Mark A Toleman

List of Publications by Year in descending order

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47006 31849 13,299 107 47 101 citations h-index g-index papers 111 111 111 10648 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Effective phage cocktail to combat the rising incidence of extensively drug-resistant <i>Klebsiella pneumoniae</i> sequence type 16. Emerging Microbes and Infections, 2022, 11, 1015-1023.	6.5	9
2	BKC-2, a New BKC Variant Detected in MCR-9.1-Producing Enterobacter hormaechei subsp. xiangfangensis. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	8
3	Complete Genome Sequence of the Virulent Klebsiella pneumoniae Phage Geezett Infecting Multidrug-Resistant Clinical Strains. Microbiology Resource Announcements, 2021, 10, e0068521.	0.6	1
4	Human carriage of cefotaxime-resistant Escherichia coli in North-East India: an analysis of STs and associated resistance mechanisms. Journal of Antimicrobial Chemotherapy, 2020, 75, 72-76.	3.0	15
5	Clinical and Molecular Description of a High-Copy IncQ1 KPC-2 Plasmid Harbored by the International ST15 Klebsiella pneumoniae Clone. MSphere, 2020, 5, .	2.9	19
6	Clinical utilization of bacteriophages: a new perspective to combat the antimicrobial resistance in Brazil. Brazilian Journal of Infectious Diseases, 2020, 24, 239-246.	0.6	6
7	Detection of BKC-1 in Citrobacter freundii: A clue to mobilisation in an IncQ1 plasmid carrying blaBKC-1. International Journal of Antimicrobial Agents, 2020, 56, 106042.	2.5	9
8	Fate of antibiotic resistant E. coli and antibiotic resistance genes during full scale conventional and advanced anaerobic digestion of sewage sludge. PLoS ONE, 2020, 15, e0237283.	2.5	18
9	The present danger of New Delhi metallo-β-lactamase: a threat to public health. Future Microbiology, 2020, 15, 1759-1778.	2.0	16
10	Title is missing!. , 2020, 15, e0237283.		0
11	Title is missing!. , 2020, 15, e0237283.		0
12	Title is missing!. , 2020, 15, e0237283.		0
13	Title is missing!. , 2020, 15, e0237283.		0
14	Dissemination of genetically diverse NDM-1, -5, -7 producing-Gram-negative pathogens isolated from pediatric patients in Pakistan. Future Microbiology, 2019, 14, 691-704.	2.0	32
15	Extended-spectrum Î ² -lactamase-producing Escherichia coli in human-derived and foodchain-derived samples from England, Wales, and Scotland: an epidemiological surveillance and typing study. Lancet Infectious Diseases, The, 2019, 19, 1325-1335.	9.1	150
16	OXA-1 \hat{l}^2 -lactamase and non-susceptibility to penicillin/ \hat{l}^2 -lactamase inhibitor combinations among ESBL-producing <i>Escherichia coli</i> . Journal of Antimicrobial Chemotherapy, 2019, 74, 326-333.	3.0	91
17	Emergence of mcr-1 mediated colistin resistant Escherichia coli from a hospitalized patient in Bangladesh. Journal of Infection in Developing Countries, 2019, 13, 773-776.	1.2	7
18	Analysis of Escherichia coli STs and resistance mechanisms in sewage from Islamabad, Pakistan indicates a difference in E. coli carriage types between South Asia and Europe. Journal of Antimicrobial Chemotherapy, 2018, 73, 1781-1785.	3.0	19

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19	Direct in Gel Genomic Detection of Antibiotic Resistance Genes in S1 Pulsed Field Electrophoresis Gels. Methods in Molecular Biology, 2018, 1736, 129-136.	0.9	8
20	<i>In vitro</i> and <i>in vivo</i> activity of Manuka honey against NDM-1-producing <i>Klebsiella pneumoniae</i> ST11. Future Microbiology, 2018, 13, 13-26.	2.0	34
21	First identification of clinical isolate of a Novel "NDM-4―producing Escherichia coli ST405 from urine sample in Pakistan. Brazilian Journal of Microbiology, 2018, 49, 949-950.	2.0	12
22	High Prevalence of Intra-Familial Co-colonization by Extended-Spectrum Cephalosporin Resistant Enterobacteriaceae in Preschool Children and Their Parents in Dutch Households. Frontiers in Microbiology, 2018, 9, 293.	3.5	11
23	The Future of Peritoneal Dialysis in a Moving Landscape of Bacterial Resistance. Peritoneal Dialysis International, 2017, 37, 134-140.	2.3	7
24	Horizontal transfer of the blaNDM-1 gene to Pseudomonas aeruginosa and Acinetobacter baumannii in biofilms. FEMS Microbiology Letters, 2017, 364, .	1.8	35
25	Genetic & Coli from nosocomial & Coli from no	1.9	8
26	Unconventional Human T Cells Accumulate at the Site of Infection in Response to Microbial Ligands and Induce Local Tissue Remodeling. Journal of Immunology, 2016, 197, 2195-2207.	0.8	42
27	World Health Organization Ranking of Antimicrobials According to Their Importance in Human Medicine: A Critical Step for Developing Risk Management Strategies to Control Antimicrobial Resistance From Food Animal Production. Clinical Infectious Diseases, 2016, 63, 1087-1093.	5.8	230
28	Co-existence of <i>bla</i> _{NDM-1} and <i>bla</i> _{KPC-2} in clinical isolates of <i>Klebsiella pneumoniae</i> from Pakistan. Journal of Chemotherapy, 2016, 28, 346-349.	1.5	23
29	First detection of extended-spectrum cephalosporin- and fluoroquinolone-resistant Escherichia coli in Australian food-producing animals. Journal of Global Antimicrobial Resistance, 2015, 3, 273-277.	2.2	96
30	Extensively Drug-Resistant New Delhi Metallo-β-Lactamase–Encoding Bacteria in the Environment, Dhaka, Bangladesh, 2012. Emerging Infectious Diseases, 2015, 21, 1027-1030.	4.3	57
31	Characterization of Plasmids in Extensively Drug-Resistant Acinetobacter Strains Isolated in India and Pakistan. Antimicrobial Agents and Chemotherapy, 2015, 59, 923-929.	3.2	54
32	Random insertion and gene disruption via transposon mutagenesis of Ureaplasma parvum using a mini-transposon plasmid. International Journal of Medical Microbiology, 2014, 304, 1218-1225.	3.6	20
33	The challenge to patient safety by emerging Gram negative pathogens. Journal of Infection and Public Health, 2014, 7, 1-5.	4.1	1
34	Plasmid Carriage of <i>bla</i> _{NDM-1} in Clinical Acinetobacter baumannii Isolates from India. Antimicrobial Agents and Chemotherapy, 2014, 58, 4211-4213.	3.2	63
35	Spread of extensively resistant VIM-2-positive ST235 Pseudomonas aeruginosa in Belarus, Kazakhstan, and Russia: a longitudinal epidemiological and clinical study. Lancet Infectious Diseases, The, 2013, 13, 867-876.	9.1	153
36	Genetic Characterization and Emergence of the Metallo- \hat{l}^2 -Lactamase GIM-1 in Pseudomonas spp. and Enterobacteriaceae during a Long-Term Outbreak. Antimicrobial Agents and Chemotherapy, 2013, 57, 5162-5165.	3.2	46

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37	Identical Miniature Inverted Repeat Transposable Elements Flank Class 1 Integrons in Clinical Isolates of Acinetobacter spp. Journal of Clinical Microbiology, 2013, 51, 2382-2384.	3.9	16
38	Reply to "Genetic Contexts of <i>bla</i> _{NDM-1} ― Antimicrobial Agents and Chemotherapy, 2012, 56, 6071-6071.	3.2	4
39	Plasmid typing and genetic context of AmpC \hat{l}^2 -lactamases in Enterobacteriaceae lacking inducible chromosomal ampC genes: findings from a Spanish hospital 1999 \hat{a} \in "2007. Journal of Antimicrobial Chemotherapy, 2012, 67, 115-122.	3.0	53
40	<i>bla</i> _{NDM-1} Is a Chimera Likely Constructed in Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2012, 56, 2773-2776.	3.2	122
41	Genetic and Biochemical Characterization of an Acquired Subgroup B3 Metallo- \hat{l}^2 -Lactamase Gene, <i>bla</i> _{AlM-1} , and Its Unique Genetic Context in Pseudomonas aeruginosa from Australia. Antimicrobial Agents and Chemotherapy, 2012, 56, 6154-6159.	3.2	83
42	The emergence of pan-resistant Gram-negative pathogens merits a rapid global political response. Journal of Antimicrobial Chemotherapy, 2012, 67, 1-3.	3.0	125
43	Genetic and Biochemical Characterization of a Novel Metallo- \hat{l}^2 -Lactamase, TMB-1, from an Achromobacter xylosoxidans Strain Isolated in Tripoli, Libya. Antimicrobial Agents and Chemotherapy, 2012, 56, 2241-2245.	3.2	53
44	Dissemination of NDM-1 – Authors' reply. Lancet Infectious Diseases, The, 2012, 12, 101-102.	9.1	2
45	Diverse Sequence Types of Klebsiella pneumoniae Contribute to the Dissemination of <i>bla</i> _{NDM-1} in India, Sweden, and the United Kingdom. Antimicrobial Agents and Chemotherapy, 2012, 56, 2735-2738.	3.2	165
46	Does broad-spectrum Â-lactam resistance due to NDM-1 herald the end of the antibiotic era for treatment of infections caused by Gram-negative bacteria?. Journal of Antimicrobial Chemotherapy, 2011, 66, 689-692.	3.0	257
47	Balkan NDM-1: escape or transplant?. Lancet Infectious Diseases, The, 2011, 11, 164.	9.1	58
48	Dissemination of NDM-1 positive bacteria in the New Delhi environment and its implications for human health: an environmental point prevalence study. Lancet Infectious Diseases, The, 2011, 11, 355-362.	9.1	1,045
49	The new medical challenge: why NDM-1? Why Indian?. Expert Review of Anti-Infective Therapy, 2011, 9, 137-141.	4.4	47
50	Molecular characterization of VIM-producing Klebsiella pneumoniae from Scandinavia reveals genetic relatedness with international clonal complexes encoding transferable multidrug resistance. Clinical Microbiology and Infection, 2011, 17, 1811-1816.	6.0	70
51	Association of blaDHA-1 and qnrB genes carried by broad-host-range plasmids among isolates of Enterobacteriaceae at a Spanish hospital. Clinical Microbiology and Infection, 2011, 17, 1514-1517.	6.0	18
52	Combinatorial events of insertion sequences and ICE in Gram-negative bacteria. FEMS Microbiology Reviews, 2011, 35, 912-935.	8.6	164
53	A Promising Target for Treatment of Multidrug-Resistant Bacterial Infections. Antimicrobial Agents and Chemotherapy, 2011, 55, 3635-3636.	3.2	25
54	Prevalence of SXT/R391-like integrative and conjugative elements carrying blaCMY-2 in Proteus mirabilis. Journal of Antimicrobial Chemotherapy, 2011, 66, 2266-2270.	3.0	45

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55	How To Detect NDM-1 Producers. Journal of Clinical Microbiology, 2011, 49, 718-721.	3.9	295
56	Human Neutrophil Clearance of Bacterial Pathogens Triggers Anti-Microbial $\hat{I}^3\hat{I}^*T$ Cell Responses in Early Infection. PLoS Pathogens, 2011, 7, e1002040.	4.7	106
57	IS CR Elements Are Key Players in IncA/C Plasmid Evolution. Antimicrobial Agents and Chemotherapy, 2010, 54, 3534-3534.	3.2	39
58	First Report of the Metallo-Î ² -Lactamase SPM-1 in Europe. Antimicrobial Agents and Chemotherapy, 2010, 54, 582-582.	3.2	63
59	Molecular Epidemiology of Metallo- \hat{l}^2 -Lactamase-Producing <i>Pseudomonas aeruginosa</i> Isolates from Norway and Sweden Shows Import of International Clones and Local Clonal Expansion. Antimicrobial Agents and Chemotherapy, 2010, 54, 346-352.	3.2	136
60	First description of Klebsiella pneumoniae clinical isolates carrying both qnrA and qnrB genes in Portugal. International Journal of Antimicrobial Agents, 2010, 35, 584-586.	2.5	8
61	Emergence of a new antibiotic resistance mechanism in India, Pakistan, and the UK: a molecular, biological, and epidemiological study. Lancet Infectious Diseases, The, 2010, 10, 597-602.	9.1	2,485
62	New Delhi metallo-β-lactamase 1 – Authors' reply. Lancet Infectious Diseases, The, 2010, 10, 752-754.	9.1	8
63	Global spread of New Delhi metallo-Î ² -lactamase 1. Lancet Infectious Diseases, The, 2010, 10, 829-830.	9.1	87
64	Molecular Analysis of the Sequences Surrounding $\langle i \rangle bla \langle i \rangle \langle sub \rangle OXA-45 \langle sub \rangle Reveals Acquisition of This Gene by \langle i \rangle Pseudomonas aeruginosa \langle i \rangle Via a Novel IS \langle i \rangle CR \langle i \rangle Element, IS \langle i \rangle CR5 \langle i \rangle. Antimicrobial Agents and Chemotherapy, 2009, 53, 1248-1251.$	3.2	11
65	The First Metallo- \hat{l}^2 -Lactamase Identified in Norway Is Associated with a TniC-Like Transposon in a Pseudomonas aeruginosa Isolate of Sequence Type 233 Imported from Ghana. Antimicrobial Agents and Chemotherapy, 2009, 53, 331-332.	3.2	26
66	IS <i>CR2</i> , Another Vehicle for <i>bla</i> _{VEB} Gene Acquisition. Antimicrobial Agents and Chemotherapy, 2009, 53, 4940-4943.	3.2	29
67	Characterization of a New Metallo-β-Lactamase Gene, <i>bla</i> _{NDM-1} , and a Novel Erythromycin Esterase Gene Carried on a Unique Genetic Structure in <i>Klebsiella pneumoniae</i> Sequence Type 14 from India. Antimicrobial Agents and Chemotherapy, 2009, 53, 5046-5054.	3.2	2,065
68	Complete Sequence of p07-406, a 24,179-Base-Pair Plasmid Harboring the <i>bla</i> _{VIM-7} Metallo-β-Lactamase Gene in a <i>Pseudomonas aeruginosa</i> Isolate from the United States. Antimicrobial Agents and Chemotherapy, 2008, 52, 3099-3105.	3.2	23
69	Emergence and persistence of integron structures harbouring VIM genes in the Children's Memorial Health Institute, Warsaw, Poland, 1998-2006. Journal of Antimicrobial Chemotherapy, 2008, 63, 269-273.	3.0	37
70	Evolution of the IS <i>CR3</i> Group of IS <i>CR</i> Elements. Antimicrobial Agents and Chemotherapy, 2008, 52, 3789-3791.	3.2	35
71	In vitro activity of fusidic acid and mupirocin against coagulase-positive staphylococci from pets. Journal of Antimicrobial Chemotherapy, 2008, 62, 1301-1304.	3.0	41
72	The impact of national culture on software engineering practices. International Journal of Technology, Policy and Management, 2008, 8, 76.	0.3	8

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73	bla VIM-2-Harboring Integrons Isolated in India, Russia, and the United States Arise from an Ancestral Class 1 Integron Predating the Formation of the 3′ Conserved Sequence. Antimicrobial Agents and Chemotherapy, 2007, 51, 2636-2638.	3.2	48
74	Characterization of an Integron Carrying bla IMP-1 and a New Aminoglycoside Resistance Gene, aac($6\hat{a}$ \in 2)-31, and Its Dissemination among Genetically Unrelated Clinical Isolates in a Brazilian Hospital. Antimicrobial Agents and Chemotherapy, 2007, 51, 2611-2614.	3.2	60
75	bla VIM-2 and bla VIM-7 Carbapenemase-Producing Pseudomonas aeruginosa Isolates Detected in a Tertiary Care Medical Center in the United States: Report from the MYSTIC Program. Journal of Clinical Microbiology, 2007, 45, 614-615.	3.9	34
76	Comment on: Occurrence, prevalence and genetic environment of CTX-M Â-lactamases in Enterobacteriaceae from Indian hospitals. Journal of Antimicrobial Chemotherapy, 2007, 59, 799-800.	3.0	22
77	O492 VIM-2 metallo- \hat{l}^2 -lactamases genes found in Pseudomonas aeruginosa and Acinetobacter spp. from Russia and associated with unusual integrons. International Journal of Antimicrobial Agents, 2007, 29, S106.	2.5	0
78	O493 VIM-2 metallo- $\hat{1}^2$ -lactamase emerges in Pseudomonas aeruginosa isolated from India. International Journal of Antimicrobial Agents, 2007, 29, S107.	2.5	0
79	P1020 Genotypic characterisation of Norwegian Escherichia coli clinical isolates with an AmpC-resistance profile. International Journal of Antimicrobial Agents, 2007, 29, S273.	2.5	0
80	Global Emergence of Trimethoprim/Sulfamethoxazole Resistance in <i>Stenotrophomonas maltophilia</i> Mediated by Acquisition of <i>sul</i> Genes. Emerging Infectious Diseases, 2007, 13, 559-565.	4.3	210
81	IS CR Elements: Novel Gene-Capturing Systems of the 21st Century?. Microbiology and Molecular Biology Reviews, 2006, 70, 296-316.	6.6	529
82	Prevalence and antimicrobial susceptibility patterns among gastroenteritis-causing pathogens recovered in Europe and Latin America and Salmonella isolates recovered from bloodstream infections in North America and Latin America: report from the SENTRY Antimicrobial Surveillance Program (2003). International Journal of Antimicrobial Agents, 2006, 27, 367-375.	2.5	34
83	Analysis of Salmonella spp. with resistance to extended-spectrum cephalosporins and fluoroquinolones isolated in North America and Latin America: report from the SENTRY Antimicrobial Surveillance Program (1997–2004). Diagnostic Microbiology and Infectious Disease, 2006, 54, 13-21.	1.8	49
84	Characterization of fluoroquinolone-resistant β-hemolytic Streptococcus spp. isolated in North America and Europe including the first report of fluoroquinolone-resistant Streptococcus dysgalactiae subspecies equisimilis: Report from the SENTRY Antimicrobial Surveillance Program (1997–2004). Diagnostic Microbiology and Infectious Disease, 2006, 55, 119-127.	1.8	60
85	The IS–business relationship and its implications for performance: An empirical study of South African and Australian organisations. International Journal of Information Management, 2006, 26, 457-468.	17.5	16
86	Process improvement for small firms: An evaluation of the RAPID assessment-based method. Information and Software Technology, 2006, 48, 323-334.	4.4	43
87	Common regions e.g. orf513 and antibiotic resistance: IS91-like elements evolving complex class 1 integrons. Journal of Antimicrobial Chemotherapy, 2006, 58, 1-6.	3.0	105
88	Metallo-β-Lactamases: the Quiet before the Storm?. Clinical Microbiology Reviews, 2005, 18, 306-325.	13.6	1,283
89	Emerging Metalloâ€Î²â€Lactamase–Mediated Resistances: A Summary Report from the Worldwide SENTRY Antimicrobial Surveillance Program. Clinical Infectious Diseases, 2005, 41, S276-S278.	5.8	72
90	Italian metallo- \hat{l}^2 -lactamases: a national problem? Report from the SENTRY Antimicrobial Surveillance Programme. Journal of Antimicrobial Chemotherapy, 2005, 55, 61-70.	3.0	83

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91	Characterization of a carbapenemase-producing clinical isolate of Bacteroides fragilis in Scandinavia: Genetic analysis of a unique insertion sequence. Scandinavian Journal of Infectious Diseases, 2005, 37, 676-679.	1.5	9
92	Evolution and dissemination of extended-spectrum β-lactamase-producing Klebsiella pneumoniae: Epidemiology and molecular report from the SENTRY Antimicrobial Surveillance Program (1997–2003). Diagnostic Microbiology and Infectious Disease, 2005, 51, 1-7.	1.8	40
93	Dissemination and diversity of metallo- \hat{l}^2 -lactamases in Latin America: report from the SENTRY Antimicrobial Surveillance Program. International Journal of Antimicrobial Agents, 2005, 25, 57-61.	2.5	93
94	Pseudomonas aeruginosa strains harbouring an unusual blaVIM-4 gene cassette isolated from hospitalized children in Poland (1998-2001). Journal of Antimicrobial Chemotherapy, 2004, 53, 451-456.	3.0	62
95	bla VIM-7 , an Evolutionarily Distinct Metallo- \hat{l}^2 -Lactamase Gene in a Pseudomonas aeruginosa Isolate from the United States. Antimicrobial Agents and Chemotherapy, 2004, 48, 329-332.	3.2	129
96	First Isolation of bla VIM-2 in Latin America: Report from the SENTRY Antimicrobial Surveillance Program. Antimicrobial Agents and Chemotherapy, 2004, 48, 1433-1434.	3.2	45
97	Molecular Characterization of a \hat{l}^2 -Lactamase Gene, bla GIM-1 , Encoding a New Subclass of Metallo- \hat{l}^2 -Lactamase. Antimicrobial Agents and Chemotherapy, 2004, 48, 4654-4661.	3.2	236
98	Integron Carrying a Novel Metallo- \hat{l}^2 -Lactamase Gene, bla IMP-16, and a Fused Form of Aminoglycoside-Resistant Gene aac($\hat{l}\hat{a}\hat{l}\hat{l}\hat{l}\hat{l}\hat{l}\hat{l}\hat{l}\hat{l}\hat{l}l$	e 3.2	86
99	Evaluation of the contemporary occurrence rates of metallo-β-lactamases in multidrug-resistant Gram-negative bacilli in Japan: Report from the SENTRY Antimicrobial Surveillance Program (1998–2002). Diagnostic Microbiology and Infectious Disease, 2004, 49, 289-294.	1.8	27
100	Salmonella bloodstream infections: report from the SENTRY Antimicrobial Surveillance Program (1997–2001). International Journal of Antimicrobial Agents, 2003, 22, 395-405.	2.5	21
101	Genetic characterization of a novel metallo-Â-lactamase gene, blaIMP-13, harboured by a novel Tn5051-type transposon disseminating carbapenemase genes in Europe: report from the SENTRY worldwide antimicrobial surveillance programme. Journal of Antimicrobial Chemotherapy, 2003, 52, 583-590.	3.0	81
102	Molecular and Biochemical Characterization of OXA-45, an Extended-Spectrum Class 2d′ β-Lactamase in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2003, 47, 2859-2863.	3.2	47
103	Evolution of an integron carrying blaVIM-2 in Eastern Europe: report from the SENTRY Antimicrobial Surveillance Program. Journal of Antimicrobial Chemotherapy, 2003, 52, 116-119.	3.0	58
104	Biochemical Characterization of the Acquired Metallo- \hat{l}^2 -Lactamase SPM-1 from Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2003, 47, 582-587.	3.2	66
105	Molecular characterization of SPM-1, a novel metallo-beta-lactamase isolated in Latin America: report from the SENTRY antimicrobial surveillance programme. Journal of Antimicrobial Chemotherapy, 2002, 50, 673-679.	3.0	277
106	Expression of pathogen-like Opa adhesins in commensal Neisseria: genetic and functional analysis. Cellular Microbiology, 2001, 3, 33-44.	2.1	60
107	The variable P5 proteins of typeable and non-typeable Haemophilus influenzae target human CEACAM1. Molecular Microbiology, 2001, 39, 850-862.	2.5	105