Jianzhong Shen

List of Publications by Citations

247 papers	10,114 citations	45 h-index	93 g-index
261 ext. papers	13,269 ext. citations	6.8 avg, IF	6.23 L-index

#	Paper	IF	Citations
247	Emergence of plasmid-mediated colistin resistance mechanism MCR-1 in animals and human beings in China: a microbiological and molecular biological study. *Lancet Infectious Diseases, The*, **2016**, 16, 161-8	25.5	2954
246	A novel gene, optrA, that confers transferable resistance to oxazolidinones and phenicols and its presence in Enterococcus faecalis and Enterococcus faecium of human and animal origin. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 2182-90	5.1	306
245	Novel Plasmid-Mediated Colistin Resistance Gene in. *MBio*, **2017**, 8,	7.8	281
244	Emergence of a novel mobile colistin resistance gene, mcr-8, in NDM-producing Klebsiella pneumoniae. *Emerging Microbes and Infections*, **2018**, 7, 122	18.9	272
243	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. *Nature Microbiology*, **2017**, 2, 16260	26.6	240
242	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. *Nature Microbiology*, **2019**, 4, 1450-1456	26.6	230
241	Prevalence, risk factors, outcomes, and molecular epidemiology of mcr-1-positive Enterobacteriaceae in patients and healthy adults from China: an epidemiological and clinical study. *Lancet Infectious Diseases, The*, **2017**, 17, 390-399	25.5	219
240	Presence and dissemination of the multiresistance gene cfr in Gram-positive and Gram-negative bacteria. *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 1697-706	5.1	189
239	Early emergence of mcr-1 in Escherichia coli from food-producing animals. *Lancet Infectious Diseases, The*, **2016**, 16, 293	25.5	174
238	First report of the multidrug resistance gene cfr in Enterococcus faecalis of animal origin. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 1650-4	5.9	104
237	Genetic environment of the transferable oxazolidinone/phenicol resistance gene optrA in Enterococcus faecalis isolates of human and animal origin. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 1466-73	5.1	101
236	Determination of chloramphenicol, thiamphenicol, florfenicol, and florfenicol amine in poultry and porcine muscle and liver by gas chromatography-negative chemical ionization mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2009**, 877, 1523-9	3.2	100
235	Balancing mcr-1 expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. *Nature Communications*, **2017**, 8, 2054	17.4	91
234	Emergence of multidrug-resistant Campylobacter species isolates with a horizontally acquired rRNA methylase. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 5405-12	5.9	88
233	Anthropogenic and environmental factors associated with high incidence of mcr-1 carriage in humans across China. *Nature Microbiology*, **2018**, 3, 1054-1062	26.6	87
232	Co-location of the oxazolidinone resistance genes optrA and cfr on a multiresistance plasmid from Staphylococcus sciuri. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 1474-8	5.1	83
231	Multiplex Lateral Flow Immunoassays Based on Amorphous Carbon Nanoparticles for Detecting Three Fusarium Mycotoxins in Maize. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 8063-8071	5.7	81

230	Changes in colistin resistance and mcr-1 abundance in Escherichia coli of animal and human origins following the ban of colistin-positive additives in China: an epidemiological comparative study. *Lancet Infectious Diseases, The*, **2020**, 20, 1161-1171	25.5	79
229	Insights into the Mechanistic Basis of Plasmid-Mediated Colistin Resistance from Crystal Structures of the Catalytic Domain of MCR-1. *Scientific Reports*, **2017**, 7, 39392	4.9	78
228	A broad-spectrum antibiotic adjuvant reverses multidrug-resistant Gram-negative pathogens. *Nature Microbiology*, **2020**, 5, 1040-1050	26.6	76
227	Novel Plasmid-Mediated (X5) Gene Conferring Resistance to Tigecycline, Eravacycline, and Omadacycline in a Clinical Acinetobacter baumannii Isolate. *Antimicrobial Agents and Chemotherapy* , **2019**, 64,	5.9	70
226	Epidemiology of mobile colistin resistance genes mcr-1 to mcr-9. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 3087-3095	5.1	66
225	A universal multi-wavelength fluorescence polarization immunoassay for multiplexed detection of mycotoxins in maize. *Biosensors and Bioelectronics*, **2016**, 79, 258-65	11.8	64
224	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 2625-2630	5.1	64
223	Emergence of a Potent Multidrug Efflux Pump Variant That Enhances Campylobacter Resistance to Multiple Antibiotics. *MBio*, **2016**, 7,	7.8	62
222	Emergence of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump Conferring Resistance to Multiple Drugs, Including Tigecycline, in Klebsiella pneumoniae. *MBio*, **2020**, 11,	7.8	60
221	Multiresidue analysis of sulfonamides, quinolones, and tetracyclines in animal tissues by ultra-high performance liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2016**, 204, 252-262	8.5	60
220	Multidrug resistance genes in staphylococci from animals that confer resistance to critically and highly important antimicrobial agents in human medicine. *Trends in Microbiology*, **2015**, 23, 44-54	12.4	57
219	Nonribosomal antibacterial peptides that target multidrug-resistant bacteria. *Natural Product Reports*, **2019**, 36, 573-592	15.1	56
218	Chromosome-Mediated Variants in Aeromonas veronii from Chicken Meat. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	54
217	Emergence of carbapenem-resistant hypervirulent Klebsiella pneumoniae. *Lancet Infectious Diseases, The*, **2018**, 18, 25	25.5	52
216	Fluorescence Polarization Immunoassay Based on a New Monoclonal Antibody for the Detection of the Zearalenone Class of Mycotoxins in Maize. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 2240-2247	5.7	51
215	T-2 toxin neurotoxicity: role of oxidative stress and mitochondrial dysfunction. *Archives of Toxicology*, **2019**, 93, 3041-3056	5.8	51
214	Development of a multiplex flow-through immunoaffinity chromatography test for the on-site screening of 14 sulfonamide and 13 quinolone residues in milk. *Biosensors and Bioelectronics*, **2015**, 66, 124-8	11.8	51
213	Plasmid-Mediated Novel Gene Encoding a Carbapenemase with Enhanced Activity in a Sequence Type 48 Escherichia coli Strain. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	50

212	Tracking Campylobacter contamination along a broiler chicken production chain from the farm level to retail in China. *International Journal of Food Microbiology*, **2014**, 181, 77-84	5.8	50
211	Identification of the major metabolites of quinocetone in swine urine using ultra-performance liquid chromatography/electrospray ionization quadrupole time-of-flight tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2010**, 24, 375-83	2.2	49
210	Cloning, up-regulation, and mitogenic role of porcine P2Y2 receptor in coronary artery smooth muscle cells. *Molecular Pharmacology*, **2004**, 66, 1265-74	4.3	49
209	Species shift and multidrug resistance of Campylobacter from chicken and swine, China, 2008-14. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 666-9	5.1	48
208	Serotype distribution and antibiotic resistance of Salmonella in food-producing animals in Shandong province of China, 2009 and 2012. *International Journal of Food Microbiology*, **2014**, 180, 30-8	5.8	48
207	Lincosamides, Streptogramins, Phenicols, and Pleuromutilins: Mode of Action and Mechanisms of Resistance. *Cold Spring Harbor Perspectives in Medicine*, **2016**, 6,	5.4	47
206	Hapten synthesis, monoclonal antibody production and development of a competitive indirect enzyme-linked immunosorbent assay for erythromycin in milk. *Food Chemistry*, **2015**, 171, 98-107	8.5	46
205	Simultaneous Determination of Aflatoxin B1 and Aflatoxin M1 in Food Matrices by Enzyme-Linked Immunosorbent Assay. *Food Analytical Methods*, **2013**, 6, 767-774	3.4	46
204	Prevalence and Abundance of Florfenicol and Linezolid Resistance Genes in Soils Adjacent to Swine Feedlots. *Scientific Reports*, **2016**, 6, 32192	4.9	45
203	Development of a highly sensitive and specific immunoassay for enrofloxacin based on heterologous coating haptens. *Analytica Chimica Acta*, **2014**, 820, 152-8	6.6	45
202	A monoclonal antibody-based time-resolved fluoroimmunoassay for chloramphenicol in shrimp and chicken muscle. *Analytica Chimica Acta*, **2006**, 575, 262-6	6.6	45
201	Development of a screening fluorescence polarization immunoassay for the simultaneous detection of fumonisins B and B in maize. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 4940-6	5.7	43
200	Identification of the novel tigecycline resistance gene tet(X6) and its variants in Myroides, Acinetobacter and Proteus of food animal origin. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 1428-1431	5.1	42
199	General Bioluminescence Resonance Energy Transfer Homogeneous Immunoassay for Small Molecules Based on Quantum Dots. *Analytical Chemistry*, **2016**, 88, 3512-20	7.8	42
198	Inter-host Transmission of Carbapenemase-Producing among Humans and Backyard Animals. *Environmental Health Perspectives*, **2019**, 127, 107009	8.4	42
197	Identification of novel variants of the colistin resistance gene mcr-3 in Aeromonas spp. from the national resistance monitoring programme GERM-Vet and from diagnostic submissions. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 1217-1221	5.1	40
196	Novel Variant of New Delhi Metallo-lactamase, NDM-20, in. *Frontiers in Microbiology*, **2018**, 9, 248	5.7	40
195	Nontargeted Detection Methods for Food Safety and Integrity. *Annual Review of Food Science and Technology*, **2019**, 10, 429-455	14.7	40

194	Characterization and application of quantum dot nanocrystal-monoclonal antibody conjugates for the determination of sulfamethazine in milk by fluoroimmunoassay. *Analytical and Bioanalytical Chemistry*, **2007**, 389, 2243-50	4.4	39
193	Cell-signaling evidence for adenosine stimulation of coronary smooth muscle proliferation via the A1 adenosine receptor. *Circulation Research*, **2005**, 97, 574-82	15.7	39
192	Multi-residue fluorescent microspheres immunochromatographic assay for simultaneous determination of macrolides in raw milk. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 9125-33	4.4	38
191	Prevalence and Genetic Analysis of -Positive Aeromonas Species from Humans, Retail Meat, and Environmental Water Samples. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	38
190	Chemiluminescence Resonance Energy Transfer Competitive Immunoassay Employing Hapten-Functionalized Quantum Dots for the Detection of Sulfamethazine. *ACS Applied Materials & Interfaces*, **2016**, 8, 17745-50	9.5	36
189	MCR-1-producing Klebsiella pneumoniae outbreak in China. *Lancet Infectious Diseases, The*, **2017**, 17, 577	25.5	35
188	Simultaneous Determination of Florfenicol and Florfenicol Amine in Fish, Shrimp, and Swine Muscle by Gas Chromatography with a Microcell Electron Capture Detector. *Journal of AOAC INTERNATIONAL*, **2006**, 89, 1437-1442	1.7	34
187	Heterogeneous and Flexible Transmission of in Hospital-Associated Escherichia coli. *MBio*, **2018**, 9,	7.8	33
186	Genetic environment of the multi-resistance gene cfr in methicillin-resistant coagulase-negative staphylococci from chickens, ducks, and pigs in China. *International Journal of Medical Microbiology*, **2014**, 304, 257-61	3.7	33
185	Novel mitogenic effect of adenosine on coronary artery smooth muscle cells: role for the A1 adenosine receptor. *Circulation Research*, **2005**, 96, 982-90	15.7	33
184	Fluorescence immunoassay based on the inner-filter effect of carbon dots for highly sensitive amantadine detection in foodstuffs. *Food Chemistry*, **2019**, 294, 347-354	8.5	32
183	Bioavailability and pharmacokinetics of florfenicol in healthy sheep. *Journal of Veterinary Pharmacology and Therapeutics*, **2004**, 27, 163-8	1.4	32
182	Generic Hapten Synthesis, Broad-Specificity Monoclonal Antibodies Preparation, and Ultrasensitive ELISA for Five Antibacterial Synergists in Chicken and Milk. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 11170-11179	5.7	32
181	Molecularly Imprinted Polymer as an Antibody Substitution in Pseudo-immunoassays for Chemical Contaminants in Food and Environmental Samples. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 2561-2571	5.7	31
180	Characterization of a genomic island in Stenotrophomonas maltophilia that carries a novel floR gene variant. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 1031-6	5.1	31
179	Pharmacokinetics of florfenicol in healthy and Escherichia coli-infected broiler chickens. *Research in Veterinary Science*, **2002**, 73, 137-40	2.5	31
178	Farm animals and aquaculture: significant reservoirs of mobile colistin resistance genes. *Environmental Microbiology*, **2020**, 22, 2469-2484	5.2	30
177	Antimicrobial Resistance in spp. *Microbiology Spectrum*, **2018**, 6,	8.9	30

176	Association of colistin residues and manure treatment with the abundance of mcr-1 gene in swine feedlots. *Environment International*, **2019**, 127, 361-370	12.9	29
175	An ultrasensitive chemiluminescent ELISA for determination of chloramphenicol in milk, milk powder, honey, eggs and chicken muscle. *Food and Agricultural Immunology*, **2014**, 25, 137-148	2.9	29
174	Time-resolved fluoroimmunoassay for ractopamine in swine tissue. *Analytical and Bioanalytical Chemistry*, **2007**, 387, 1561-4	4.4	29
173	Plasmid-mediated tigecycline-resistant gene (X4) in from food-producing animals, China, 2008-2018. *Emerging Microbes and Infections*, **2019**, 8, 1524-1527	18.9	28
172	Molecular characterization of methicillin-resistant Staphylococcus aureus strains from pet animals and veterinary staff in China. *Veterinary Journal*, **2011**, 190, e125-e129	2.5	28
171	Simultaneous determination of nitroimidazoles, benzimidazoles, and chloramphenicol components in bovine milk by ultra-high performance liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2016**, 192, 280-7	8.5	27
170	Portable Multiplex Immunochromatographic Assay for Quantitation of Two Typical Algae Toxins Based on Dual-Color Fluorescence Microspheres. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 6041-6047	5.7	27
169	Complete sequence of a plasmid from a bovine methicillin-resistant Staphylococcus aureus harbouring a novel ica-like gene cluster in addition to antimicrobial and heavy metal resistance genes. *Veterinary Microbiology*, **2017**, 200, 95-100	3.3	27
168	New Hapten Synthesis, Antibody Production, and Indirect Competitive Enzyme-Linked Immnunosorbent Assay for Amantadine in Chicken Muscle. *Food Analytical Methods*, **2018**, 11, 302-308	3.4	27
167	Antimicrobial Resistance among Staphylococci of Animal Origin. *Microbiology Spectrum*, **2018**, 6,	8.9	26
166	IMP-45-producing multidrug-resistant Pseudomonas aeruginosa of canine origin. *Journal of Antimicrobial Chemotherapy*, **2014**, 69, 2579-81	5.1	26
165	Fluorescence polarisation immunoassay based on a monoclonal antibody for the detection of sulphamethazine in chicken muscle. *International Journal of Food Science and Technology*, **2007**, 42, 36-44	3.8	26
164	Molecular Mechanisms of Neurotoxicity Induced by Polymyxins and Chemoprevention. *ACS Chemical Neuroscience*, **2019**, 10, 120-131	5.7	26
163	New haptens and antibodies for ractopamine. *Food Chemistry*, **2015**, 183, 111-4	8.5	25
162	Highly sensitive visual detection of amantadine residues in poultry at the ppb level: A colorimetric immunoassay based on a Fenton reaction and gold nanoparticles aggregation. *Analytica Chimica Acta*, **2018**, 1027, 130-136	6.6	25
161	Universal simultaneous multiplex ELISA of small molecules in milk based on dual luciferases. *Analytica Chimica Acta*, **2018**, 1001, 125-133	6.6	24
160	Design, synthesis and characterization of tracers and development of a fluorescence polarization immunoassay for the rapid detection of ractopamine in pork. *Food Chemistry*, **2019**, 271, 9-17	8.5	24
159	Simultaneous Determination of Nitroimidazole Residues in Honey Samples by High-Performance Liquid Chromatography with Ultraviolet Detection. *Journal of AOAC INTERNATIONAL*, **2007**, 90, 872-878	1.7	24

158	Plant Natural Flavonoids Against Multidrug Resistant Pathogens. *Advanced Science*, **2021**, 8, e2100749	13.6	24
157	Multiplex Immunogold Chromatographic Assay for Simultaneous Determination of Macrolide Antibiotics in Raw Milk. *Food Analytical Methods*, **2015**, 8, 2368-2375	3.4	23
156	Multiresidue Determination of Zeranol and Related Compounds in Bovine Muscle by Gas Chromatography/Mass Spectrometry with Immunoaffinity Cleanup. *Journal of AOAC INTERNATIONAL*, **2006**, 89, 1677-1681	1.7	23
155	Characterization of florfenicol resistance among calf pathogenic Escherichia coli. *FEMS Microbiology Letters*, **2004**, 236, 183-189	2.9	23
154	Design of Multifunctional Nanostructure for Ultrafast Extraction and Purification of Aflatoxins in Foodstuffs. *Analytical Chemistry*, **2017**, 89, 10556-10564	7.8	22
153	Homogeneous fluorescent immunoassay for the simultaneous detection of chloramphenicol and amantadine via the duplex FRET between carbon dots and WS nanosheets. *Food Chemistry*, **2020**, 327, 127107	8.5	22
152	Integrated aquaculture contributes to the transfer of mcr-1 between animals and humans via the aquaculture supply chain. *Environment International*, **2019**, 130, 104708	12.9	21
151	Simultaneous Determination of Type A and B Trichothecenes and Their Main Metabolites in Food Animal Tissues by Ultraperformance Liquid Chromatography Coupled with Triple-Quadrupole Mass Spectrometry. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 8592-600	5.7	21
150	Production of monoclonal antibodies with broad specificity and development of an immunoassay for microcystins and nodularin in water. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 6037-44	4.4	21
149	Determination of emerging chlorinated byproducts of diazepam in drinking water. *Chemosphere*, **2019**, 218, 223-231	8.4	21
148	Highly sensitive SERS immunosensor for the detection of amantadine in chicken based on flower-like gold nanoparticles and magnetic bead separation. *Food and Chemical Toxicology*, **2018**, 118, 589-594	4.7	20
147	First report of multiresistance gene cfr in Enterococcus species casseliflavus and gallinarum of swine origin. *Veterinary Microbiology*, **2014**, 170, 352-7	3.3	20
146	Development of a rapid competitive indirect ELISA procedure for the determination of deoxynivalenol in cereals. *Food and Agricultural Immunology*, **2012**, 23, 41-49	2.9	20
145	Mobile Oxazolidinone Resistance Genes in Gram-Positive and Gram-Negative Bacteria. *Clinical Microbiology Reviews*, **2021**, 34, e0018820	34	20
144	Emerging (B)-Mediated Macrolide Resistance Associated with Novel Multidrug Resistance Genomic Islands in. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	19
143	Development and Application of a Gel-Based Immunoassay for the Rapid Screening of Salbutamol and Ractopamine Residues in Pork. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 10556-61	5.7	19
142	Development and optimization of a fluorescence polarization immunoassay for orbifloxacin in milk. *Analytical Methods*, **2014**, 6, 3849-3857	3.2	19
141	Plasmid-Mediated Antimicrobial Resistance in Staphylococci and Other Firmicutes. *Microbiology Spectrum*, **2014**, 2,	8.9	19

140	Determination of Chloramphenicol Residue in Chicken Tissues by Immunoaffinity Chromatography Cleanup and Gas Chromatography with aMicrocell Electron Capture Detector. *Journal of AOAC INTERNATIONAL*, **2006**, 89, 369-373	1.7	19
139	Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo. *Advanced Science*, **2021**, 8, 2001750	13.6	19
138	Comparison of Fluorescent Microspheres and Colloidal Gold as Labels in Lateral Flow Immunochromatographic Assays for the Detection of T-2 Toxin. *Molecules*, **2015**, 21, E27	4.8	19
137	Comparative metabolism of Lappaconitine in rat and human liver microsomes and in vivo of rat using ultra high-performance liquid chromatography-quadrupole/time-of-flight mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2015**, 110, 1-11	3.5	18
136	Development of an enzyme-linked immunosorbent assay for the detection of florfenicol in fish feed. *Food and Agricultural Immunology*, **2009**, 20, 57-65	2.9	18
135	Determination of Nitroimidazoles and Their Metabolites in Swine Tissues by Liquid Chromatography. *Journal of AOAC INTERNATIONAL*, **2003**, 86, 505-509	1.7	18
134	Pharmacokinetics of tilmicosin after oral administration in swine. *American Journal of Veterinary Research*, **2005**, 66, 1071-4	1.1	18
133	Class-Specific Monoclonal Antibodies and Dihydropteroate Synthase in Bioassays Used for the Detection of Sulfonamides: Structural Insights into Recognition Diversity. *Analytical Chemistry*, **2019**, 91, 2392-2400	7.8	18
132	Direct determination of fatty acid esters of 3-chloro-1, 2-propanediol in edible vegetable oils by isotope dilution - ultra high performance liquid chromatography - triple quadrupole mass spectrometry. *Journal of Chromatography A*, **2015**, 1410, 99-109	4.5	17
131	A highly sensitive and class-specific fluorescence polarisation assay for sulphonamides based on dihydropteroate synthase. *Biosensors and Bioelectronics*, **2015**, 70, 1-4	11.8	17
130	Unraveling the in vitro and in vivo metabolism of diacetoxyscirpenol in various animal species and human using ultrahigh-performance liquid chromatography-quadrupole/time-of-flight hybrid mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 8571-83	4.4	17
129	Presence of NDM in non-E. coli Enterobacteriaceae in the poultry production environment. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 2209-2213	5.1	16
128	Simultaneous determination of chloramphenicol and clenbuterol in milk with hybrid chemiluminescence immunoassays. *Analytical Methods*, **2014**, 6, 1021	3.2	16
127	Highly Broad-Specific and Sensitive Enzyme-Linked Immunosorbent Assay for Screening Sulfonamides: Assay Optimization and Application to Milk Samples. *Food Analytical Methods*, **2014**, 7, 1992-2002	3.4	16
126	Simultaneous determination of mequindox, quinocetone, and their major metabolites in chicken and pork by UPLC-MS/MS. *Food Chemistry*, **2014**, 160, 171-9	8.5	16
125	Simultaneous Determination of Florfenicol and Its Metabolite Florfenicol Amine in Swine Muscle Tissue by a Heterologous Enzyme-Linked Immunosorbent Assay. *Journal of AOAC INTERNATIONAL*, **2009**, 92, 981-988	1.7	16
124	Simultaneous Analysis of Avermectins in Bovine Tissues by LC-MS-MS with Immunoaffinity Chromatography Cleanup. *Chromatographia*, **2006**, 63, 543-550	2.1	16
123	Dihydropteroate synthase based sensor for screening multi-sulfonamides residue and its comparison with broad-specific antibody based immunoassay by molecular modeling analysis. *Analytica Chimica Acta*, **2019**, 1050, 139-145	6.6	16

122	Toxins and mobile antimicrobial resistance genes in Bacillus probiotics constitute a potential risk for One Health. *Journal of Hazardous Materials*, **2020**, 382, 121266	12.8	16
121	Comprehensive Analysis of Tiamulin Metabolites in Various Species of Farm Animals Using Ultra-High-Performance Liquid Chromatography Coupled to Quadrupole/Time-of-Flight. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 199-207	5.7	15
120	A one-step chemiluminescence immunoassay for 20 fluoroquinolone residues in fish and shrimp based on a single chain Fv□lkaline phosphatase fusion protein. *Analytical Methods*, **2015**, 7, 9032-9039	3.2	15
119	Sublethal Levels of Antibiotics Promote Bacterial Persistence in Epithelial Cells. *Advanced Science*, **2020**, 7, 1900840	13.6	15
118	Small Antimicrobial Resistance Plasmids in Livestock-Associated Methicillin-Resistant CC398. *Frontiers in Microbiology*, **2018**, 9, 2063	5.7	15
117	Determination of Ochratoxin A in Cereals and Feeds by Ultra-performance Liquid Chromatography Coupled to Tandem Mass Spectrometry with Immunoaffinity Column Clean-up. *Food Analytical Methods*, **2014**, 7, 854-864	3.4	14
116	Detection of Ultratrace Chloramphenicol Residues in Milk and Chicken Muscle Samples Using a Chemiluminescent ELISA. *Analytical Letters*, **2012**, 45, 1254-1263	2.2	14
115	Development and validation of a chemiluminescent ELISA for simultaneous determination of florfenicol and its metabolite florfenicol amine in chicken muscle. *Analytical Methods*, **2012**, 4, 4083	3.2	14
114	Synthesis of derivatives and production of antiserum for class specific detection of pyrethroids by indirect ELISA. *International Journal of Environmental Analytical Chemistry*, **2009**, 89, 423-437	1.8	14
113	Simultaneous Determination of Fluoroquinolones, Tetracyclines and Sulfonamides in Chicken Muscle by UPLC□MS□MS. *Chromatographia*, **2010**, 71, 383-388	2.1	14
112	Simultaneous Determination of Five Benzimidazoles in Feeds Using High-Performance Capillary Electrophoresis. *Journal of AOAC INTERNATIONAL*, **2009**, 92, 1009-1015	1.7	14
111	Building bridges to operationalise one health - A Sino-Swedish collaboration to tackle antibiotic resistance. *One Health*, **2016**, 2, 139-143	7.6	14
110	Magnetic assisted fluorescence immunoassay for sensitive chloramphenicol detection using carbon dots@CaCO nanocomposites. *Journal of Hazardous Materials*, **2021**, 402, 123942	12.8	14
109	Fitness Cost of -Carrying p3R-IncX3 Plasmids in Wild-Type NDM-Free. *Microorganisms*, **2020**, 8,	4.9	13
108	Curcumin Attenuates Colistin-Induced Peripheral Neurotoxicity in Mice. *ACS Infectious Diseases*, **2020**, 6, 715-724	5.5	13
107	Molecular basis of rifampicin resistance in multiresistant porcine livestock-associated MRSA. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 3313-3315	5.1	13
106	Forcing immunoassay for sulfonamides to higher sensitivity and broader detection spectrum by site heterologous hapten inducing affinity improvement. *Analytical Methods*, **2013**, 5, 6990	3.2	13
105	Determination of the veterinary drug maduramicin in food by fluorescence polarisation immunoassay. *International Journal of Food Science and Technology*, **2008**, 43, 114-122	3.8	13

104	Multiresidue Analysis of Avermectins in Cattle Liver by Liquid Chromatography/Tandem Mass Spectrometry. *Journal of AOAC INTERNATIONAL*, **2006**, 89, 1110-1115	1.7	13
103	Metagenomic insights into differences in environmental resistome profiles between integrated and monoculture aquaculture farms in China. *Environment International*, **2020**, 144, 106005	12.9	13
102	Inhibition of Oxidative Stress and ALOX12 and NF-B Pathways Contribute to the Protective Effect of Baicalein on Carbon Tetrachloride-Induced Acute Liver Injury. *Antioxidants*, **2021**, 10,	7.1	13
101	An Aggregation-Induced Emission-Based Indirect Competitive Immunoassay for Fluorescence "Turn-On" Detection of Drug Residues in Foodstuffs. *Frontiers in Chemistry*, **2019**, 7, 228	5	12
100	Constitutive and Inducible Expression of the rRNA Methylase Gene erm(B) in Campylobacter. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 6661-4	5.9	12
99	Association of florfenicol residues with the abundance of oxazolidinone resistance genes in livestock manures. *Journal of Hazardous Materials*, **2020**, 399, 123059	12.8	12
98	Identification of a novel G2073A mutation in 23S rRNA in amphenicol-selected mutants of Campylobacter jejuni. *PLoS ONE*, **2014**, 9, e94503	3.7	12
97	Simultaneous Determination of Avermectin and Milbemycin Residues in Bovine Tissue by Pressurized Solvent Extraction and LC with Fluorescence Detection. *Chromatographia*, **2010**, 72, 1089-1095	2.1	12
96	Comprehensive proteomic and metabolomic profiling of mcr-1-mediated colistin resistance in Escherichia coli. *International Journal of Antimicrobial Agents*, **2019**, 53, 795-804	14.3	12
95	Fluorescence polarization immunoassay using IgY antibodies for detection of valnemulin in swine tissue. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 7843-8	4.4	11
94	GCMS Method for Simultaneous Determination of Four Sedative Hypnotic Residues in Swine Tissues. *Chromatographia*, **2010**, 71, 155-158	2.1	11
93	Reply to Cabello et al., "Aquaculture and Colistin Resistance Determinants". *MBio*, **2018**, 9,	7.8	11
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