

Jianzhong Shen

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.

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	Antibacterial activities of plant-derived xanthones.. <i>RSC Medicinal Chemistry</i> , 2022 , 13, 107-116	3.5	3
246	Advances in Chicken IgY-Based Immunoassays for the Detection of Chemical and Biological Hazards in Food Samples.. <i>Journal of Agricultural and Food Chemistry</i> , 2022 ,	5.7	1
245	The Natural Product Curcumin as an Antibacterial Agent: Current Achievements and Problems.. <i>Antioxidants</i> , 2022 , 11,	7.1	4
244	Development of Fluorescence Polarization Immunoassay With scFv to Detect Fumonisin B in Maize and Simultaneous Study of Their Molecular Recognition Mechanism.. <i>Frontiers in Chemistry</i> , 2022 , 10, 829038	5	
243	Distinct increase in antimicrobial resistance genes among <i>Escherichia coli</i> during 50 years of antimicrobial use in livestock production in China. <i>Nature Food</i> , 2022 , 3, 197-205	14.4	3
242	Collateral sensitivity to pleuromutilins in vancomycin-resistant <i>Enterococcus faecium</i> .. <i>Nature Communications</i> , 2022 , 13, 1888	17.4	1
241	Three-To-One Multi-functional nanocomposite-based lateral flow immunoassay for label-free and dual-readout detection of pathogenic bacteria.. <i>Biosensors and Bioelectronics</i> , 2022 , 204, 114093	11.8	6
240	Colistin-induced pulmonary toxicity involves the activation of NOX4/TGF- β /mtROS pathway and the inhibition of Akt/mTOR pathway.. <i>Food and Chemical Toxicology</i> , 2022 , 112966	4.7	0
239	Development of a Highly Sensitive and Specific ic-ELISA and Lateral Flow Immunoassay for Diacetoxyscirpenol. <i>Foods</i> , 2022 , 11, 1548	4.9	0
238	Highly efficient and precise two-step cell selection method for tetramethylenedisulfotetramine-specific monoclonal antibody production. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127689	12.8	0
237	Adsorption and convenient ELISA detection of sulfamethazine in milk based on MOFs pretreatment.. <i>Food Chemistry</i> , 2021 , 374, 131712	8.5	1
236	Comparison of two fluorescence quantitative immunochromatographic assays for the detection of amantadine in chicken muscle.. <i>Food Chemistry</i> , 2021 , 377, 131931	8.5	0
235	A Marine Antibiotic Kills Multidrug-Resistant Bacteria without Detectable High-Level Resistance. <i>ACS Infectious Diseases</i> , 2021 , 7, 884-893	5.5	4
234	Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo. <i>Advanced Science</i> , 2021 , 8, 2001750	13.6	19
233	Antibody engineering-driven controllable chemiluminescence resonance energy transfer for immunoassay with tunable dynamic range. <i>Analytica Chimica Acta</i> , 2021 , 1152, 338231	6.6	3
232	Novel Quadruplex PCR for detecting and genotyping mobile colistin resistance genes in human samples. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 101, 115419	2.9	
231	Plant Natural Flavonoids Against Multidrug Resistant Pathogens. <i>Advanced Science</i> , 2021 , 8, e2100749	13.6	24

230	Prevalence and risk factors of mcr-1-positive volunteers after colistin banning as animal growth promoter in China: a community-based case-control study. <i>Clinical Microbiology and Infection</i> , 2021 ,	9.5	3
229	Mobile Oxazolidinone Resistance Genes in Gram-Positive and Gram-Negative Bacteria. <i>Clinical Microbiology Reviews</i> , 2021 , 34, e0018820	34	20
228	Inhibition of Oxidative Stress and ALOX12 and NF- κ B Pathways Contribute to the Protective Effect of Baicalein on Carbon Tetrachloride-Induced Acute Liver Injury. <i>Antioxidants</i> , 2021 , 10,	7.1	13
227	Rapid detection of human origin colistin-resistance genes mcr-1, mcr-3, mcr-8, mcr-10 in clinical fecal samples. <i>Archives of Microbiology</i> , 2021 , 203, 4405-4417	3	4
226	Production of highly sensitive monoclonal antibody and development of lateral flow assays for phalloxin detection in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 4979-4987	4.4	1
225	Binding affinity-guided design of a highly sensitive noncompetitive immunoassay for small molecule detection. <i>Food Chemistry</i> , 2021 , 351, 129270	8.5	5
224	Portable Magnetofluidic Device for Point-of-Need Detection of African Swine Fever. <i>Analytical Chemistry</i> , 2021 , 93, 10940-10946	7.8	1
223	Magnetic assisted fluorescence immunoassay for sensitive chloramphenicol detection using carbon dots@CaCO nanocomposites. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123942	12.8	14
222	High prevalence and persistence of carbapenem and colistin resistance in livestock farm environments in China. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124298	12.8	9
221	Prevalence and risk analysis of mobile colistin resistance and extended-spectrum β -lactamase genes carriage in pet dogs and their owners: a population based cross-sectional study. <i>Emerging Microbes and Infections</i> , 2021 , 10, 242-251	18.9	3
220	Comparative analysis of genomic characteristics, fitness and virulence of MRSA ST398 and ST9 isolated from China and Germany. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1481-1494	18.9	3
219	Engineering of Organic Solvent-Tolerant Antibody to Sulfonamides by CDR Grafting for Analytical Purposes. <i>Analytical Chemistry</i> , 2021 , 93, 6008-6012	7.8	3
218	Mobile Colistin Resistance Enzyme MCR-3 Facilitates Bacterial Evasion of Host Phagocytosis. <i>Advanced Science</i> , 2021 , 8, e2101336	13.6	2
217	Hydrophobic Moiety of Capsaicinoids Haptens Enhancing Antibody Performance in Immunoassay: Evidence from Computational Chemistry and Molecular Recognition. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 9957-9967	5.7	3
216	Toxicologic effect and transcriptome analysis for short-term orally dosed enrofloxacin combined with two veterinary antimicrobials on rat liver. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 220, 112398	7	1
215	Synthesis and characterization of tracers and development of a fluorescence polarization immunoassay for amantadine with high sensitivity in chicken. <i>Journal of Food Science</i> , 2021 , 86, 4754-4767	3.4	1
214	Anti-Metatype Antibody Screening, Sandwich Immunoassay Development, and Structural Insights for β -Lactams Based on Penicillin Binding Protein. <i>Molecules</i> , 2021 , 26,	4.8	1
213	Occurrence of pharmaceuticals and personal care products in bottled water and assessment of the associated risks. <i>Environment International</i> , 2021 , 155, 106651	12.9	5

212	Prevalence of and Antimicrobial Resistance in Isolates from Food Animals - Six PLADs, China, 2019. <i>China CDC Weekly</i> , 2021 , 3, 514-517	4	0
211	Impact of carbapenem resistance on mortality in patients infected with : a systematic review and meta-analysis.. <i>BMJ Open</i> , 2021 , 11, e054971	3	1
210	Active surveillance of the spread of mcr-1-positive E coli.. <i>Lancet Microbe, The</i> , 2020 , 1, e4-e5	22.2	4
209	A broad-spectrum antibiotic adjuvant reverses multidrug-resistant Gram-negative pathogens. <i>Nature Microbiology</i> , 2020 , 5, 1040-1050	26.6	76
208	Nerve Growth Factor Confers Neuroprotection against Colistin-Induced Peripheral Neurotoxicity. <i>ACS Infectious Diseases</i> , 2020 , 6, 1451-1459	5.5	2
207	Association of florfenicol residues with the abundance of oxazolidinone resistance genes in livestock manures. <i>Journal of Hazardous Materials</i> , 2020 , 399, 123059	12.8	12
206	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. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 1161-1171	25.5	79
205	Polymyxins-Curcumin Combination Antimicrobial Therapy: Safety Implications and Efficacy for Infection Treatment. <i>Antioxidants</i> , 2020 , 9,	7.1	10
204	Detection of the enterococcal oxazolidinone/phenicol resistance gene optrA in Campylobacter coli. <i>Veterinary Microbiology</i> , 2020 , 246, 108731	3.3	6
203	Epidemiology of mobile colistin resistance genes mcr-1 to mcr-9. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 3087-3095	5.1	66
202	Fitness Cost of -Carrying p3R-IncX3 Plasmids in Wild-Type NDM-Free. <i>Microorganisms</i> , 2020 , 8,	4.9	13
201	Farm animals and aquaculture: significant reservoirs of mobile colistin resistance genes. <i>Environmental Microbiology</i> , 2020 , 22, 2469-2484	5.2	30
200	Programmable antibiotic delivery to combat methicillin-resistant Staphylococcus aureus through precision therapy. <i>Journal of Controlled Release</i> , 2020 , 321, 710-717	11.7	9
199	Emergence of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump Conferring Resistance to Multiple Drugs, Including Tigecycline, in Klebsiella pneumoniae. <i>MBio</i> , 2020 , 11,	7.8	60
198	A public health concern: emergence of carbapenem-resistant Klebsiella pneumoniae in a public transportation environment. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2769-2772	5.1	3
197	Hapten Design and Monoclonal Antibody to Fluoroacetamide, a Small and Highly Toxic Chemical. <i>Biomolecules</i> , 2020 , 10,	5.9	6
196	Proteomics study unveils ROS balance in acid-adapted Salmonella Enteritidis. <i>Food Microbiology</i> , 2020 , 92, 103585	6	4
195	Curcumin Attenuates Colistin-Induced Peripheral Neurotoxicity in Mice. <i>ACS Infectious Diseases</i> , 2020 , 6, 715-724	5.5	13

194	Identification of the novel tigecycline resistance gene tet(X6) and its variants in Myroides, Acinetobacter and Proteus of food animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 1428-1431	5.4	42
193	Homogeneous fluorescent immunoassay for the simultaneous detection of chloramphenicol and amantadine via the duplex FRET between carbon dots and WS nanosheets. <i>Food Chemistry</i> , 2020 , 327, 127107	8.5	22
192	Development of a validated direct injection-liquid chromatographic tandem mass spectrometric method under negative electrospray ionization for quantitation of nine microcystins and nodularin-R in lake water. <i>Journal of Chromatography A</i> , 2020 , 1609, 460432	4.5	1
191	Prevalence, etiology, and economic impact of clinical mastitis on large dairy farms in China. <i>Veterinary Microbiology</i> , 2020 , 242, 108570	3.3	10
190	Ratiometric fluorescent sensing system for drug residue analysis: Highly sensitive immunosensor using dual-emission quantum dots hybrid and compact smartphone based-device. <i>Analytica Chimica Acta</i> , 2020 , 1102, 91-98	6.6	10
189	Sublethal Levels of Antibiotics Promote Bacterial Persistence in Epithelial Cells. <i>Advanced Science</i> , 2020 , 7, 1900840	13.6	15
188	Metagenomic insights into differences in environmental resistome profiles between integrated and monoculture aquaculture farms in China. <i>Environment International</i> , 2020 , 144, 106005	12.9	13
187	Genomic epidemiology of animal-derived tigecycline-resistant Escherichia coli across China reveals recent endemic plasmid-encoded tet(X4) gene. <i>Communications Biology</i> , 2020 , 3, 412	6.7	8
186	Influence of Small Molecular Property on Antibody Response. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 10944-10950	5.7	4
185	Bisphenol A and Its Analogues in Chinese Total Diets: Contaminated Levels and Risk Assessment. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 8822321	6.7	6
184	Toxins and mobile antimicrobial resistance genes in Bacillus probiotics constitute a potential risk for One Health. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121266	12.8	16
183	Emergence of the Phenicol Exporter Gene in Campylobacter coli and Campylobacter jejuni of Animal Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	3
182	Identification of Functional Interactome of Colistin Resistance Protein MCR-1 in. <i>Frontiers in Microbiology</i> , 2020 , 11, 583185	5.7	1
181	T-2 toxin neurotoxicity: role of oxidative stress and mitochondrial dysfunction. <i>Archives of Toxicology</i> , 2019 , 93, 3041-3056	5.8	51
180	Deciphering the Role of V88L Substitution in NDM-24 metallo-β-lactamase. <i>Catalysts</i> , 2019 , 9, 744	4	6
179	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. <i>Nature Microbiology</i> , 2019 , 4, 1450-1456	26.6	230
178	Integrated aquaculture contributes to the transfer of mcr-1 between animals and humans via the aquaculture supply chain. <i>Environment International</i> , 2019 , 130, 104708	12.9	21
177	Fluorescence immunoassay based on the inner-filter effect of carbon dots for highly sensitive amantadine detection in foodstuffs. <i>Food Chemistry</i> , 2019 , 294, 347-354	8.5	32

176	Emerging (B)-Mediated Macrolide Resistance Associated with Novel Multidrug Resistance Genomic Islands in. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	19
175	Presence of NDM in non-E. coli Enterobacteriaceae in the poultry production environment. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2209-2213	5.1	16
174	Portable Multiplex Immunochromatographic Assay for Quantitation of Two Typical Algae Toxins Based on Dual-Color Fluorescence Microspheres. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 6041-6047	5.7	27
173	An Aggregation-Induced Emission-Based Indirect Competitive Immunoassay for Fluorescence "Turn-On" Detection of Drug Residues in Foodstuffs. <i>Frontiers in Chemistry</i> , 2019 , 7, 228	5	12
172	Association of colistin residues and manure treatment with the abundance of mcr-1 gene in swine feedlots. <i>Environment International</i> , 2019 , 127, 361-370	12.9	29
171	Design, synthesis and characterization of tracers and development of a fluorescence polarization immunoassay for the rapid detection of ractopamine in pork. <i>Food Chemistry</i> , 2019 , 271, 9-17	8.5	24
170	Production of a specific monoclonal antibody and a sensitive immunoassay for the detection of diphacinone in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 6755-6765	4.4	4
169	Inter-host Transmission of Carbapenemase-Producing among Humans and Backyard Animals. <i>Environmental Health Perspectives</i> , 2019 , 127, 107009	8.4	42
168	Nonribosomal antibacterial peptides that target multidrug-resistant bacteria. <i>Natural Product Reports</i> , 2019 , 36, 573-592	15.1	56
167	Plasmid-mediated tigecycline-resistant gene (X4) in from food-producing animals, China, 2008-2018. <i>Emerging Microbes and Infections</i> , 2019 , 8, 1524-1527	18.9	28
166	Novel Plasmid-Mediated (X5) Gene Conferring Resistance to Tigecycline, Eravacycline, and Omadacycline in a Clinical <i>Acinetobacter baumannii</i> Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 64,	5.9	70
165	Comprehensive proteomic and metabolomic profiling of mcr-1-mediated colistin resistance in <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 795-804	14.3	12
164	Class-Specific Monoclonal Antibodies and Dihydropteroate Synthase in Bioassays Used for the Detection of Sulfonamides: Structural Insights into Recognition Diversity. <i>Analytical Chemistry</i> , 2019 , 91, 2392-2400	7.8	18
163	Amino acid changes at the VIM-48 C-terminus result in increased carbapenem resistance, enzyme activity and protein stability. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 885-893	5.1	4
162	Dihydropteroate synthase based sensor for screening multi-sulfonamides residue and its comparison with broad-specific antibody based immunoassay by molecular modeling analysis. <i>Analytica Chimica Acta</i> , 2019 , 1050, 139-145	6.6	16
161	Determination of emerging chlorinated byproducts of diazepam in drinking water. <i>Chemosphere</i> , 2019 , 218, 223-231	8.4	21
160	Nontargeted Detection Methods for Food Safety and Integrity. <i>Annual Review of Food Science and Technology</i> , 2019 , 10, 429-455	14.7	40
159	Molecular Mechanisms of Neurotoxicity Induced by Polymyxins and Chemoprevention. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 120-131	5.7	26

158	Molecularly Imprinted Polymer as an Antibody Substitution in Pseudo-immunoassays for Chemical Contaminants in Food and Environmental Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 2561-2571	5.7	31
157	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. <i>Analytica Chimica Acta</i> , 2018 , 1027, 130-136	6.6	25
156	Antimicrobial Resistance in spp. <i>Microbiology Spectrum</i> , 2018 , 6,	8.9	30
155	Metabolomic profiling of <i>Campylobacter jejuni</i> with resistance gene <i>ermB</i> by ultra-high performance liquid chromatography-quadrupole time-of-flight mass spectrometry and tandem quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the</i>	3.2	3
154	Identification of novel variants of the colistin resistance gene <i>mcr-3</i> in <i>Aeromonas</i> spp. from the national resistance monitoring programme GERM-Vet and from diagnostic submissions. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1217-1221	5.1	40
153	Universal simultaneous multiplex ELISA of small molecules in milk based on dual luciferases. <i>Analytica Chimica Acta</i> , 2018 , 1001, 125-133	6.6	24
152	Preparation of high affinity antibody for ribavirin with new haptens and residue analysis in chicken muscle, eggs and duck muscle. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018 , 35, 1247-1256	3.2	6
151	Emergence of carbapenem-resistant hypervirulent <i>Klebsiella pneumoniae</i> . <i>Lancet Infectious Diseases, The</i> , 2018 , 18, 25	25.5	52
150	Heterogeneous and Flexible Transmission of in Hospital-Associated <i>Escherichia coli</i> . <i>MBio</i> , 2018 , 9,	7.8	33
149	Anthropogenic and environmental factors associated with high incidence of <i>mcr-1</i> carriage in humans across China. <i>Nature Microbiology</i> , 2018 , 3, 1054-1062	26.6	87
148	Novel Variant of New Delhi Metallo-βactamase, NDM-20, in. <i>Frontiers in Microbiology</i> , 2018 , 9, 248	5.7	40
147	Antimicrobial Resistance among Staphylococci of Animal Origin. <i>Microbiology Spectrum</i> , 2018 , 6,	8.9	26
146	Proposal for assignment of allele numbers for mobile colistin resistance (<i>mcr</i>) genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2625-2630	5.1	64
145	Highly sensitive SERS immunosensor for the detection of amantadine in chicken based on flower-like gold nanoparticles and magnetic bead separation. <i>Food and Chemical Toxicology</i> , 2018 , 118, 589-594	4.7	20
144	New Hapten Synthesis, Antibody Production, and Indirect Competitive Enzyme-Linked Immunosorbent Assay for Amantadine in Chicken Muscle. <i>Food Analytical Methods</i> , 2018 , 11, 302-308	3.4	27
143	Intracellular Accumulation of Linezolid and Florfenicol in <i>OptraA</i> -Producing and. <i>Molecules</i> , 2018 , 23,	4.8	8
142	Small Antimicrobial Resistance Plasmids in Livestock-Associated Methicillin-Resistant CC398. <i>Frontiers in Microbiology</i> , 2018 , 9, 2063	5.7	15
141	Generic Hapten Synthesis, Broad-Specificity Monoclonal Antibodies Preparation, and Ultrasensitive ELISA for Five Antibacterial Synergists in Chicken and Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 11170-11179	5.7	32

140	Reply to Cabello et al., "Aquaculture and Colistin Resistance Determinants". <i>MBio</i> , 2018 , 9,	7.8	11
139	Antimicrobial Resistance among Staphylococci of Animal Origin 2018 , 127-157		0
138	Antimicrobial Resistance in <i>Campylobacter</i> spp. 2018 , 317-330		2
137	Prevalence and Genetic Analysis of β -Positive <i>Aeromonas</i> Species from Humans, Retail Meat, and Environmental Water Samples. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	38
136	Emergence of a novel mobile colistin resistance gene, <i>mcr-8</i> , in NDM-producing <i>Klebsiella pneumoniae</i> . <i>Emerging Microbes and Infections</i> , 2018 , 7, 122	18.9	272
135	Insights into the Mechanistic Basis of Plasmid-Mediated Colistin Resistance from Crystal Structures of the Catalytic Domain of MCR-1. <i>Scientific Reports</i> , 2017 , 7, 39392	4.9	78
134	Prevalence, risk factors, outcomes, and molecular epidemiology of <i>mcr-1</i> -positive Enterobacteriaceae in patients and healthy adults from China: an epidemiological and clinical study. <i>Lancet Infectious Diseases</i> , 2017 , 17, 390-399	25.5	219
133	Fluorescence Polarization Immunoassay Based on a New Monoclonal Antibody for the Detection of the Zearalenone Class of Mycotoxins in Maize. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 2240-2247	5.7	51
132	Plasmid-Mediated Novel Gene Encoding a Carbapenemase with Enhanced Activity in a Sequence Type 48 <i>Escherichia coli</i> Strain. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	50
131	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. <i>Nature Microbiology</i> , 2017 , 2, 16260	26.6	240
130	Dissemination of <i>erm(B)</i> and its associated multidrug-resistance genomic islands in <i>Campylobacter</i> from 2013 to 2015. <i>Veterinary Microbiology</i> , 2017 , 204, 20-24	3.3	9
129	MCR-1-producing <i>Klebsiella pneumoniae</i> outbreak in China. <i>Lancet Infectious Diseases</i> , 2017 , 17, 577	25.5	35
128	An Enzyme-Linked Immunosorbent Assay to Detect Salinomycin Residues Based on Immunomagnetic Bead Clean-up. <i>Food Analytical Methods</i> , 2017 , 10, 3042-3051	3.4	8
127	Comprehensive Analysis of Tiamulin Metabolites in Various Species of Farm Animals Using Ultra-High-Performance Liquid Chromatography Coupled to Quadrupole/Time-of-Flight. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 199-207	5.7	15
126	Multiplex Lateral Flow Immunoassays Based on Amorphous Carbon Nanoparticles for Detecting Three <i>Fusarium</i> Mycotoxins in Maize. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8063-8071	5.7	81
125	Chromosome-Mediated Variants in <i>Aeromonas veronii</i> from Chicken Meat. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	54
124	Design of Multifunctional Nanostructure for Ultrafast Extraction and Purification of Aflatoxins in Foodstuffs. <i>Analytical Chemistry</i> , 2017 , 89, 10556-10564	7.8	22
123	Balancing <i>mcr-1</i> expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. <i>Nature Communications</i> , 2017 , 8, 2054	17.4	91

122	Novel Plasmid-Mediated Colistin Resistance Gene in. <i>MBio</i> , 2017 , 8,	7.8	281
121	Complete sequence of a plasmid from a bovine methicillin-resistant <i>Staphylococcus aureus</i> harbouring a novel <i>ica</i> -like gene cluster in addition to antimicrobial and heavy metal resistance genes. <i>Veterinary Microbiology</i> , 2017 , 200, 95-100	3.3	27
120	Integrated Genomic and Proteomic Analyses of High-level Chloramphenicol Resistance in <i>Campylobacter jejuni</i> . <i>Scientific Reports</i> , 2017 , 7, 16973	4.9	5
119	Simultaneous determination of nitroimidazoles, benzimidazoles, and chloramphenicol components in bovine milk by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016 , 192, 280-7	8.5	27
118	Lincosamides, Streptogramins, Phenicol, and Pleuromutilins: Mode of Action and Mechanisms of Resistance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016 , 6,	5.4	47
117	Prevalence and Abundance of Florfenicol and Linezolid Resistance Genes in Soils Adjacent to Swine Feedlots. <i>Scientific Reports</i> , 2016 , 6, 32192	4.9	45
116	Emergence of a Potent Multidrug Efflux Pump Variant That Enhances <i>Campylobacter</i> Resistance to Multiple Antibiotics. <i>MBio</i> , 2016 , 7,	7.8	62
115	Molecular basis of rifampicin resistance in multiresistant porcine livestock-associated MRSA. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 3313-3315	5.1	13
114	Production of monoclonal antibodies with broad specificity and development of an immunoassay for microcystins and nodularin in water. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 6037-44	4.4	21
113	Emergence of plasmid-mediated colistin resistance mechanism MCR-1 in animals and human beings in China: a microbiological and molecular biological study. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 161-8	25.5	2954
112	Multiresidue analysis of sulfonamides, quinolones, and tetracyclines in animal tissues by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016 , 204, 252-262	8.5	60
111	General Bioluminescence Resonance Energy Transfer Homogeneous Immunoassay for Small Molecules Based on Quantum Dots. <i>Analytical Chemistry</i> , 2016 , 88, 3512-20	7.8	42
110	Genetic environment of the transferable oxazolidinone/phenicol resistance gene <i>optrA</i> in <i>Enterococcus faecalis</i> isolates of human and animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1466-73	5.1	101
109	Species shift and multidrug resistance of <i>Campylobacter</i> from chicken and swine, China, 2008-14. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 666-9	5.1	48
108	A universal multi-wavelength fluorescence polarization immunoassay for multiplexed detection of mycotoxins in maize. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 258-65	11.8	64
107	Chemiluminescence Resonance Energy Transfer Competitive Immunoassay Employing Hapten-Functionalized Quantum Dots for the Detection of Sulfamethazine. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17745-50	9.5	36
106	Early emergence of <i>mcr-1</i> in <i>Escherichia coli</i> from food-producing animals. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 293	25.5	174
105	Co-location of the oxazolidinone resistance genes <i>optrA</i> and <i>cfr</i> on a multiresistance plasmid from <i>Staphylococcus sciuri</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1474-8	5.1	83

104	Building bridges to operationalise one health - A Sino-Swedish collaboration to tackle antibiotic resistance. <i>One Health</i> , 2016 , 2, 139-143	7.6	14
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