Stefan Schwarz

List of Publications by Year
in descending order

336 papers	20,189 citations	14655 66 h-index	16183 124 g-index
339 all docs	339 docs citations	339 times ranked	12396 citing authors

#	Article	IF	Citations
1	ResFinder 4.0 for predictions of phenotypes from genotypes. Journal of Antimicrobial Chemotherapy, 2020, 75, 3491-3500.	3.0	1,523
2	A Field Guide to Pandemic, Epidemic and Sporadic Clones of Methicillin-Resistant Staphylococcus aureus. PLoS ONE, 2011, 6, e17936.	2.5	734
3	Staphylococcus aureus CC398: Host Adaptation and Emergence of Methicillin Resistance in Livestock. MBio, 2012, 3, .	4.1	638
4	The Cfr rRNA Methyltransferase Confers Resistance to Phenicols, Lincosamides, Oxazolidinones, Pleuromutilins, and Streptogramin A Antibiotics. Antimicrobial Agents and Chemotherapy, 2006, 50, 2500-2505.	3.2	613
5	Molecular basis of bacterial resistance to chloramphenicol and florfenicol. FEMS Microbiology Reviews, 2004, 28, 519-542.	8.6	565
6	Pet animals as reservoirs of antimicrobial-resistant bacteria: Review. Journal of Antimicrobial Chemotherapy, 2004, 54, 321-332.	3.0	524
7	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. Journal of Antimicrobial Chemotherapy, 2015, 70, 2182-2190.	3.0	450
8	Antimicrobial Resistance in<i>Escherichia coli</i>. Microbiology Spectrum, 2018, 6, .	3.0	406
9	Clonal spread of methicillin-resistant Staphylococcus pseudintermedius in Europe and North America: an international multicentre study. Journal of Antimicrobial Chemotherapy, 2010, 65, 1145-1154.	3.0	391
10	Distribution of Florfenicol Resistance Genes <i>fexA</i> and <i>cfr</i> among Chloramphenicol-Resistant <i>Staphylococcus</i> Isolates. Antimicrobial Agents and Chemotherapy, 2006, 50, 1156-1163.	3.2	355
11	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. Nature Microbiology, 2017, 2, 16260.	13.3	347
12	Editorial: Assessing the antimicrobial susceptibility of bacteria obtained from animals. Journal of Antimicrobial Chemotherapy, 2010, 65, 601-604.	3.0	300
13	Identification of a Plasmid-Borne Chloramphenicol-Florfenicol Resistance Gene in Staphylococcus sciuri. Antimicrobial Agents and Chemotherapy, 2000, 44, 2530-2533.	3.2	294
14	A new mechanism for chloramphenicol, florfenicol and clindamycin resistance: methylation of 23S ribosomal RNA at A2503. Molecular Microbiology, 2005, 57, 1064-1073.	2.5	286
15	Transferable resistance to colistin: a new but old threat: TableÂ1.. Journal of Antimicrobial Chemotherapy, 2016, 71, 2066-2070.	3.0	279
16	Colistin resistance gene mcr-1 in extended-spectrum Î²-lactamase-producing and carbapenemase-producing Gram-negative bacteria in Germany. Lancet Infectious Diseases, The, 2016, 16, 282-283.	9.1	271
17	Characterization of methicillin-resistant Staphylococcus aureus ST398 from cases of bovine mastitis. Journal of Antimicrobial Chemotherapy, 2010, 65, 619-625.	3.0	251
18	Carbapenem-resistant Enterobacteriaceae in wildlife, food-producing, and companion animals: a systematic review. Clinical Microbiology and Infection, 2018, 24, 1241-1250.	6.0	231

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19	Presence and dissemination of the multiresistance gene cfr in Gram-positive and Gram-negative bacteria. Journal of Antimicrobial Chemotherapy, 2013, 68, 1697-1706.	3.0	226
20	Diversity of Tetracycline Resistance Genes in Bacteria from Chilean Salmon Farms. Antimicrobial Agents and Chemotherapy, 2003, 47, 883-888.	3.2	224
21	Characterization of Methicillin-Resistant Staphylococcus aureus Isolates from Food and Food Products of Poultry Origin in Germany. Applied and Environmental Microbiology, 2011, 77, 7151-7157.	3.1	193
22	Applying definitions for multidrug resistance, extensive drug resistance and pandrug resistance to clinically significant livestock and companion animal bacterial pathogens. Journal of Antimicrobial Chemotherapy, 2018, 73, 1460-1463.	3.0	184
23	Assessing the antimicrobial susceptibility of bacteria obtained from animals. Veterinary Microbiology, 2010, 141, 1-4.	1.9	176
24	Antimicrobial resistance of coagulase-negative staphylococci from bovine subclinical mastitis with particular reference to macrolideâ€“lincosamide resistance phenotypes and genotypes. Journal of Antimicrobial Chemotherapy, 2006, 57, 966-969.	3.0	151
25	Diversity of antimicrobial resistance pheno- and genotypes of methicillin-resistant Staphylococcus aureus ST398 from diseased swine. Journal of Antimicrobial Chemotherapy, 2009, 64, 1156-1164.	3.0	146
26	Tetracycline and Phenicol Resistance Genes and Mechanisms: Importance for Agriculture, the Environment, and Humans. Journal of Environmental Quality, 2016, 45, 576-592.	2.0	144
27	Genetic environment of the transferable oxazolidinone/phenicol resistance gene<i>optrA</i>in<i>Enterococcus faecalis</i>isolates of human and animal origin. Journal of Antimicrobial Chemotherapy, 2016, 71, 1466-1473.	3.0	134
28	Whole genome analyses of CMY-2-producing Escherichia coli isolates from humans, animals and food in Germany. BMC Genomics, 2018, 19, 601.	2.8	128
29	Host range of the ermF rRNA methylase gene in bacteria of human and animal origin. Journal of Antimicrobial Chemotherapy, 1999, 43, 5-14.	3.0	123
30	Characterization of Antibiotic and Biocide Resistance Genes and Virulence Factors of Staphylococcus Species Associated with Bovine Mastitis in Rwanda. Antibiotics, 2020, 9, 1.	3.7	120
31	Subgrouping of ESBL-producing Escherichia coli from animal and human sources: An approach to quantify the distribution of ESBL types between different reservoirs. International Journal of Medical Microbiology, 2014, 304, 805-816.	3.6	119
32	First Report of the Multidrug Resistance Genecfrin Enterococcus faecalis of Animal Origin. Antimicrobial Agents and Chemotherapy, 2012, 56, 1650-1654.	3.2	118
33	ICEPmu1, an integrative conjugative element (ICE) of Pasteurella multocida: analysis of the regions that comprise 12 antimicrobial resistance genes. Journal of Antimicrobial Chemotherapy, 2012, 67, 84-90.	3.0	117
34	Co-location of the oxazolidinone resistance genes<i>optrA</i>and<i>cfr</i>on a multiresistance plasmid from<i>Staphylococcus sciuri</i>. Journal of Antimicrobial Chemotherapy, 2016, 71, 1474-1478.	3.0	113
35	IS 21-558 Insertion Sequences Are Involved in the Mobility of the Multiresistance Gene cfr. Antimicrobial Agents and Chemotherapy, 2007, 51, 483-487.	3.2	111
36	The ecological importance of the Staphylococcus sciuri species group as a reservoir for resistance and virulence genes. Veterinary Microbiology, 2014, 171, 342-356.	1.9	109

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37	ICEPmu1, an integrative conjugative element (ICE) of Pasteurella multocida: structure and transfer. Journal of Antimicrobial Chemotherapy, 2012, 67, 91-100.	3.0	108
38	Comparative Analysis of ESBL-Positive Escherichia coli Isolates from Animals and Humans from the UK, The Netherlands and Germany. PLoS ONE, 2013, 8, e75392.	2.5	106
39	The diversity of antimicrobial resistance genes among staphylococci of animal origin. International Journal of Medical Microbiology, 2013, 303, 338-349.	3.6	104
40	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. Journal of Antimicrobial Chemotherapy, 2018, 73, 2625-2630.	3.0	101
41	Tetracycline resistance in Staphylococcus spp. from domestic animals. Veterinary Microbiology, 1998, 63, 217-227.	1.9	100
42	Methicillin-resistant Staphylococcus pseudintermedius among dogs admitted to a small animal hospital. Veterinary Microbiology, 2011, 150, 191-197.	1.9	98
43	Nucleotide sequence and organization of the multiresistance plasmid pSCFS1 from Staphylococcus sciuri. Journal of Antimicrobial Chemotherapy, 2004, 54, 936-939.	3.0	95
44	Mobile Oxazolidinone Resistance Genes in Gram-Positive and Gram-Negative Bacteria. Clinical Microbiology Reviews, 2021, 34, e0018820.	13.6	95
45	Mobile genes coding for efflux-mediated antimicrobial resistance in Gram-positive and Gram-negative bacteria. International Journal of Antimicrobial Agents, 2003, 22, 205-210.	2.5	94
46	Identification and Characterization of the Multidrug Resistance Gene <i>cfr</i> in a Panton-Valentine Leukocidin-Positive Sequence Type 8 Methicillin-Resistant <i>Staphylococcus aureus</i> IVa (USA300) Isolate. Antimicrobial Agents and Chemotherapy, 2010, 54, 4978-4984.	3.2	91
47	Enterococcal isolates carrying the novel oxazolidinone resistance gene optrA from hospitals in Zhejiang, Guangdong, and Henan, China, 2010â€“2014. Clinical Microbiology and Infection, 2015, 21, 1095.e1-1095.e4.	6.0	89
48	Evidence for Human Adaptation and Foodborne Transmission of Livestock-Associated Methicillin-Resistant<i>Staphylococcus aureus</i>: Table 1.. Clinical Infectious Diseases, 2016, 63, 1349-1352.	5.8	89
49	Distribution of the Multidrug Resistance Gene <i>cfr</i> in Staphylococcus Species Isolates from Swine Farms in China. Antimicrobial Agents and Chemotherapy, 2012, 56, 1485-1490.	3.2	88
50	Florfenicol-Chloramphenicol Exporter Gene fexA Is Part of the Novel Transposon Tn 558. Antimicrobial Agents and Chemotherapy, 2005, 49, 813-815.	3.2	87
51	Novel ABC Transporter Gene, <i>vga</i> (C), Located on a Multiresistance Plasmid from a Porcine Methicillin-Resistant <i>Staphylococcus aureus</i> ST398 Strain. Antimicrobial Agents and Chemotherapy, 2009, 53, 3589-3591.	3.2	85
52	Inter-host Transmission of Carbapenemase-Producing <i>Escherichia coli</i> among Humans and Backyard Animals. Environmental Health Perspectives, 2019, 127, 107009.	6.0	85
53	Novel <i>erm</i> (T)-Carrying Multiresistance Plasmids from Porcine and Human Isolates of Methicillin-Resistant Staphylococcus aureus ST398 That Also Harbor Cadmium and Copper Resistance Determinants. Antimicrobial Agents and Chemotherapy, 2013, 57, 3275-3282.	3.2	83
54	The enterococcal ABC transporter gene lsa(E) confers combined resistance to lincosamides, pleuromutilins and streptogramin A antibiotics in methicillin-susceptible and methicillin-resistant Staphylococcus aureus. Journal of Antimicrobial Chemotherapy, 2013, 68, 473-475.	3.0	80

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55	Genotyping of Staphylococcus aureus isolates from diseased poultry. Veterinary Microbiology, 2013, 162, 806-812.	1.9	80
56	Detection and new genetic environment of the pleuromutilin-lincosamide-streptogramin A resistance gene lsa(E) in methicillin-resistant Staphylococcus aureus of swine origin. Journal of Antimicrobial Chemotherapy, 2013, 68, 1251-1255.	3.0	80
57	Lincosamides, Streptogramins, Phenicols, and Pleuromutilins: Mode of Action and Mechanisms of Resistance. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a027037.	6.2	79
58	Transferable Multiresistance Plasmids Carrying <i>cfr</i> in Enterococcus spp. from Swine and Farm Environment. Antimicrobial Agents and Chemotherapy, 2013, 57, 42-48.	3.2	78
59	Characterization of methicillin-resistant Staphylococcus aureus CC398 obtained from humans and animals on dairy farms. Veterinary Microbiology, 2012, 160, 77-84.	1.9	77
60	Novel Florfenicol and Chloramphenicol Resistance Gene Discovered in Alaskan Soil by Using Functional Metagenomics. Applied and Environmental Microbiology, 2010, 76, 5321-5326.	3.1	76
61	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.	7.7	76
62	Transmission of methicillin-resistant Staphylococcus aureus strains between humans and dogs: two case reports. Journal of Antimicrobial Chemotherapy, 2009, 64, 660-662.	3.0	74
63	Bacterial resistance to antimicrobial agents and its impact on veterinary and human medicine. Veterinary Dermatology, 2017, 28, 82.	1.2	74
64	First Report of the Multiresistance Gene <i>cfr</i> in Streptococcus suis. Antimicrobial Agents and Chemotherapy, 2013, 57, 4061-4063.	3.2	71
65	Occurrence and linkage of genes coding for resistance to sulfonamides, streptomycin and chloramphenicol in bacteria of the genera Pasteurella and Mannheimia. FEMS Microbiology Letters, 2001, 205, 283-290.	1.8	70
66	In Vitro Activities of Florfenicol against Bovine and Porcine Respiratory Tract Pathogens. Antimicrobial Agents and Chemotherapy, 2003, 47, 2703-2705.	3.2	70
67	Nucleotide sequence and phylogeny of the tet(L) tetracycline resistance determinant encoded by plasmid pSTE1 from Staphylococcus hyicus. Antimicrobial Agents and Chemotherapy, 1992, 36, 580-588.	3.2	69
68	Identification of a Plasmid-Borne Resistance Gene Cluster Comprising the Resistance Genes <i>erm</i> (T), <i>dfrK</i> , and <i>tet</i> (L) in a Porcine Methicillin-Resistant <i>Staphylococcus aureus</i> ST398 Strain. Antimicrobial Agents and Chemotherapy, 2010, 54, 915-918.	3.2	69
69	A novel phenicol exporter gene, fexB, found in enterococci of animal origin. Journal of Antimicrobial Chemotherapy, 2012, 67, 322-325.	3.0	69
70	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.	3.0	69
71	Farm animals and aquaculture: significant reservoirs of mobile colistin resistance genes. Environmental Microbiology, 2020, 22, 2469-2484.	3.8	68
72	Molecular analysis of methicillin-resistant Staphylococcus pseudintermedius of feline origin from different European countries and North America. Journal of Antimicrobial Chemotherapy, 2010, 65, 1826-1828.	3.0	67

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73	Antimicrobial resistance of <i>Staphylococcus pseudintermedius</i>. Veterinary Dermatology, 2012, 23, 276.	1.2	67
74	Identification and characterization of nine novel types of small staphylococcal plasmids carrying the lincosamide nucleotidyltransferase gene lnu(A). Journal of Antimicrobial Chemotherapy, 2007, 59, 600-606.	3.0	66
75	Emergence of Antimicrobial-Resistant<i>Escherichia coli</i>of Animal Origin Spreading in Humans. Molecular Biology and Evolution, 2016, 33, 898-914.	8.9	65
76	Detection of the staphylococcal multiresistance gene cfr in Proteus vulgaris of food animal origin. Journal of Antimicrobial Chemotherapy, 2011, 66, 2521-2526.	3.0	64
77	Tetracycline resistance genes in isolates of Pasteurella multocida, Mannheimia haemolytica, Mannheimia glucosida and Mannheimia varigena from bovine and swine respiratory disease: intergeneric spread of the tet(H) plasmid pMHT1. Journal of Antimicrobial Chemotherapy, 2001, 48, 631-640.	3.0	63
78	Molecular basis of resistance to macrolides and lincosamides among staphylococci and streptococci from various animal sources collected in the resistance monitoring program BfT-GermVet. International Journal of Antimicrobial Agents, 2007, 29, 528-535.	2.5	63
79	Methicillin-susceptible Staphylococcus aureus ST398-t571 harbouring the macrolide-lincosamide-streptogramin B resistance gene erm(T) in Belgian hospitals. Journal of Antimicrobial Chemotherapy, 2011, 66, 2455-2459.	3.0	62
80	Detection of the staphylococcal multiresistance gene cfr in Escherichia coli of domestic-animal origin. Journal of Antimicrobial Chemotherapy, 2012, 67, 1094-1098.	3.0	62
81	Characterization of Epidemic IncI1-IÎ³ Plasmids Harboring Ambler Class A and C Genes in Escherichia coli and Salmonella enterica from Animals and Humans. Antimicrobial Agents and Chemotherapy, 2015, 59, 5357-5365.	3.2	62
82	Characterization of pig-associated methicillin-resistant Staphylococcus aureus. Veterinary Microbiology, 2017, 201, 183-187.	1.9	62
83	Small plasmids carrying vga(A) or vga(C) genes mediate resistance to lincosamides, pleuromutilins and streptogramin A antibiotics in methicillin-resistant Staphylococcus aureus ST398 from swine. Journal of Antimicrobial Chemotherapy, 2010, 65, 2692-2693.	3.0	60
84	Analysis and comparative genomics of ICEMh1, a novel integrative and conjugative element (ICE) of Mannheimia haemolytica. Journal of Antimicrobial Chemotherapy, 2015, 70, 93-97.	3.0	59
85	Characterization of the IncA/C plasmid pSCEC2 from Escherichia coli of swine origin that harbours the multiresistance gene cfr. Journal of Antimicrobial Chemotherapy, 2014, 69, 385-389.	3.0	58
86	Prevalence and Genetic Analysis of <i>mcr-3</i> -Positive Aeromonas Species from Humans, Retail Meat, and Environmental Water Samples. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	58
87	Analysis of a poxtA- and optrA-co-carrying conjugative multiresistance plasmid from Enterococcus faecalis. Journal of Antimicrobial Chemotherapy, 2019, 74, 1771-1775.	3.0	58
88	Resistance gene naming and numbering: is it a new gene or not?. Journal of Antimicrobial Chemotherapy, 2016, 71, 569-571.	3.0	57
89	Structural Alterations in the Translational Attenuator of Constitutively Expressed <i>ermC</i> Genes. Antimicrobial Agents and Chemotherapy, 1999, 43, 1681-1685.	3.2	56
90	Antibiotic resistance profiles of coagulase-negative staphylococci in livestock environments. Veterinary Microbiology, 2017, 200, 79-87.	1.9	55

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91	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.	3.0	55
92	Detection of plasmid-borne extended-spectrum Î²-lactamase (ESBL) genes in Escherichia coli isolates from bovine mastitis. Veterinary Microbiology, 2017, 200, 151-156.	1.9	53
93	Novel Apramycin Resistance Gene <i>apmA</i> in Bovine and Porcine Methicillin-Resistant <i>Staphylococcus aureus</i> ST398 Isolates. Antimicrobial Agents and Chemotherapy, 2011, 55, 373-375.	3.2	52
94	Resistance phenotypes and genotypes of methicillin-resistant Staphylococcus aureus isolates from broiler chickens at slaughter and abattoir workers. Journal of Antimicrobial Chemotherapy, 2013, 68, 2458-2463.	3.0	52
95	Evidence of Evolving Extraintestinal EnteroaggregativeEscherichia coliST38 Clone. Emerging Infectious Diseases, 2014, 20, 1935-1937.	4.3	51
96	dfrA20 , a Novel Trimethoprim Resistance Gene from Pasteurella multocida. Antimicrobial Agents and Chemotherapy, 2005, 49, 414-417.	3.2	50
97	Mechanisms of Bacterial Resistance to Antimicrobial Agents. Microbiology Spectrum, 2018, 6, .	3.0	50
98	Multidrug resistance gene cfr in methicillin-resistant coagulase-negative staphylococci from chickens, ducks, and pigs in China. International Journal of Medical Microbiology, 2013, 303, 84-87.	3.6	49
99	Biofilm Morphotypes and Population Structure among Staphylococcus epidermidis from Commensal and Clinical Samples. PLoS ONE, 2016, 11, e0151240.	2.5	49
100	Presence of the <i>optrA</i> Gene in Methicillin-Resistant Staphylococcus sciuri of Porcine Origin. Antimicrobial Agents and Chemotherapy, 2016, 60, 7200-7205.	3.2	48
101	<i>mcr-1</i> in <i>Enterobacteriaceae</i> from Companion Animals, Beijing, China, 2012â€“2016. Emerging Infectious Diseases, 2017, 23, 710-711.	4.3	48
102	A Core Genome Multilocus Sequence Typing Scheme for Enterococcus faecalis. Journal of Clinical Microbiology, 2019, 57, .	3.9	47
103	Investigation of a multiresistance gene cfr that fails to mediate resistance to phenicols and oxazolidinones in Enterococcus faecalis. Journal of Antimicrobial Chemotherapy, 2014, 69, 892-898.	3.0	46
104	Tetracycline resistance genes in staphylococci from the skin of pigs. Journal of Applied Bacteriology, 1994, 76, 320-326.	1.1	45
105	Molecular basis of resistance to trimethoprim, chloramphenicol and sulphonamides in Bordetella bronchiseptica. Journal of Antimicrobial Chemotherapy, 2005, 56, 485-490.	3.0	45
106	Plasmidâ€mediated resistance to protein biosynthesis inhibitors in staphylococci. Annals of the New York Academy of Sciences, 2011, 1241, 82-103.	3.8	45
107	Complete nucleotide sequence of a small qnrS1-carrying plasmid from Salmonella enterica subsp. enterica Typhimurium DT193. Journal of Antimicrobial Chemotherapy, 2007, 60, 903-905.	3.0	44
108	Improved identification including MALDI-TOF mass spectrometry analysis of group D streptococci from bovine mastitis and subsequent molecular characterization of corresponding Enterococcus faecalis and Enterococcus faecium isolates. Veterinary Microbiology, 2012, 160, 162-169.	1.9	44

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109	Extended-spectrum Î²-lactamase (ESBL)-producing Escherichia coli isolates collected from diseased food-producing animals in the GERM-Vet monitoring program 2008â€"2014. Veterinary Microbiology, 2017, 200, 142-150.	1.9	44
110	Occurrence and characterisation of ESBL-encoding plasmids among Escherichia coli isolates from fresh vegetables. Veterinary Microbiology, 2018, 219, 63-69.	1.9	44
111	Detection of the staphylococcal multiresistance gene cfr in Macrococcus caseolyticus and Jeotgalicoccus pinnipedialis. Journal of Antimicrobial Chemotherapy, 2012, 67, 1824-1827.	3.0	43
112	Antimicrobial Resistance in <i>Pasteurellaceae</i> of Veterinary Origin. Microbiology Spectrum, 2018, 6, .	3.0	43
113	Cfr-Mediated Linezolid-Resistance among Methicillin-Resistant Coagulase-Negative Staphylococci from Infections of Humans. PLoS ONE, 2013, 8, e57096.	2.5	42
114	Occurrence of cfr-mediated multiresistance in staphylococci from veal calves and pigs, from humans at the corresponding farms, and from veterinarians and their family members. Veterinary Microbiology, 2017, 200, 88-94.	1.9	42
115	Mobile macrolide resistance genes in staphylococci. Plasmid, 2018, 99, 2-10.	1.4	42
116	Molecular analysis of naturally occurringermC-encoding plasmids in staphylococci isolated from animals with and without previous contact with macrolide/lincosamide antibiotics. FEMS Immunology and Medical Microbiology, 1997, 18, 7-15.	2.7	41
117	Staphylococcus sciuri Gene erm (33), Encoding Inducible Resistance to Macrolides, Lincosamides, and Streptogramin B Antibiotics, Is a Product of Recombination between erm (C) and erm (A). Antimicrobial Agents and Chemotherapy, 2002, 46, 3621-3623.	3.2	41
118	Detection of the novel vga(E) gene in methicillin-resistant Staphylococcus aureus CC398 isolates from cattle and poultry. Journal of Antimicrobial Chemotherapy, 2012, 67, 503-504.	3.0	41
119	Distribution of optrA and cfr in florfenicol-resistant Staphylococcus sciuri of pig origin. Veterinary Microbiology, 2017, 210, 43-48.	1.9	41
120	Antimicrobial Resistance among Staphylococci of Animal Origin. Microbiology Spectrum, 2018, 6, .	3.0	41
121	Methicillin-resistant Staphylococcus aureus (MRSA) and methicillin-resistant Staphylococcus pseudintermedius (MRSP) among employees and in the environment of a small animal hospital. Veterinary Microbiology, 2018, 221, 153-158.	1.9	41
122	Dissemination of a pSCFS3-Like <i>cfr</i> -Carrying Plasmid in Staphylococcus aureus and Staphylococcus epidermidis Clinical Isolates Recovered from Hospitals in Ohio. Antimicrobial Agents and Chemotherapy, 2013, 57, 2923-2928.	3.2	40
123	A role for ColV plasmids in the evolution of pathogenic Escherichia coli ST58. Nature Communications, 2022, 13, 683.	12.8	40
124	The impact of zoonotic MRSA colonization and infection in Germany. Berliner Und Munchener Tierarztliche Wochenschrift, 2014, 127, 384-98.	0.7	40
125	Tn <i>6674</i> Is a Novel Enterococcal <i>optrA</i> -Carrying Multiresistance Transposon of the Tn <i>554</i> Family. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	39
126	Molecular characterization of ketolide-resistant erm(A)-carrying Staphylococcus aureus isolates selected in vitro by telithromycin, ABT-773, quinupristin and clindamycin. Journal of Antimicrobial Chemotherapy, 2002, 49, 611-617.	3.0	38

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127	Identification of the novel spectinomycin resistance gene spw in methicillin-resistant and methicillin-susceptible Staphylococcus aureus of human and animal origin. Journal of Antimicrobial Chemotherapy, 2013, 68, 1679-1680.	3.0	38
128	Identification of Multiresistance Genecfrin Methicillin-Resistant Staphylococcus aureus from Pigs: Plasmid Location and Integration into a Staphylococcal Cassette ChromosomemecComplex. Antimicrobial Agents and Chemotherapy, 2015, 59, 3641-3644.	3.2	38
129	Plasmids of Diverse Inc Groups Disseminate the Fosfomycin Resistance Gene <i>fosA3</i> among Escherichia coli Isolates from Pigs, Chickens, and Dairy Cows in Northeast China. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	38
130	A prophage and two ICESa2603-family integrative and conjugative elements (ICEs) carrying optrA in Streptococcus suis. Journal of Antimicrobial Chemotherapy, 2019, 74, 2876-2879.	3.0	38
131	Characterization of mecC gene-carrying coagulase-negative Staphylococcus spp. isolated from various animals. Veterinary Microbiology, 2019, 230, 138-144.	1.9	38
132	First Report of <i>cfr</i> -Carrying Plasmids in the Pandemic Sequence Type 22 Methicillin-Resistant Staphylococcus aureus Staphylococcal Cassette Chromosome <i>mec</i> Type IV Clone. Antimicrobial Agents and Chemotherapy, 2016, 60, 3007-3015.	3.2	37
133	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.	1.9	37
134	Faecal carriage of optrA-positive enterococci in asymptomatic healthy humans in Hangzhou, China. Clinical Microbiology and Infection, 2019, 25, 630.e1-630.e6.	6.0	37
135	The Genetic Environment of the <i>cfr</i> Gene and the Presence of Other Mechanisms Account for the Very High Linezolid Resistance of Staphylococcus epidermidis Isolate 426-3147L. Antimicrobial Agents and Chemotherapy, 2013, 57, 1173-1179.	3.2	36
136	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, 257-261.	3.6	36
137	Genetic environment of colistin resistance genes mcr-1 and mcr-3 in Escherichia coli from one pig farm in China. Veterinary Microbiology, 2019, 230, 56-61.	1.9	36
138	Outcome of Different Sequencing and Assembly Approaches on the Detection of Plasmids and Localization of Antimicrobial Resistance Genes in Commensal Escherichia coli. Microorganisms, 2021, 9, 598.	3.6	36
139	New Plasmid-Borne Antibiotic Resistance Gene Cluster in Pasteurella multocida. Antimicrobial Agents and Chemotherapy, 2003, 47, 2978-2980.	3.2	35
140	Methicillin-resistant Staphylococcus aureus ST9 from a case of bovine mastitis carries the genes cfr and erm(A) on a small plasmid. Journal of Antimicrobial Chemotherapy, 2012, 67, 1287-1289.	3.0	35
141	Identification of ABC transporter genes conferring combined pleuromutilinâ€"lincosamideâ€"streptogramin A resistance in bovine methicillin-resistant Staphylococcus aureus and coagulase-negative staphylococci. Veterinary Microbiology, 2015, 177, 353-358.	1.9	35
142	Streptomycin and Chloramphenicol Resistance Genes inEscherichia coliIsolates from Cattle, Pigs, and Chicken in Kenya. Microbial Drug Resistance, 2007, 13, 62-68.	2.0	34
143	Distinct increase in antimicrobial resistance genes among Escherichia coli during 50 years of antimicrobial use in livestock production in China. Nature Food, 2022, 3, 197-205.	14.0	34
144	Studies on the mechanisms of Î²-lactam resistance in Bordetella bronchiseptica. Journal of Antimicrobial Chemotherapy, 2007, 59, 396-402.	3.0	33

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145	Identification of a novel vga(E) gene variant that confers resistance to pleuromutilins, lincosamides and streptogramin A antibiotics in staphylococci of porcine origin. Journal of Antimicrobial Chemotherapy, 2014, 69, 919-923.	3.0	33
146	Molecular analysis of florfenicol-resistant Pasteurella multocida isolates in Germany. Journal of Antimicrobial Chemotherapy, 2008, 62, 951-955.	3.0	32
147	Clonal diversity, virulence patterns and antimicrobial and biocide susceptibility among human, animal and environmental MRSA in Portugal. Journal of Antimicrobial Chemotherapy, 2015, 70, 2483-2487.	3.0	32
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