Decheng Wang

List of Publications by Year
in descending order

36 papers	1,176 citations	430874 18 h-index	395702 33 g-index
36 all docs	36 docs citations	36 times ranked	1898 citing authors

#	Article	IF	Citations
1	MRSA epidemic linked to a quickly spreading colonization and virulence determinant. Nature Medicine, 2012, 18, 816-819.	30.7	242
2	Comparative Analysis of Virulence and Toxin Expression of Global Communityâ€Associated Methicillinâ€ResistantStaphylococcus aureusStrains. Journal of Infectious Diseases, 2010, 202, 1866-1876.	4.0	150
3	Both Phthiocerol Dimycocerosates and Phenolic Glycolipids Are Required for Virulence of Mycobacterium marinum. Infection and Immunity, 2012, 80, 1381-1389.	2.2	101
4	PPE38 Modulates the Innate Immune Response and Is Required for Mycobacterium marinum Virulence. Infection and Immunity, 2012, 80, 43-54.	2.2	81
5	EsxA membrane-permeabilizing activity plays a key role in mycobacterial cytosolic translocation and virulence: effects of single-residue mutations at glutamine 5. Scientific Reports, 2016, 6, 32618.	3.3	44
6	Effects of swine gut antimicrobial peptides on the intestinal mucosal immunity in specific-pathogen-free chickens. Poultry Science, 2009, 88, 967-974.	3.4	41
7	Prevalence of hepatitis E virus in swine under different breeding environment and abattoir in Beijing, China. Veterinary Microbiology, 2009, 133, 75-83.	1.9	40
8	Experimental infection of mongolian gerbils by a genotype 4 strain of swine hepatitis E virus. Journal of Medical Virology, 2009, 81, 1591-1596.	5.0	40
9	The Eukaryotic-Type Serine/Threonine Protein Kinase Stk Is Required for Biofilm Formation and Virulence in Staphylococcus epidermidis. PLoS ONE, 2011, 6, e25380.	2.5	39
10	Phenotypical microRNA screen reveals a noncanonical role of CDK2 in regulating neutrophil migration. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18561-18570.	7.1	39
11	Protection of chickens, with or without maternal antibodies, against IBDV infection by a recombinant IBDV-VP2 protein. Vaccine, 2010, 28, 3990-3996.	3.8	31
12	Mast cell mediated inflammatory response in chickens after infection with very virulent infectious bursal disease virus. Veterinary Immunology and Immunopathology, 2008, 124, 19-28.	1.2	30
13	MMAR_2770, a new enzyme involved in biotin biosynthesis, is essential for the growth of Mycobacterium marinum in macrophages and zebrafish. Microbes and Infection, 2011, 13, 33-41.	1.9	29
14	Evidence for a role of mast cells in the mucosal injury induced by Newcastle disease virus. Poultry Science, 2009, 88, 554-561.	3.4	24
15	PhoY2 of Mycobacteria Is Required for Metabolic Homeostasis and Stress Response. Journal of Bacteriology, 2013, 195, 243-252.	2.2	23
16	ygs Is a Novel Gene That Influences Biofilm Formation and the General Stress Response of Staphylococcus epidermidis. Infection and Immunity, 2011, 79, 1007-1015.	2.2	20
17	Detection of intestinal intraepithelial lymphocytes, goblet cells and secretory IgA in the intestinal mucosa during Newcastle disease virus infection. Avian Pathology, 2013, 42, 541-545.	2.0	20
18	Overexpression of microRNA-722 fine-tunes neutrophilic inflammation through inhibiting Rac2 in zebrafish. DMM Disease Models and Mechanisms, 2017, 10, 1323-1332.	2.4	20

#	Article	IF	Citations
19	Increased mast cell density during the infection with velogenic Newcastle disease virus in chickens. Avian Pathology, 2008, 37, 579-585.	2.0	19
20	Acetaminophen Responsive miR-19b Modulates SIRT1/Nrf2 Signaling Pathway in Drug-Induced Hepatotoxicity. Toxicological Sciences, 2019, 170, 476-488.	3.1	19
21	Reduced mucosal injury of SPF chickens by mast cell stabilization after infection with very virulent infectious bursal disease virus. Veterinary Immunology and Immunopathology, 2009, 131, 229-237.	1.2	17
22	Activation of mast cells in skin abscess induced by Staphylococcus aureus (S. aureus) infection in mice. Research in Veterinary Science, 2018, 118, 66-71.	1.9	17
23	One Size Fits All? Not in In Vivo Modeling of Tuberculosis Chemotherapeutics. Frontiers in Cellular and Infection Microbiology, 2021, 11, 613149.	3.9	17
24	Exposure to 3-methyl-4-nitrophenol affects testicular morphology and induces spermatogenic cell apoptosis in immature male rats. Research in Veterinary Science, 2011, 91, 261-268.	1.9	12
25	Role of eosinophils and apoptosis in PDIMs/PGLs deficient mycobacterium elimination in adult zebrafish. Developmental and Comparative Immunology, 2016, 59, 199-206.	2.3	12
26	Effects of chicken intestinal antimicrobial peptides on humoral immunity of chickens and antibody titres after vaccination with infectious bursal disease virus vaccine in chicken. Archives of Animal Nutrition, 2006, 60, 427-435.	1.8	11
27	Spatio-Temporal Patterns of Schistosomiasis Japonica in Lake and Marshland Areas in China: The Effect of Snail Habitats. American Journal of Tropical Medicine and Hygiene, 2014, 91, 547-554.	1.4	10
28	Increased density of macrophage migration inhibitory factor (MIF) in tuberculosis granuloma. Experimental and Molecular Pathology, 2012, 93, 207-212.	2.1	6
29	Temporal modulation of host aerobic glycolysis determines the outcome of Mycobacterium marinum infection. Fish and Shellfish Immunology, 2020, 96, 78-85.	3.6	5
30	Feedback regulation of coronary artery disease susceptibility gene ADTRP and LDL receptors LDLR/CD36/LOX-1 in endothelia cell functions involved in atherosclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166130.	3.8	5
31	Involvement of SIRT1 in amelioration of schistosomiasis-induced hepatic fibrosis by genistein. Acta Tropica, 2021, 220, 105961.	2.0	5
32	VPS-22/SNF8 regulates longevity via modulating the activity of DAF-16 in C.Âelegans. Biochemical and Biophysical Research Communications, 2020, 532, 94-100.	2.1	3
33	E3 Ligase FBXW7 Facilitates Mycobacterium Immune Evasion by Modulating TNF-Î± Expression. Frontiers in Cellular and Infection Microbiology, 2022, 12, .	3.9	3
34	Human infections and co-infections with helminths in a rural population in Guichi, Anhui Province, China. Geospatial Health, 2015, 10, 374.	0.8	1
35	Mycobacterial Phthiocerol Dimycocerosate Induces Galectin-3 Upregulation to Impair Proinflammatory Responses and Favor Immune Evasion <i>in vivo</i>. SSRN Electronic Journal, 0, , .	0.4	0
36	Spatial analysis of tuberculosis treatment outcome in Shanghai: implications for tuberculosis control. Epidemiology and Health, 2022, , e2022045.	1.9	0