Neville Firth

List of Publications by Year
in descending order

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Version: 2024-02-01

57 papers	3,947 citations	147801 31 h-index	155660 55 g-index
59 all docs	59 docs citations	59 times ranked	4454 citing authors

#	Article	IF	Citations
1	Mobile Genetic Elements Associated with Antimicrobial Resistance. Clinical Microbiology Reviews, 2018, 31, .	13.6	1,355
2	Perivascular macrophages mediate neutrophil recruitment during bacterial skin infection. Nature Immunology, 2014, 15, 45-53.	14.5	242
3	Complete Nucleotide Sequence of pSK41: Evolution of Staphylococcal Conjugative Multiresistance Plasmids. Journal of Bacteriology, 1998, 180, 4350-4359.	2.2	162
4	In Vitro Resistance of Staphylococcus aureus to Thrombin-Induced Platelet Microbicidal Protein Is Associated with Alterations in Cytoplasmic Membrane Fluidity. Infection and Immunity, 2000, 68, 3548-3553.	2.2	138
5	Diverse mobilization strategies facilitate transfer of non-conjugative mobile genetic elements. Current Opinion in Microbiology, 2017, 38, 1-9.	5.1	104
6	Major Families of Multiresistant Plasmids from Geographically and Epidemiologically Diverse Staphylococci. G3: Genes, Genomes, Genetics, 2011, 1, 581-591.	1.8	92
7	Segrosome structure revealed by a complex of ParR with centromere DNA. Nature, 2007, 450, 1268-1271.	27.8	90
8	An updated view of plasmid conjugation and mobilization inStaphylococcus. Mobile Genetic Elements, 2016, 6, e1208317.	1.8	83
9	Convergent Adaptation in the Dominant Global Hospital Clone ST239 of Methicillin-Resistant Staphylococcus aureus. MBio, 2015, 6, e00080.	4.1	81
10	Plasmid-Mediated Resistance to Thrombin-Induced Platelet Microbicidal Protein in Staphylococci: Role of the qacA Locus. Antimicrobial Agents and Chemotherapy, 1999, 43, 2395-2399.	3.2	78
11	Replication of Staphylococcal Multiresistance Plasmids. Journal of Bacteriology, 2000, 182, 2170-2178.	2.2	73
12	Complete Genome Sequence of Staphylococcus aureus Strain JKD6008, an ST239 Clone of Methicillin-Resistant Staphylococcus aureus with Intermediate-Level Vancomycin Resistance. Journal of Bacteriology, 2010, 192, 5848-5849.	2.2	71
13	Characterization of the F plasmid bifunctional conjugation gene, traG. Molecular Genetics and Genomics, 1992, 232, 145-153.	2.4	68
14	The replicons of Gram-positive bacteria: A family of broadly distributed but narrow host range plasmids. Plasmid, 2009, 61, 94-109.	1.4	61
15	Analysis of a transfer region from the staphylococcal conjugative plasmid pSK41. Gene, 1993, 136, 13-25.	2.2	58
16	A Single Gene on the Staphylococcal Multiresistance Plasmid pSK1 Encodes a Novel Partitioning System. Journal of Bacteriology, 2003, 185, 2143-2152.	2.2	55
17	Construction of Challenging Prolineâ€“Proline Junctions via Diselenideâ€“Selenoester Ligation Chemistry. Journal of the American Chemical Society, 2018, 140, 13327-13334.	13.7	55
18	Stable low-copy-number Staphylococcus aureus shuttle vectors. Microbiology (United Kingdom), 2003, 149, 785-794.	1.8	54

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19	IS257-mediated cointegration in the evolution of a family of staphylococcal trimethoprim resistance plasmids. Journal of Bacteriology, 1996, 178, 6070-6073.	2.2	53
20	Replication of Staphylococcal Resistance Plasmids. Frontiers in Microbiology, 2017, 8, 2279.	3.5	49
21	Staphylococcus aureus multiresistance plasmid pSK41: analysis of the replication region, initiator protein binding and antisense RNA regulation. Molecular Microbiology, 2004, 51, 497-509.	2.5	47
22	Multidrug Resistance Plasmid pSK108 from Coagulase-Negative Staphylococci; Relationships to Staphylococcus aureus qacC Plasmids. Plasmid, 1995, 34, 62-67.	1.4	45
23	Mobile elements in the evolution and spread of multiple-drug resistance in staphylococci. Drug Resistance Updates, 1998, 1, 49-58.	14.4	45
24	Analysis of the prototypical Staphylococcus aureus multiresistance plasmid pSK1. Plasmid, 2010, 64, 135-142.	1.4	45
25	Molecular basis of antibiotic multiresistance transfer in Staphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2804-2809.	7.1	44
26	Structure and Filament Dynamics of the pSK41 Actin-like ParM Protein. Journal of Biological Chemistry, 2010, 285, 10130-10140.	3.4	43
27	An IS257-Derived Hybrid Promoter Directs Transcription of a tetA(K) Tetracycline Resistance Gene in theStaphylococcus aureus Chromosomal mecRegion. Journal of Bacteriology, 2000, 182, 3345-3352.	2.2	41
28	Staphylococcus aureusSurface Proteins Involved in Adaptation to Oxacillin Identified Using a Novel Cell Shaving Approach. Journal of Proteome Research, 2014, 13, 2954-2972.	3.7	41
29	A simple plasmid-based system that allows rapid generation of tightly controlled gene expression in Staphylococcus aureus. Microbiology (United Kingdom), 2011, 157, 666-676.	1.8	40
30	Complete Nucleotide Sequence and Comparative Analysis of pPR9, a 41.7-Kilobase Conjugative Staphylococcal Multiresistance Plasmid Conferring High-Level Mupirocin Resistance. Antimicrobial Agents and Chemotherapy, 2010, 54, 2252-2257.	3.2	39
31	Analysis and characterization of the IncFV plasmid pED208 transfer region. Plasmid, 2002, 48, 24-37.	1.4	38
32	Molecular Analysis of a Mobilizable Theta-Mode Trimethoprim Resistance Plasmid from Coagulase-Negative Staphylococci. Plasmid, 1997, 38, 13-24.	1.4	37
33	Analysis of the pSK1 replicon, a prototype from the staphylococcal multiresistance plasmid family. Microbiology (United Kingdom), 2008, 154, 3084-3094.	1.8	35
34	Mechanism of staphylococcal multiresistance plasmid replication origin assembly by the RepA protein. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9121-9126.	7.1	32
35	Prevalence of Fst-like toxinâ€“antitoxin systems. Microbiology (United Kingdom), 2010, 156, 975-977.	1.8	31
36	Replication Control of Staphylococcal Multiresistance Plasmid pSK41: an Antisense RNA Mediates Dual-Level Regulation of Rep Expression. Journal of Bacteriology, 2006, 188, 4404-4412.	2.2	29

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37	Staphylococcal Plasmids, Transposable and Integrative Elements. Microbiology Spectrum, 2018, 6, .	3.0	29
38	Nucleotide Sequence of the F Plasmid Leading Region. Plasmid, 1999, 41, 219-225.	1.4	27
39	Biology of the staphylococcal conjugative multiresistance plasmid pSK41. Plasmid, 2013, 70, 42-51.	1.4	27
40	The Staphylococcus aureus pSK41 plasmid-encoded ArtA protein is a master regulator of plasmid transmission genes and contains a RHH motif used in alternate DNA-binding modes. Nucleic Acids Research, 2009, 37, 6970-6983.	14.5	22
41	Genetics: Accessory Elements and Genetic Exchange. , 2014, , 413-426.		19
42	Two-Plasmid Vector System for Independently Controlled Expression of Green and Red Fluorescent Fusion Proteins in Staphylococcus aureus. Applied and Environmental Microbiology, 2013, 79, 3133-3136.	3.1	18
43	Processing of Nonconjugative Resistance Plasmids by Conjugation Nicking Enzyme of Staphylococci. Journal of Bacteriology, 2016, 198, 888-897.	2.2	18
44	Remodeling of pSK1 Family Plasmids and Enhanced Chlorhexidine Tolerance in a Dominant Hospital Lineage of Methicillin-Resistant Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	18
45	Nucleotide sequence of the F plasmid transfer gene, traH: identification of a new gene and a promoter within the transfer operon. Gene, 1989, 75, 157-165.	2.2	17
46	Molecular Evolution of Multiplyâ€Antibioticâ€Resistant Staphylococci. Novartis Foundation Symposium, 1997, 207, 167-191.	1.1	16
47	A multimer resolution system contributes to segregational stability of the prototypical staphylococcal conjugative multiresistance plasmid pSK41. FEMS Microbiology Letters, 2008, 284, 58-67.	1.8	15
48	Evolution of a 72-Kilobase Cointegrant, Conjugative Multiresistance Plasmid in Community-Associated Methicillin-Resistant Staphylococcus aureus Isolates from the Early 1990s. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	12
49	Genetic requirements for replication initiation of the staphylococcal multiresistance plasmid pSK41. Microbiology (United Kingdom), 2012, 158, 1456-1467.	1.8	11
50	Enterococcal Pheromone-Like Activity Derived from a Lipoprotein Signal Peptide Encoded by a Staphylococcus aureus Plasmid. Advances in Experimental Medicine and Biology, 1997, 418, 1041-1044.	1.6	9
51	Structural and sequence requirements for the antisense RNA regulating replication of staphylococcal multiresistance plasmid pSK41. Plasmid, 2015, 78, 17-25.	1.4	8
52	Evolving origin-of-transfer sequences on staphylococcal conjugative and mobilizable plasmidsâ€"whoâ€™s mimicking whom?. Nucleic Acids Research, 2021, 49, 5177-5188.	14.5	8
53	A protein family associated with filament biogenesis in bacteria. Molecular Microbiology, 1995, 17, 1218-1219.	2.5	6
54	Dynamic Filament Formation by a Divergent Bacterial Actin-Like ParM Protein. PLoS ONE, 2016, 11, e0156944.	2.5	4

#	Article	IF	Citations
55	Bacterial antigen is directly delivered to the draining lymph nodes and activates CD8 + T cells during Staphylococcus aureus skin infection. Immunology and Cell Biology, 2021, 99, 299-308.	2.3	4
56	Classifying mobile genetic elements and their interactions from sequence data: The importance of existing biological knowledge. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2104685118.	7.1	4
57	Staphylococcal Plasmids, Transposable and Integrative Elements. , 0, , 499-520.		1