

Ping Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,903
citations

331259

21
h-index

253896

43
g-index

47
all docs

47
docs citations

47
times ranked

2753
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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. | 4.2 | 315 |
| 2 | pH Required to Kill <i>Enterococcus faecalis</i> in Vitro. <i>Journal of Endodontics</i> , 2004, 30, 218-219. | 1.4 | 150 |
| 3 | Toll-Like Receptor 2 Is Required for Inflammatory Responses to <i>Francisella tularensis</i> LVS. <i>Infection and Immunity</i> , 2006, 74, 2809-2816. | 1.0 | 121 |
| 4 | Hydrolysis of Epithelial Junctional Proteins by <i>Porphyromonas gingivalis</i> Gingipains. <i>Infection and Immunity</i> , 2002, 70, 2512-2518. | 1.0 | 120 |
| 5 | Molecular Mechanism of the Bifunctional Role of Lipopolysaccharide in Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 12512-12523. | 1.6 | 96 |
| 6 | TLR2-dependent Modulation of Osteoclastogenesis by <i>Porphyromonas gingivalis</i> through Differential Induction of NFATc1 and NF- κ B. <i>Journal of Biological Chemistry</i> , 2011, 286, 24159-24169. | 1.6 | 89 |
| 7 | Glycogen synthase kinase-3 β (GSK3 β) inhibition suppresses the inflammatory response to <i>Francisella</i> infection and protects against tularemia in mice. <i>Molecular Immunology</i> , 2009, 46, 677-687. | 1.0 | 76 |
| 8 | Molecular Basis of Requirement of Receptor Activator of Nuclear Factor κ B Signaling for Interleukin 1-mediated Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 15728-15738. | 1.6 | 74 |
| 9 | Role of Mitogen-Activated Protein Kinases and NF- κ B in the Regulation of Proinflammatory and Anti-Inflammatory Cytokines by <i>Porphyromonas gingivalis</i> Hemagglutinin B. <i>Infection and Immunity</i> , 2005, 73, 3990-3998. | 1.0 | 60 |
| 10 | Effect of a Separated Instrument on Bacterial Penetration of Obturated Root Canals. <i>Journal of Endodontics</i> , 2004, 30, 177-179. | 1.4 | 55 |
| 11 | Extensive Description and Comparison of Human Supra-Gingival Microbiome in Root Caries and Health. <i>PLoS ONE</i> , 2015, 10, e0117064. | 1.1 | 52 |
| 12 | 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, 6779-6787. | 1.0 | 50 |
| 13 | 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, 1434-1446. | 1.5 | 46 |
| 14 | Pulp-Dentin Tissue Healing Response: A Discussion of Current Biomedical Approaches. <i>Journal of Clinical Medicine</i> , 2020, 9, 434. | 1.0 | 45 |
| 15 | Phenotype and Function of Myeloid-Derived Suppressor Cells Induced by <i>Porphyromonas gingivalis</i> Infection. <i>Infection and Immunity</i> , 2017, 85, . | 1.0 | 43 |
| 16 | Different enamel and dentin mineralization observed in VDR deficient mouse model. <i>Archives of Oral Biology</i> , 2009, 54, 299-305. | 0.8 | 35 |
| 17 | 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, 637-644. | 1.0 | 33 |
| 18 | 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, 4459-4471. | 1.7 | 32 |

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|----|--|-----|-----------|
| 19 | 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, 30163-30174. | 1.6 | 32 |
| 20 | 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, 150-154. | 0.8 | 28 |
| 21 | Synthesis of QS-21-Based Immunoadjuvants. <i>Journal of Organic Chemistry</i> , 2013, 78, 11525-11534. | 1.7 | 25 |
| 22 | 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. | 1.3 | 24 |
| 23 | 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, 4734-4744. | 1.7 | 21 |
| 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, 6604-6611. | 1.0 | 20 |
| 25 | Frontline Science: Characterization and regulation of osteoclast precursors following chronic <i>Porphyromonas gingivalis</i> infection. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1037-1050. | 1.5 | 20 |
| 26 | 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, 5003-5015. | 1.7 | 17 |
| 27 | 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. | 1.7 | 17 |
| 28 | Synthesis and Evaluation of QS-7-Based Vaccine Adjuvants. <i>ACS Infectious Diseases</i> , 2019, 5, 974-981. | 1.8 | 17 |
| 29 | 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, 6201-6210. | 1.7 | 16 |
| 30 | 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, 80-87. | 0.7 | 16 |
| 31 | Enhanced dual function of osteoclast precursors following calvarial <i>Porphyromonas gingivalis</i> infection. <i>Journal of Periodontal Research</i> , 2020, 55, 410-425. | 1.4 | 16 |
| 32 | Synthesis and Evaluation of a QS-17/18-Based Vaccine Adjuvant. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1669-1676. | 2.9 | 15 |
| 33 | Periodontal Infection Aggravates C1q-Mediated Microglial Activation and Synapse Pruning in Alzheimer's Mice. <i>Frontiers in Immunology</i> , 2022, 13, 816640. | 2.2 | 15 |
| 34 | Effects of 1,25-dihydroxyvitamin D ₃ on Macrophage Cytokine Secretion Stimulated by <i>Porphyromonas gingivalis</i> . <i>Japanese Journal of Infectious Diseases</i> , 2016, 69, 482-487. | 0.5 | 14 |
| 35 | Specific RANK Cytoplasmic Motifs Drive Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1938-1951. | 3.1 | 13 |
| 36 | Structural Effect on Adjuvanticity of Saponins. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3290-3297. | 2.9 | 13 |

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|----|---|-----|-----------|
| 37 | 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, 1105-1110. | 0.8 | 12 |
| 38 | Role of mTOR Downstream Effector Signaling Molecules in Francisella Tularensis Internalization by Murine Macrophages. <i>PLoS ONE</i> , 2013, 8, e83226. | 1.1 | 11 |
| 39 | Vaccine Adjuvants Derivatized from <i>Momordica</i> Saponins I and II. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9976-9982. | 2.9 | 11 |
| 40 | 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. | 1.0 | 10 |
| 41 | VDR deficiency affects alveolar bone and cementum apposition in mice. <i>Archives of Oral Biology</i> , 2011, 56, 672-677. | 0.8 | 7 |
| 42 | Age-related expansion and increased osteoclastogenic potential of myeloid-derived suppressor cells. <i>Molecular Immunology</i> , 2021, 137, 187-200. | 1.0 | 7 |
| 43 | 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, 3792-3800. | 1.0 | 6 |
| 44 | Impact of C28 Oligosaccharide on Adjuvant Activity of QS-7 Analogues. <i>Journal of Organic Chemistry</i> , 2020, 85, 15837-15848. | 1.7 | 5 |
| 45 | Role of chromatin modulator Dpy30 in osteoclast differentiation and function. <i>Bone</i> , 2022, 159, 116379. | 1.4 | 2 |
| 46 | Transcriptome analysis of differentially expressed genes involved in the inflammaging status of gingiva in aged mice. <i>Oral Diseases</i> , 2023, 29, 1757-1769. | 1.5 | 1 |
| 47 | 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. | 0.2 | 0 |