

Jianzhong Shen

List of Publications by Year in descending order

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255
papers

15,592
citations

34105

52
h-index

22166

113
g-index

261
all docs

261
docs citations

261
times ranked

12001
citing authors

#	ARTICLE	IF	CITATIONS
1	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</i> , The, 2016, 16, 161-168.	9.1	4,130
2	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. <i>Nature Microbiology</i> , 2019, 4, 1450-1456.	13.3	455
3	A novel gene, <i>optrA</i> , that confers transferable resistance to oxazolidinones and phenicols and its presence in <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> of human and animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2182-2190.	3.0	450
4	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, 1-9.	6.5	404
5	Novel Plasmid-Mediated Colistin Resistance Gene <i>mcr-3</i> in <i>Escherichia coli</i> . <i>MBio</i> , 2017, 8, .	4.1	388
6	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. <i>Nature Microbiology</i> , 2017, 2, 16260.	13.3	347
7	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> , The, 2017, 17, 390-399.	9.1	298
8	A broad-spectrum antibiotic adjuvant reverses multidrug-resistant Gram-negative pathogens. <i>Nature Microbiology</i> , 2020, 5, 1040-1050.	13.3	236
9	Early emergence of <i>mcr-1</i> in <i>Escherichia coli</i> from food-producing animals. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 293.	9.1	230
10	Presence and dissemination of the multiresistance gene <i>cfr</i> in Gram-positive and Gram-negative bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1697-1706.	3.0	226
11	Changes in colistin resistance and <i>mcr-1</i> abundance in <i>Escherichia coli</i> of animal and human origins following the ban of colistin-positive additives in China: an epidemiological comparative study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1161-1171.	9.1	212
12	Epidemiology of mobile colistin resistance genes <i>mcr-1</i> to <i>mcr-9</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3087-3095.	3.0	163
13	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.	12.8	157
14	Emergence of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump Conferring Resistance to Multiple Drugs, Including Tigecycline, in <i>Klebsiella pneumoniae</i> . <i>MBio</i> , 2020, 11, .	4.1	153
15	Plant Natural Flavonoids Against Multidrug Resistant Pathogens. <i>Advanced Science</i> , 2021, 8, e2100749.	11.2	148
16	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.	13.3	139
17	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, 1466-1473.	3.0	134
18	Emergence of Multidrug-Resistant <i>Campylobacter</i> Species Isolates with a Horizontally Acquired rRNA Methylase. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5405-5412.	3.2	129

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19	Novel Plasmid-Mediated <i>tet</i> (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, .	3.2	124
20	First Report of the Multidrug Resistance Gene <i>cfr</i> in <i>Enterococcus faecalis</i> of Animal Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1650-1654.	3.2	118
21	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.	5.2	114
22	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, 1474-1478.	3.0	113
23	Determination of chloramphenicol, thiamphenicol, florfenicol, and florfenicol amine in poultry and porcine muscle and liver by gas chromatography-negative chemical ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1523-1529.	2.3	112
24	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.	3.3	107
25	Nonribosomal antibacterial peptides that target multidrug-resistant bacteria. <i>Natural Product Reports</i> , 2019, 36, 573-592.	10.3	103
26	Proposal for assignment of allele numbers for mobile colistin resistance (<i>mcr</i>) genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2625-2630.	3.0	101
27	Mobile Oxazolidinone Resistance Genes in Gram-Positive and Gram-Negative Bacteria. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0018820.	13.6	95
28	Emergence of carbapenem-resistant hypervirulent <i>Klebsiella pneumoniae</i> . <i>Lancet Infectious Diseases</i> , The, 2018, 18, 25.	9.1	94
29	Emergence of a Potent Multidrug Efflux Pump Variant That Enhances <i>Campylobacter</i> Resistance to Multiple Antibiotics. <i>MBio</i> , 2016, 7, .	4.1	91
30	T-2 toxin neurotoxicity: role of oxidative stress and mitochondrial dysfunction. <i>Archives of Toxicology</i> , 2019, 93, 3041-3056.	4.2	89
31	Inter-host Transmission of Carbapenemase-Producing <i>Escherichia coli</i> among Humans and Backyard Animals. <i>Environmental Health Perspectives</i> , 2019, 127, 107009.	6.0	85
32	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.	5.2	83
33	Lincosamides, Streptogramins, Phenicols, and Pleuromutilins: Mode of Action and Mechanisms of Resistance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a027037.	6.2	79
34	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.	8.2	77
35	Multidrug resistance genes in staphylococci from animals that confer resistance to critically and highly important antimicrobial agents in human medicine. <i>Trends in Microbiology</i> , 2015, 23, 44-54.	7.7	76
36	A universal multi-wavelength fluorescence polarization immunoassay for multiplexed detection of mycotoxins in maize. <i>Biosensors and Bioelectronics</i> , 2016, 79, 258-265.	10.1	75

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37	Tracking <i>Campylobacter</i> contamination along a broiler chicken production chain from the farm level to retail in China. <i>International Journal of Food Microbiology</i> , 2014, 181, 77-84.	4.7	72
38	Prevalence and Abundance of Florfenicol and Linezolid Resistance Genes in Soils Adjacent to Swine Feedlots. <i>Scientific Reports</i> , 2016, 6, 32192.	3.3	70
39	Chromosome-Mediated <i>mcr-3</i> Variants in <i>Aeromonas veronii</i> from Chicken Meat. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	70
40	Identification of the novel tigeicycline resistance gene tet(X6) and its variants in <i>Myroides</i> , <i>Acinetobacter</i> and <i>Proteus</i> of food animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1428-1431.	3.0	69
41	Farm animals and aquaculture: significant reservoirs of mobile colistin resistance genes. <i>Environmental Microbiology</i> , 2020, 22, 2469-2484.	3.8	68
42	Hapten synthesis, monoclonal antibody production and development of a competitive indirect enzyme-linked immunosorbent assay for erythromycin in milk. <i>Food Chemistry</i> , 2015, 171, 98-107.	8.2	67
43	Plasmid-Mediated Novel <i>bla</i> _{NDM-17} 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, .	3.2	67
44	Antimicrobial Resistance in <i>Campylobacter</i> spp. <i>Microbiology Spectrum</i> , 2018, 6, .	3.0	67
45	Species shift and multidrug resistance of <i>Campylobacter</i> from chicken and swine, China, 2008–14. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 666-669.	3.0	66
46	Development of a multiplex flow-through immunoaffinity chromatography test for the on-site screening of 14 sulfonamide and 13 quinolone residues in milk. <i>Biosensors and Bioelectronics</i> , 2015, 66, 124-128.	10.1	64
47	Development of a highly sensitive and specific immunoassay for enrofloxacin based on heterologous coating haptens. <i>Analytica Chimica Acta</i> , 2014, 820, 152-158.	5.4	63
48	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.	5.2	63
49	Nontargeted Detection Methods for Food Safety and Integrity. <i>Annual Review of Food Science and Technology</i> , 2019, 10, 429-455.	9.9	59
50	Serotype distribution and antibiotic resistance of <i>Salmonella</i> in food-producing animals in Shandong province of China, 2009 and 2012. <i>International Journal of Food Microbiology</i> , 2014, 180, 30-38.	4.7	58
51	Prevalence and Genetic Analysis of <i>mcr-3</i> -Positive <i>Aeromonas</i> Species from Humans, Retail Meat, and Environmental Water Samples. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	58
52	Plasmid-mediated tigeicycline-resistant gene <i>tet</i> (X4) in <i>Escherichia coli</i> from food-producing animals, China, 2008–2018. <i>Emerging Microbes and Infections</i> , 2019, 8, 1524-1527.	6.5	58
53	Novel Variant of New Delhi Metallo- β -lactamase, NDM-20, in <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 248.	3.5	57
54	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.	8.2	57

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55	Cloning, Up-Regulation, and Mitogenic Role of Porcine P2Y2 Receptor in Coronary Artery Smooth Muscle Cells. <i>Molecular Pharmacology</i> , 2004, 66, 1265-1274.	2.3	55
56	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.	3.0	55
57	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, 976.	5.1	55
58	The Natural Product Curcumin as an Antibacterial Agent: Current Achievements and Problems. <i>Antioxidants</i> , 2022, 11, 459.	5.1	55
59	Identification of the major metabolites of quinocetone in swine urine using ultra-performance liquid chromatography/electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 375-383.	1.5	54
60	Heterogeneous and Flexible Transmission of <i>mcr-1</i> in Hospital-Associated <i>Escherichia coli</i> . <i>MBio</i> , 2018, 9, .	4.1	54
61	Integrated aquaculture contributes to the transfer of <i>mcr-1</i> between animals and humans via the aquaculture supply chain. <i>Environment International</i> , 2019, 130, 104708.	10.0	53
62	“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.	10.1	53
63	Simultaneous Determination of Aflatoxin B1 and Aflatoxin M1 in Food Matrices by Enzyme-Linked Immunosorbent Assay. <i>Food Analytical Methods</i> , 2013, 6, 767-774.	2.6	52
64	General Bioluminescence Resonance Energy Transfer Homogeneous Immunoassay for Small Molecules Based on Quantum Dots. <i>Analytical Chemistry</i> , 2016, 88, 3512-3520.	6.5	52
65	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.	5.2	52
66	A monoclonal antibody-based time-resolved fluoroimmunoassay for chloramphenicol in shrimp and chicken muscle. <i>Analytica Chimica Acta</i> , 2006, 575, 262-266.	5.4	51
67	Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo. <i>Advanced Science</i> , 2021, 8, 2001750.	11.2	49
68	Development of a Screening Fluorescence Polarization Immunoassay for the Simultaneous Detection of Fumonisin B ₁ and B ₂ in Maize. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4940-4946.	5.2	48
69	Association of colistin residues and manure treatment with the abundance of <i>mcr-1</i> gene in swine feedlots. <i>Environment International</i> , 2019, 127, 361-370.	10.0	48
70	Multi-residue fluorescent microspheres immunochromatographic assay for simultaneous determination of macrolides in raw milk. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 9125-9133.	3.7	47
71	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.	5.2	46
72	MCR-1-producing <i>Klebsiella pneumoniae</i> outbreak in China. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 577.	9.1	45

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73	Molecular Mechanisms of Neurotoxicity Induced by Polymyxins and Chemoprevention. <i>ACS Chemical Neuroscience</i> , 2019, 10, 120-131.	3.5	45
74	Characterization and application of quantum dot nanocrystalâ€“monoclonal antibody conjugates for the determination of sulfamethazine in milk by fluoroimmunoassay. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 2243-2250.	3.7	42
75	Chemiluminescence Resonance Energy Transfer Competitive Immunoassay Employing Hapten-Functionalized Quantum Dots for the Detection of Sulfamethazine. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17745-17750.	8.0	42
76	Universal simultaneous multiplex ELISA of small molecules in milk based on dual luciferases. <i>Analytica Chimica Acta</i> , 2018, 1001, 125-133.	5.4	42
77	Emerging erm (B)-Mediated Macrolide Resistance Associated with Novel Multidrug Resistance Genomic Islands in <i>Campylobacter</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	42
78	Pharmacokinetics of florfenicol in healthy and <i>Escherichia coli</i> -infected broiler chickens. <i>Research in Veterinary Science</i> , 2002, 73, 137-140.	1.9	41
79	Bioavailability and pharmacokinetics of florfenicol in healthy sheep*. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2004, 27, 163-168.	1.3	41
80	Antimicrobial Resistance among <i>Staphylococci</i> of Animal Origin. <i>Microbiology Spectrum</i> , 2018, 6, .	3.0	41
81	Magnetic assisted fluorescence immunoassay for sensitive chloramphenicol detection using carbon dots@CaCO ₃ nanocomposites. <i>Journal of Hazardous Materials</i> , 2021, 402, 123942.	12.4	41
82	Cell-Signaling Evidence for Adenosine Stimulation of Coronary Smooth Muscle Proliferation via the A ₁ Adenosine Receptor. <i>Circulation Research</i> , 2005, 97, 574-582.	4.5	40
83	Simultaneous Determination of Florfenicol and Florfenicol Amine in Fish, Shrimp, and Swine Muscle by Gas Chromatography with a Microcell Electron Capture Detector. <i>Journal of AOAC INTERNATIONAL</i> , 2006, 89, 1437-1442.	1.5	40
84	Toxins and mobile antimicrobial resistance genes in <i>Bacillus</i> probiotics constitute a potential risk for One Health. <i>Journal of Hazardous Materials</i> , 2020, 382, 121266.	12.4	40
85	Metagenomic insights into differences in environmental resistome profiles between integrated and monoculture aquaculture farms in China. <i>Environment International</i> , 2020, 144, 106005.	10.0	40
86	Fitness Cost of bla _{NDM-5} -Carrying p3R-IncX3 Plasmids in Wild-Type NDM-Free Enterobacteriaceae. <i>Microorganisms</i> , 2020, 8, 377.	3.6	40
87	New haptens and antibodies for ractopamine. <i>Food Chemistry</i> , 2015, 183, 111-114.	8.2	39
88	Association of florfenicol residues with the abundance of oxazolidinone resistance genes in livestock manures. <i>Journal of Hazardous Materials</i> , 2020, 399, 123059.	12.4	39
89	Simultaneous determination of nitroimidazoles, benzimidazoles, and chloramphenicol components in bovine milk by ultra-high performance liquid chromatographyâ€“tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 192, 280-287.	8.2	38
90	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.	8.2	38

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91	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.	1.9	37
92	Homogeneous fluorescent immunoassay for the simultaneous detection of chloramphenicol and amantadine via the duplex FRET between carbon dots and WS2 nanosheets. <i>Food Chemistry</i> , 2020, 327, 127107.	8.2	37
93	Novel Mitogenic Effect of Adenosine on Coronary Artery Smooth Muscle Cells. <i>Circulation Research</i> , 2005, 96, 982-990.	4.5	36
94	Genetic environment of the multi-resistance gene <i>cfr</i> in methicillin-resistant coagulase-negative staphylococci from chickens, ducks, and pigs in China. <i>International Journal of Medical Microbiology</i> , 2014, 304, 257-261.	3.6	36
95	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.	6.5	36
96	Sublethal Levels of Antibiotics Promote Bacterial Persistence in Epithelial Cells. <i>Advanced Science</i> , 2020, 7, 1900840.	11.2	36
97	Genomic epidemiology of animal-derived tigecycline-resistant <i>Escherichia coli</i> across China reveals recent endemic plasmid-encoded <i>tet(X4)</i> gene. <i>Communications Biology</i> , 2020, 3, 412.	4.4	36
98	High prevalence and persistence of carbapenem and colistin resistance in livestock farm environments in China. <i>Journal of Hazardous Materials</i> , 2021, 406, 124298.	12.4	35
99	Characterization of a genomic island in <i>Stenotrophomonas maltophilia</i> that carries a novel <i>floR</i> gene variant. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 70, 1031-6.	3.0	34
100	An ultrasensitive chemiluminescent ELISA for determination of chloramphenicol in milk, milk powder, honey, eggs and chicken muscle. <i>Food and Agricultural Immunology</i> , 2014, 25, 137-148.	1.4	34
101	Prevalence, etiology, and economic impact of clinical mastitis on large dairy farms in China. <i>Veterinary Microbiology</i> , 2020, 242, 108570.	1.9	34
102	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.	14.0	34
103	Molecular characterization of methicillin-resistant <i>Staphylococcus aureus</i> strains from pet animals and veterinary staff in China. <i>Veterinary Journal</i> , 2011, 190, e125-e129.	1.7	33
104	IMP-45-producing multidrug-resistant <i>Pseudomonas aeruginosa</i> of canine origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2579-2581.	3.0	33
105	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.	2.6	32
106	Time-resolved fluoroimmunoassay for ractopamine in swine tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1561-1564.	3.7	31
107	Multiplex Immunogold Chromatographic Assay for Simultaneous Determination of Macrolide Antibiotics in Raw Milk. <i>Food Analytical Methods</i> , 2015, 8, 2368-2375.	2.6	30
108	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.	5.4	30

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109	Small Antimicrobial Resistance Plasmids in Livestock-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> CC398. <i>Frontiers in Microbiology</i> , 2018, 9, 2063.	3.5	30
110	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.	5.4	30
111	Fluorescence polarisation immunoassay based on a monoclonal antibody for the detection of sulphamethazine in chicken muscle. <i>International Journal of Food Science and Technology</i> , 2007, 42, 36-44.	2.7	29
112	Curcumin Attenuates Colistin-Induced Peripheral Neurotoxicity in Mice. <i>ACS Infectious Diseases</i> , 2020, 6, 715-724.	3.8	29
113	Occurrence of pharmaceuticals and personal care products in bottled water and assessment of the associated risks. <i>Environment International</i> , 2021, 155, 106651.	10.0	29
114	Presence of NDM in non- <i>E. coli</i> Enterobacteriaceae in the poultry production environment. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2209-2213.	3.0	28
115	Determination of emerging chlorinated byproducts of diazepam in drinking water. <i>Chemosphere</i> , 2019, 218, 223-231.	8.2	28
116	Characterization of florfenicol resistance among calf pathogenic <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2004, 236, 183-189.	1.8	27
117	First report of multiresistance gene <i>cfr</i> in <i>Enterococcus species casseliflavus</i> and <i>gallinarum</i> of swine origin. <i>Veterinary Microbiology</i> , 2014, 170, 352-357.	1.9	27
118	Simultaneous determination of mequindox, quinocetone, and their major metabolites in chicken and pork by UPLC-MS/MS. <i>Food Chemistry</i> , 2014, 160, 171-179.	8.2	27
119	Comprehensive proteomic and metabolomic profiling of <i>mcr-1</i> -mediated colistin resistance in <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 795-804.	2.5	27
120	Multiresidue Determination of Zeranol and Related Compounds in Bovine Muscle by Gas Chromatography/Mass Spectrometry with Immunoaffinity Cleanup. <i>Journal of AOAC INTERNATIONAL</i> , 2006, 89, 1677-1681.	1.5	26
121	Simultaneous Determination of Nitroimidazole Residues in Honey Samples by High-Performance Liquid Chromatography with Ultraviolet Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 872-878.	1.5	26
122	Development and optimization of a fluorescence polarization immunoassay for orbifloxacin in milk. <i>Analytical Methods</i> , 2014, 6, 3849-3857.	2.7	26
123	A highly sensitive and class-specific fluorescence polarisation assay for sulphonamides based on dihydropteroate synthase. <i>Biosensors and Bioelectronics</i> , 2015, 70, 1-4.	10.1	26
124	Comparison of Fluorescent Microspheres and Colloidal Gold as Labels in Lateral Flow Immunochromatographic Assays for the Detection of T-2 Toxin. <i>Molecules</i> , 2016, 21, 27.	3.8	26
125	Design of Multifunctional Nanostructure for Ultrafast Extraction and Purification of Aflatoxins in Foodstuffs. <i>Analytical Chemistry</i> , 2017, 89, 10556-10564.	6.5	26
126	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.	5.4	26

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127	Polymyxinsâ€“Curcumin Combination Antimicrobial Therapy: Safety Implications and Efficacy for Infection Treatment. <i>Antioxidants</i> , 2020, 9, 506.	5.1	26
128	Pharmacokinetics of tilmicosin after oral administration in swine. <i>American Journal of Veterinary Research</i> , 2005, 66, 1071-1074.	0.6	25
129	Highly Broad-Specific and Sensitive Enzyme-Linked Immunosorbent Assay for Screening Sulfonamides: Assay Optimization and Application to Milk Samples. <i>Food Analytical Methods</i> , 2014, 7, 1992-2002.	2.6	25
130	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, 6037-6044.	3.7	25
131	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.	3.6	25
132	Impact of carbapenem resistance on mortality in patients infected with <i>Enterobacteriaceae</i> : a systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e054971.	1.9	25
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