Shuping Zhang

List of Publications by Year in Descending Order

21 papers	1,728 citations	16 h-index	21 g-index
21 ext. papers	1,849 ext. citations	4.1 avg, IF	3.87 L-index

#	Paper	IF	Citations
21	An impedance biosensor for simultaneous detection of low concentration of Salmonella serogroups in poultry and fresh produce samples. *Biosensors and Bioelectronics*, **2019**, 126, 292-300	11.8	43
20	An impedance biosensor for simultaneous detection of low concentration of Salmonella serogroups in poultry samples **2017**,		5
19	Salmonella enterica serovar enteritidis antimicrobial peptide resistance genes aid in defense against chicken innate immunity, fecal shedding, and egg deposition. *Infection and Immunity*, **2014**, 82, 5185-202	3.7	12
18	Expression, purification, and in vitro comparative characterization of avian beta-defensin-2, -6, and -12. *Avian Diseases*, **2014**, 58, 541-9	1.6	8
17	An efficient DNA extraction method for polymerase chain reaction-based detection of Mycobacterium avium subspecies paratuberculosis in bovine fecal samples. *Journal of Veterinary Diagnostic Investigation*, **2011**, 23, 41-8	1.5	16
16	Functions exerted by the virulence-associated type-three secretion systems during Salmonella enterica serovar Enteritidis invasion into and survival within chicken oviduct epithelial cells and macrophages. *Avian Pathology*, **2009**, 38, 97-106	2.4	35
15	Transcriptional profiling avian beta-defensins in chicken oviduct epithelial cells before and after infection with Salmonella enterica serovar Enteritidis. *BMC Microbiology*, **2009**, 9, 153	4.5	53
14	Induction of CXC chemokine messenger-RNA expression in chicken oviduct epithelial cells by Salmonella enterica serovar enteritidis via the type three secretion system-1. *Avian Diseases*, **2009**, 53, 396-404	1.6	17
13	Accessory gene regulator control of staphyloccoccal enterotoxin d gene expression. *Journal of Bacteriology*, **2004**, 186, 1793-801	3.5	37
12	Rapid and sensitive detection of Mycobacterium avium subsp. paratuberculosis in bovine milk and feces by a combination of immunomagnetic bead separation-conventional PCR and real-time PCR. *Journal of Clinical Microbiology*, **2004**, 42, 1075-81	9.7	82
11	Secreted effector proteins of Salmonella enterica serotype typhimurium elicit host-specific chemokine profiles in animal models of typhoid fever and enterocolitis. *Infection and Immunity*, **2003**, 71, 4795-803	3.7	65
10	The attenuated sopB mutant of Salmonella enterica serovar Typhimurium has the same tissue distribution and host chemokine response as the wild type in bovine Peyer's patches. *Veterinary Microbiology*, **2003**, 97, 269-77	3.3	37
9	The use of flow cytometry to detect expression of subunits encoded by 11 Salmonella enterica serotype Typhimurium fimbrial operons. *Molecular Microbiology*, **2003**, 48, 1357-76	4.1	132
8	Molecular pathogenesis of Salmonella enterica serotype typhimurium-induced diarrhea. *Infection and Immunity*, **2003**, 71, 1-12	3.7	231
7	Phage mediated horizontal transfer of the sopE1 gene increases enteropathogenicity of Salmonella enterica serotype Typhimurium for calves. *FEMS Microbiology Letters*, **2002**, 217, 243-7	2.9	52
6	The Salmonella enterica serotype typhimurium effector proteins SipA, SopA, SopB, SopD, and SopE2 act in concert to induce diarrhea in calves. *Infection and Immunity*, **2002**, 70, 3843-55	3.7	218
5	Staphylococcal Enterotoxins. *Infectious Agents and Pathogenesis*, **2001**, 117-136		6

4	Animal models of Salmonella infections: enteritis versus typhoid fever. *Microbes and Infection*, **2001**, 3, 1335-44	9.3	325
3	Salmonella-induced cell death is not required for enteritis in calves. *Infection and Immunity*, **2001**, 69, 4610-7	3.7	57
2	Characterization of the promoter elements for the staphylococcal enterotoxin D gene. *Journal of Bacteriology*, **2000**, 182, 2321-5	3.5	31
1	The enterotoxin D plasmid of Staphylococcus aureus encodes a second enterotoxin determinant (sej). *FEMS Microbiology Letters*, **1998**, 168, 227-33	2.9	266