role of lipopolysaccharide in osteoclastogenesis. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 12512-23	5.4	76
19	Different enamel and dentin mineralization observed in VDR deficient mouse model. <i>Archives of Oral Biology</i> , <b>2009</b> , 54, 299-305	2.8	27
18	Normalisation of calcium status reverses the phenotype in dentin, but not in enamel of VDR-deficient mice. <i>Archives of Oral Biology</i> , <b>2009</b> , 54, 1105-10	2.8	11
17	Glycogen synthase kinase-3beta (GSK3beta) inhibition suppresses the inflammatory response to Francisella infection and protects against tularemia in mice. <i>Molecular Immunology</i> , <b>2009</b> , 46, 677-87	4.3	65
16	Sec translocase and sortase A are colocalised in a locus in the cytoplasmic membrane of Streptococcus mutans. <i>Archives of Oral Biology</i> , <b>2008</b> , 53, 150-4	2.8	24
15	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> , <b>2008</b> , 205, 79-90	16.6	275
14	TLR4-mediated activation of dendritic cells by the heat shock protein DnaK from Francisella tularensis. <i>Journal of Leukocyte Biology</i> , <b>2008</b> , 84, 1434-46	6.5	41
13	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> , <b>2008</b> , 22, 672.17	0.9	
12	Role of CD80 and CD86 in host immune responses to the recombinant hemagglutinin domain of Porphyromonas gingivalis gingipain and in the adjuvanticity of cholera toxin B and monophosphoryl lipid A. <i>Vaccine</i> , <b>2007</b> , 25, 6201-10	4.1	15

11	Toll-like receptor 2 is required for inflammatory responses to <i>Francisella tularensis</i> LVS. <i>Infection and Immunity</i> , <b>2006</b> , 74, 2809-16	3.7	115
10	Immunogenicity of Salmonella vector vaccines expressing SBR of <i>Streptococcus mutans</i> under the control of a T7-nirB (dual) promoter system. <i>Vaccine</i> , <b>2006</b> , 24, 5003-15	4.1	15
9	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> , <b>2005</b> , 23, 4734-44	4.1	20
8	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> , <b>2005</b> , 73, 3990-8	3.7	52
7	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> , <b>2004</b> , 72, 637-44	3.7	27
6	Effect of a separated instrument on bacterial penetration of obturated root canals. <i>Journal of Endodontics</i> , <b>2004</b> , 30, 177-9	4.7	39
5	pH required to kill <i>Enterococcus faecalis</i> in vitro. <i>Journal of Endodontics</i> , <b>2004</b> , 30, 218-9	4.7	122
4	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> , <b>2003</b> , 21, 4459-71	4.1	32
3	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> , <b>2002</b> , 70, 6779-87	3.7	50
2	Hydrolysis of epithelial junctional proteins by <i>Porphyromonas gingivalis</i> gingipains. <i>Infection and Immunity</i> , <b>2002</b> , 70, 2512-8	3.7	103
1	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> , <b>2001</b> , 69, 6604-11	3.7	18