

Adela G De La Campa

List of Publications by Year in descending order

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62
papers

1,943
citations

201674

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276875

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62
docs citations

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times ranked

1832
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide proximity between RNA polymerase and DNA topoisomerase I supports transcription in <i>Streptococcus pneumoniae</i> . <i>PLoS Genetics</i> , 2021, 17, e1009542.	3.5	11
2	Seconeolitsine, the Novel Inhibitor of DNA Topoisomerase I, Protects against Invasive Pneumococcal Disease Caused by Fluoroquinolone-Resistant Strains. <i>Antibiotics</i> , 2021, 10, 573.	3.7	2
3	The TLR4-MyD88 Signaling Axis Regulates Lung Monocyte Differentiation Pathways in Response to <i>Streptococcus pneumoniae</i> . <i>Frontiers in Immunology</i> , 2020, 11, 2120.	4.8	14
4	Antibacterial activity of a DNA topoisomerase I inhibitor versus fluoroquinolones in <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2020, 15, e0241780.	2.5	6
5	An Uncharacterized Member of the Gls24 Protein Superfamily Is a Putative Sensor of Essential Amino Acid Availability in <i>Streptococcus pneumoniae</i> . <i>Microbial Ecology</i> , 2019, 77, 471-487.	2.8	3
6	Boldine-Derived Alkaloids Inhibit the Activity of DNA Topoisomerase I and Growth of <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1659.	3.5	16
7	HU of <i>Streptococcus pneumoniae</i> Is Essential for the Preservation of DNA Supercoiling. <i>Frontiers in Microbiology</i> , 2018, 9, 493.	3.5	26
8	The Transcriptome of <i>Streptococcus pneumoniae</i> Induced by Local and Global Changes in Supercoiling. <i>Frontiers in Microbiology</i> , 2017, 8, 1447.	3.5	23
9	Upregulation of the PatAB Transporter Confers Fluoroquinolone Resistance to <i>Streptococcus pseudopneumoniae</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2074.	3.5	10
10	Bridging Chromosomal Architecture and Pathophysiology of <i>Streptococcus pneumoniae</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 350-361.	2.5	9
11	A Novel Typing Method for <i>Streptococcus pneumoniae</i> Using Selected Surface Proteins. <i>Frontiers in Microbiology</i> , 2016, 7, 420.	3.5	2
12	DiiA is a novel dimorphic cell wall protein of <i>Streptococcus pneumoniae</i> involved in invasive disease. <i>Journal of Infection</i> , 2016, 73, 71-81.	3.3	6
13	An increase in negative supercoiling in bacteria reveals topology-reacting gene clusters and a homeostatic response mediated by the DNA topoisomerase I gene. <i>Nucleic Acids Research</i> , 2016, 44, gkw602.	14.5	43
14	Reactive Oxygen Species Contribute to the Bactericidal Effects of the Fluoroquinolone Moxifloxacin in <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 409-417.	3.2	28
15	Identification of <i>Haemophilus haemolyticus</i> in clinical samples and characterization of their mechanisms of antimicrobial resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 80-84.	3.0	7
16	Absence of tmRNA Has a Protective Effect against Fluoroquinolones in <i>Streptococcus pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 2164.	3.5	16
17	Molecular Characterization of Fluoroquinolone Resistance in Nontypeable <i>Haemophilus influenzae</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 461-466.	3.2	41
18	Induction of Prophages by Fluoroquinolones in <i>Streptococcus pneumoniae</i> : Implications for Emergence of Resistance in Genetically-Related Clones. <i>PLoS ONE</i> , 2014, 9, e94358.	2.5	22

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19	Role of Global and Local Topology in the Regulation of Gene Expression in <i>Streptococcus pneumoniae</i> . PLoS ONE, 2014, 9, e101574.	2.5	25
20	The Fluoroquinolone Levofloxacin Triggers the Transcriptional Activation of Iron Transport Genes That Contribute to Cell Death in <i>Streptococcus pneumoniae</i> . Antimicrobial Agents and Chemotherapy, 2014, 58, 247-257.	3.2	39
21	Spread of <i>Streptococcus pneumoniae</i> Serotype 8-ST63 Multidrug-Resistant Recombinant Clone, Spain. Emerging Infectious Diseases, 2014, 20, 1848-1856.	4.3	37
22	Fluoroquinolone-Resistant Pneumococci: Dynamics of Serotypes and Clones in Spain in 2012 Compared with Those from 2002 and 2006. Antimicrobial Agents and Chemotherapy, 2014, 58, 2393-2399.	3.2	22
23	Inspecting the potential physiological and biomedical value of 44 conserved uncharacterised proteins of <i>Streptococcus pneumoniae</i> . BMC Genomics, 2014, 15, 652.	2.8	10
24	Characterization of Recombinant Fluoroquinolone-Resistant Pneumococcus-Like Isolates. Antimicrobial Agents and Chemotherapy, 2013, 57, 254-260.	3.2	6
25	Some Pneumococcal Serotypes Are More Frequently Associated with Relapses of Acute Exacerbations in COPD Patients. PLoS ONE, 2013, 8, e59027.	2.5	13
26	Epidemiological and molecular aspects of rifampicin-resistant <i>Staphylococcus aureus</i> isolated from wounds, blood and respiratory samples. Journal of Antimicrobial Chemotherapy, 2011, 66, 997-1000.	3.0	26
27	New Species Genetic Approach To Identify Strains of Mitis Group Streptococci That Are Donors of Rifampin Resistance to <i>Streptococcus pneumoniae</i> . Antimicrobial Agents and Chemotherapy, 2011, 55, 368-372.	3.2	3
28	Nonoptimal DNA Topoisomerases Allow Maintenance of Supercoiling Levels and Improve Fitness of <i>Streptococcus pneumoniae</i> . Antimicrobial Agents and Chemotherapy, 2011, 55, 1097-1105.	3.2	14
29	Trends of invasive serotype 6C pneumococci in Spain: emergence of a new lineage. Journal of Antimicrobial Chemotherapy, 2011, 66, 1712-1718.	3.0	29
30	New Alkaloid Antibiotics That Target the DNA Topoisomerase I of <i>Streptococcus pneumoniae</i> . Journal of Biological Chemistry, 2011, 286, 6402-6413.	3.4	51
31	Fluoroquinolone Efflux in <i>Streptococcus suis</i> Is Mediated by SatAB and Not by SmrA. Antimicrobial Agents and Chemotherapy, 2011, 55, 5850-5860.	3.2	28
32	Evidence of Localized Prophage-Host Recombination in the <i>lytA</i> Gene, Encoding the Major Pneumococcal Autolysin. Journal of Bacteriology, 2010, 192, 2624-2632.	2.2	9
33	The genome of <i>Streptococcus pneumoniae</i> is organized in topology-reacting gene clusters. Nucleic Acids Research, 2010, 38, 3570-3581.	14.5	58
34	The relBE2Spn Toxin-Antitoxin System of <i>Streptococcus pneumoniae</i> : Role in Antibiotic Tolerance and Functional Conservation in Clinical Isolates. PLoS ONE, 2010, 5, e11289.	2.5	31
35	Changes in Fluoroquinolone-Resistant <i>Streptococcus pneumoniae</i> after 7-Valent Conjugate Vaccination, Spain. Emerging Infectious Diseases, 2009, 15, 905-911.	4.3	52
36	Fitness of <i>Streptococcus pneumoniae</i> Fluoroquinolone-Resistant Strains with Topoisomerase IV Recombinant Genes. Antimicrobial Agents and Chemotherapy, 2008, 52, 822-830.	3.2	45

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37	First Characterization of Fluoroquinolone Resistance in <i>Streptococcus suis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 777-782.	3.2	34
38	Molecular Characterization of Disease-Associated Streptococci of the Mitis Group That Are Optochin Susceptible. <i>Journal of Clinical Microbiology</i> , 2006, 44, 4163-4171.	3.9	25
39	Transcriptional analysis of the acid tolerance response in <i>Streptococcus pneumoniae</i> . <i>Microbiology (United Kingdom)</i> , 2005, 151, 3935-3946.	1.8	54
40	New Mutations and Horizontal Transfer of <i>rpoB</i> among Rifampin-Resistant <i>Streptococcus pneumoniae</i> from Four Spanish Hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2237-2245.	3.2	27
41	Fluoroquinolone Resistance in Penicillin-resistant <i>Streptococcus pneumoniae</i> Clones, Spain. <i>Emerging Infectious Diseases</i> , 2004, 10, 1751-1759.	4.3	66
42	Relationship between codon biased genes, microarray expression values and physiological characteristics of <i>Streptococcus pneumoniae</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 2313-2325.	1.8	30
43	Genetic Characterization of Fluoroquinolone-Resistant <i>Streptococcus pneumoniae</i> Strains Isolated during Ciprofloxacin Therapy from a Patient with Bronchiectasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 1419-1422.	3.2	21
44	Viridans Group Streptococci Are Donors in Horizontal Transfer of Topoisomerase IV Genes to <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2072-2081.	3.2	98
45	Genetic Characterization of Optochin-Susceptible Viridans Group Streptococci. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3187-3194.	3.2	31
46	High-Efficiency Generation of Antibiotic-Resistant Strains of <i>Streptococcus pneumoniae</i> by PCR and Transformation. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 1257-1261.	3.2	26
47	Levofloxacin Treatment Failure in <i>Haemophilus influenzae</i> Pneumonia. <i>Emerging Infectious Diseases</i> , 2003, 9, 1475-1479.	4.3	34
48	Mefloquine and New Related Compounds Target the F ₀ F ₁ H ⁺ -ATPase of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 1680-1687.	3.2	50
49	The membrane-associated F ₀ F ₁ ATPase is essential for the viability of <i>Streptococcus pneumoniae</i> . <i>FEMS Microbiology Letters</i> , 2002, 212, 133-138.	1.8	26
50	The promoter of the operon encoding the F ₀ F ₁ ATPase of <i>Streptococcus pneumoniae</i> is inducible by pH. <i>Molecular Microbiology</i> , 2001, 41, 1327-1338.	2.5	51
51	Horizontal Transfer of <i>parC</i> and <i>gyrA</i> in Fluoroquinolone-Resistant Clinical Isolates of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 840-847.	3.2	87
52	Regulation of competence for genetic transformation in <i>Streptococcus pneumoniae</i> : expression of <i>dpnA</i> , a late competence gene encoding a DNA methyltransferase of the DpnII restriction system. <i>Molecular Microbiology</i> , 2000, 35, 1089-1098.	2.5	40
53	Fluoroquinolones Inhibit Preferentially <i>Streptococcus pneumoniae</i> DNA Topoisomerase IV Than DNA Gyrase Native Proteins. <i>Microbial Drug Resistance</i> , 2000, 6, 259-267.	2.0	28
54	Drug Efflux and <i>parC</i> Mutations Are Involved in Fluoroquinolone Resistance in Viridans Group Streptococci. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 2520-2523.	3.2	29

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55	Fluoroquinolone Resistance Mutations in the DNA Topoisomerase II Genes of Viridans Group Streptococci Clinical Isolates. <i>Drugs</i> , 1999, 58, 125-127.	10.9	0
56	Fluoroquinolone Resistance Mutations in the <i>parC</i> , <i>parE</i> , and <i>gyrA</i> Genes of Clinical Isolates of Viridans Group Streptococci. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 2792-2798.	3.2	94
57	Molecular Characterization of the Gene Encoding the DNA Gyrase A Subunit of <i>Streptococcus pneumoniae</i> . <i>Journal of Bacteriology</i> , 1998, 180, 2854-2861.	2.2	48
58	Molecular Bases of Three Characteristic Phenotypes of <i>Pneumococcus</i> : Optochin-Sensitivity, Coumarin-Sensitivity, and Quinolone-Resistance. <i>Microbial Drug Resistance</i> , 1997, 3, 177-193.	2.0	15
59	Molecular basis of the optochin-sensitive phenotype of pneumococcus: characterization of the genes encoding the F ₀ complex of the <i>Streptococcus pneumoniae</i> <i>Streptococcus oralis</i> H ⁺ -ATPases. <i>Molecular Microbiology</i> , 1994, 12, 587-598.	2.5	71
60	Initiation of replication of plasmid pLS1. <i>Journal of Molecular Biology</i> , 1990, 213, 247-262.	4.2	66
61	Three regions in the DNA of plasmid pLS1 show sequence-directed static bending. <i>Nucleic Acids Research</i> , 1988, 16, 9113-9126.	14.5	28
62	Proteins encoded by the DpnII restriction gene cassette. <i>Journal of Molecular Biology</i> , 1987, 196, 457-469.	4.2	81