

Anthony M Smith

List of Publications by Year in descending order

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59
papers

3,029
citations

218677

26
h-index

168389

53
g-index

60
all docs

60
docs citations

60
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogeographical analysis of the dominant multidrug-resistant H58 clade of Salmonella Typhi identifies inter- and intracontinental transmission events. <i>Nature Genetics</i> , 2015, 47, 632-639.	21.4	403
2	PulseNet International: Vision for the implementation of whole genome sequencing (WGS) for global food-borne disease surveillance. <i>Eurosurveillance</i> , 2017, 22, .	7.0	307
3	Intercontinental dissemination of azithromycin-resistant shigellosis through sexual transmission: a cross-sectional study. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 913-921.	9.1	204
4	Distinct Salmonella Enteritidis lineages associated with enterocolitis in high-income settings and invasive disease in low-income settings. <i>Nature Genetics</i> , 2016, 48, 1211-1217.	21.4	191
5	Outbreak of <i>Listeria monocytogenes</i> in South Africa, 2017–2018: Laboratory Activities and Experiences Associated with Whole-Genome Sequencing Analysis of Isolates. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 524-530.	1.8	142
6	Outbreak of Listeriosis in South Africa Associated with Processed Meat. <i>New England Journal of Medicine</i> , 2020, 382, 632-643.	27.0	139
7	Novel Mechanism of Resistance to Oxazolidinones, Macrolides, and Chloramphenicol in Ribosomal Protein L4 of the Pneumococcus. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3554-3557.	3.2	138
8	Comparative Genomics of <i>Vibrio cholerae</i> from Haiti, Asia, and Africa. <i>Emerging Infectious Diseases</i> , 2011, 17, 2113-21.	4.3	136
9	Alterations in PBP 1A Essential for High-Level Penicillin Resistance in <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 1329-1333.	3.2	115
10	Species-wide whole genome sequencing reveals historical global spread and recent local persistence in <i>Shigella flexneri</i> . <i>ELife</i> , 2015, 4, e07335.	6.0	94
11	Characterization of Toxigenic <i>Vibrio cholerae</i> from Haiti, 2010–2011. <i>Emerging Infectious Diseases</i> , 2011, 17, 2122-9.	4.3	85
12	Alterations in MurM, a Cell Wall Muropeptide Branching Enzyme, Increase High-Level Penicillin and Cephalosporin Resistance in <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 2393-2396.	3.2	78
13	In Vitro Evaluation of the Antimicrobial Activity of Ceftaroline against Cephalosporin-Resistant Isolates of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 552-556.	3.2	65
14	Rapid Detection of Penicillin-Resistant <i>Streptococcus pneumoniae</i> in Cerebrospinal Fluid by a Seminested-PCR Strategy. <i>Journal of Clinical Microbiology</i> , 1998, 36, 453-457.	3.9	61
15	Emergence of levofloxacin-non-susceptible <i>Streptococcus pneumoniae</i> and treatment for multidrug-resistant tuberculosis in children in South Africa: a cohort observational surveillance study. <i>Lancet</i> , The, 2008, 371, 1108-1113.	13.7	57
16	Three Predominant Clones Identified Within Penicillin-Resistant South African Isolates of <i>Streptococcus pneumoniae</i> . <i>Microbial Drug Resistance</i> , 1997, 3, 385-389.	2.0	48
17	Molecular Surveillance Identifies Multiple Transmissions of Typhoid in West Africa. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004781.	3.0	46
18	Fluoroquinolone-Resistant Typhoid, South Africa. <i>Emerging Infectious Diseases</i> , 2010, 16, 879-880.	4.3	46

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19	An Outbreak of Foodborne Salmonellosis in Rural KwaZulu-Natal, South Africa. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 693-697.	1.8	40
20	Amino Acid Mutations Essential to Production of an Altered PBP 2X Conferring High-Level β -Lactam Resistance in a Clinical Isolate of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4622-4627.	3.2	37
21	Meningococcal Disease in South Africa, 1999–2002. <i>Emerging Infectious Diseases</i> , 2007, 13, 273-281.	4.3	37
22	Cholera outbreak in South Africa, 2008–2009: Laboratory analysis of <i>Vibrio cholerae</i> O1 strains. <i>Journal of Infectious Diseases</i> , 2013, 208, S39-S45.	4.0	33
23	Telithromycin Resistance in <i>Streptococcus pneumoniae</i> Is Conferred by a Deletion in the Leader Sequence of erm (B) That Increases rRNA Methylation. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 435-440.	3.2	32
24	Clinical and Microbiological Features of <i>Salmonella</i> Meningitis in a South African Population, 2003–2013. <i>Clinical Infectious Diseases</i> , 2015, 61, S272-S282.	5.8	32
25	Non-Penicillin-Binding Protein Mediated High-Level Penicillin and Cephalosporin Resistance in a Hungarian Clone of <i>Streptococcus pneumoniae</i> . <i>Microbial Drug Resistance</i> , 2000, 6, 105-110.	2.0	29
26	Site-Specific Mutagenesis Analysis of PBP 1A from a Penicillin-Cephalosporin-Resistant Pneumococcal Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 387-389.	3.2	28
27	Altered PBP 2A and Its Role in the Development of Penicillin, Cefotaxime, and Ceftriaxone Resistance in a Clinical Isolate of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2002-2007.	3.2	26
28	Emergence of a Pneumococcal Clone with Cephalosporin Resistance and Penicillin Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 2648-2650.	3.2	25
29	Highly Resistant Cholera Outbreak Strain in Zimbabwe. <i>New England Journal of Medicine</i> , 2020, 383, 687-689.	27.0	25
30	High-Level Telithromycin Resistance in a Clinical Isolate of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1092-1095.	3.2	23
31	Nosocomial Outbreak of <i>Salmonella enterica</i> Serovar Typhimurium Primarily Affecting a Pediatric Ward in South Africa in 2012. <i>Journal of Clinical Microbiology</i> , 2014, 52, 627-631.	3.9	23
32	Application of <i>pbp1A</i> PCR in Identification of Penicillin-Resistant <i>Streptococcus pneumoniae</i> . <i>Journal of Clinical Microbiology</i> , 1999, 37, 628-632.	3.9	22
33	Analysis of Penicillin-Binding Protein 1 and 2a Genes from <i>Streptococcus pneumoniae</i> . <i>Microbial Drug Resistance</i> , 2000, 6, 127-131.	2.0	18
34	Genetic Characterization of Multidrug-Resistant, Extended-Spectrum- β -Lactamase-Producing <i>Vibrio cholerae</i> O1 Outbreak Strains, Mpumalanga, South Africa, 2008. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2976-2979.	3.9	18
35	International collaboration tracks typhoid fever cases over two continents from South Africa to Australia. <i>Journal of Medical Microbiology</i> , 2011, 60, 1405-1407.	1.8	16
36	<i>Escherichia coli</i> O104 Associated with Human Diarrhea, South Africa, 2004–2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1314-7.	4.3	16

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37	Heterogeneous Macrolide Resistance and Gene Conversion in the Pneumococcus. Antimicrobial Agents and Chemotherapy, 2006, 50, 359-361.	3.2	15
38	Surveillance for enterohaemorrhagic Escherichia coli associated with human diarrhoea in South Africa, 2006–2009. Journal of Medical Microbiology, 2011, 60, 681-683.	1.8	14
39	Typhoid Fever in South Africa in an Endemic HIV Setting. PLoS ONE, 2016, 11, e0164939.	2.5	14
40	Plasmid-mediated quinolone resistance in Salmonella from South Africa. Journal of Medical Microbiology, 2009, 58, 1393-1394.	1.8	13
41	Molecular characterization of extended-spectrum β -lactamase-producing Shigella isolates from humans in South Africa, 2003–2009. Journal of Medical Microbiology, 2012, 61, 162-164.	1.8	12
42	The Burden of Typhoid Fever in South Africa: The Potential Impact of Selected Interventions. American Journal of Tropical Medicine and Hygiene, 2018, 99, 55-63.	1.4	12
43	Detailed modelling of a large sample of Herschel sources in the Lockman Hole: identification of cold dust and of lensing candidates through their anomalous SEDs.... Monthly Notices of the Royal Astronomical Society, 2014, 445, 3848-3861.	4.4	11
44	Comparative Characterization of Vibrio cholerae O1 from Five Sub-Saharan African Countries Using Various Phenotypic and Genotypic Techniques. PLoS ONE, 2015, 10, e0142989.	2.5	11
45	Outbreaks of food-borne disease—a common occurrence but rarely reported. South African Medical Journal, 2007, 97, 1272.	0.6	11
46	Genome Sequence for Shiga Toxin-Producing Escherichia coli O26:H11, Associated with a Cluster of Hemolytic-Uremic Syndrome Cases in South Africa, 2017. Genome Announcements, 2017, 5, .	0.8	10
47	Emergence of <i>Vibrio cholerae</i> O1 Sequence Type 75, South Africa, 2018–2020. Emerging Infectious Diseases, 2021, 27, 2927-2931.	4.3	10
48	GEMS extend understanding of childhood diarrhoea. Lancet, The, 2016, 388, 1252-1254.	13.7	9
49	Development and evaluation of a multiple-locus variable-number tandem-repeats analysis assay for subtyping Salmonella Typhi strains from sub-Saharan Africa. Journal of Medical Microbiology, 2017, 66, 937-945.	1.8	9
50	Whole-genome sequencing to investigate two concurrent outbreaks of Salmonella Enteritidis in South Africa, 2018. Journal of Medical Microbiology, 2020, 69, 1303-1307.	1.8	9
51	Genome Sequences for a Cluster of Human Isolates of <i>Listeria monocytogenes</i> Identified in South Africa in 2015. Genome Announcements, 2016, 4, .	0.8	6
52	Shiga toxin-producing Escherichia coli O26:H11 associated with a cluster of haemolytic uraemic syndrome cases in South Africa, 2017. Access Microbiology, 2019, 1, e000061.	0.5	6
53	Review of molecular subtyping methodologies used to investigate outbreaks due to multidrug-resistant enteric bacterial pathogens in sub-Saharan Africa. African Journal of Laboratory Medicine, 2019, 8, 760.	0.6	6
54	Analysis of a temporal cluster of Shigella boydii isolates in Mpumalanga, South Africa, November to December 2007. Journal of Infection in Developing Countries, 2009, 3, 65-70.	1.2	5

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55	Possible Laboratory Contamination Leads to Incorrect Reporting of <i>Vibrio cholerae</i> O1 and Initiates an Outbreak Response. <i>Journal of Clinical Microbiology</i> , 2012, 50, 480-482.	3.9	4
56	Analysis of <i>Vibrio cholerae</i> isolates from the Northern Cape province of South Africa. <i>Journal of Medical Microbiology</i> , 2009, 58, 151-154.	1.8	3
57	Microbiological characterization of <i>Salmonella enterica</i> serotype Paratyphi, South Africa, 2003–2014. <i>Journal of Medical Microbiology</i> , 2015, 64, 1450-1453.	1.8	3
58	Epidemiological investigation of a typhoid fever outbreak in Sekhukhune District, Limpopo province, South Africa – 2017. <i>Southern African Journal of Infectious Diseases</i> , 2020, 35, 107.	0.5	1
59	Genotypic Diversity and Characterization of Quinolone Resistant Determinants from Enterobacteriaceae in Yaounde, Cameroon. <i>Open Journal of Medical Microbiology</i> , 2020, 10, 33-45.	0.4	0