

Laura Villa

List of Publications by Year in descending order

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11,414
citations

71102
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times ranked

9037
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Silico</i> Detection and Typing of Plasmids using PlasmidFinder and Plasmid Multilocus Sequence Typing. Antimicrobial Agents and Chemotherapy, 2014, 58, 3895-3903.	3.2	3,558
2	Identification of plasmids by PCR-based replicon typing. Journal of Microbiological Methods, 2005, 63, 219-228.	1.6	2,131
3	Replicon sequence typing of IncF plasmids carrying virulence and resistance determinants. Journal of Antimicrobial Chemotherapy, 2010, 65, 2518-2529.	3.0	598
4	Novel plasmid-mediated colistin resistance mcr-4 gene in Salmonella and Escherichia coli, Italy 2013, Spain and Belgium, 2015 to 2016. Eurosurveillance, 2017, 22, .	7.0	450
5	Multiplex PCR for detection of plasmid-mediated colistin resistance determinants, mcr-1, mcr-2, mcr-3, mcr-4 and mcr-5 for surveillance purposes. Eurosurveillance, 2018, 23, .	7.0	431
6	Whole-Genome Pyrosequencing of an Epidemic Multidrug-Resistant <i>Acinetobacter baumannii</i> Strain Belonging to the European Clone II Group. Antimicrobial Agents and Chemotherapy, 2008, 52, 2616-2625.	3.2	240
7	Multilocus sequence typing of IncI1 plasmids carrying extended-spectrum β -lactamases in Escherichia coli and Salmonella of human and animal origin. Journal of Antimicrobial Chemotherapy, 2008, 61, 1229-1233.	3.0	236
8	Characterization and PCR-Based Replicon Typing of Resistance Plasmids in <i>Acinetobacter baumannii</i> . Antimicrobial Agents and Chemotherapy, 2010, 54, 4168-4177.	3.2	232
9	Replicon Typing of Plasmids Carrying CTX-M or CMY β -Lactamases Circulating among Salmonella and Escherichia coli Isolates. Antimicrobial Agents and Chemotherapy, 2006, 50, 3203-3206.	3.2	185
10	Klebsiella pneumoniae ST258 Producing KPC-3 Identified in Italy Carries Novel Plasmids and OmpK36/OmpK35 Porin Variants. Antimicrobial Agents and Chemotherapy, 2012, 56, 2143-2145.	3.2	169
11	The genomics of <i>Acinetobacter baumannii</i> : Insights into genome plasticity, antimicrobial resistance and pathogenicity. IUBMB Life, 2011, 63, 1068-1074.	3.4	157
12	Replicon Typing of Plasmids Encoding Resistance to Newer β -Lactams. Emerging Infectious Diseases, 2006, 12, 1145-1148.	4.3	134
13	Evolution of IncA/C <i>bla</i> CMY-2-Carrying Plasmids by Acquisition of the <i>bla</i> NDM-1 Carbapenemase Gene. Antimicrobial Agents and Chemotherapy, 2012, 56, 783-786.	3.2	124
14	Complete sequencing of an IncHI1 plasmid encoding the carbapenemase NDM-1, the ArmA 16S RNA methylase and a resistance-nodulation-cell division/multidrug efflux pump. Journal of Antimicrobial Chemotherapy, 2013, 68, 34-39.	3.0	123
15	Diversity, virulence, and antimicrobial resistance of the KPC-producing Klebsiella pneumoniae ST307 clone. Microbial Genomics, 2017, 3, e000110.	2.0	122
16	Complete sequencing of an IncH plasmid carrying the blaNDM-1, blaCTX-M-15 and qnrB1 genes. Journal of Antimicrobial Chemotherapy, 2012, 67, 1645-1650.	3.0	114
17	Genomics of KPC-Producing Klebsiella pneumoniae Sequence Type 512 Clone Highlights the Role of RamR and Ribosomal S10 Protein Mutations in Conferring Tigecycline Resistance. Antimicrobial Agents and Chemotherapy, 2014, 58, 1707-1712.	3.2	114
18	Multicopy bla OXA-58 Gene as a Source of High-Level Resistance to Carbapenems in Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2007, 51, 2324-2328.	3.2	106

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19	Multilocus sequence typing of IncN plasmids. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1987-1991.	3.0	101
20	Multiple-Antibiotic Resistance Mediated by Structurally Related IncL/M Plasmids Carrying an Extended-Spectrum β -Lactamase Gene and a Class 1 Integrin. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2911-2914.	3.2	87
21	Plasmid-mediated quinolone resistance and β -lactamases in <i>Escherichia coli</i> from healthy animals from Nigeria. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1269-1272.	3.0	84
22	Characterization of IncN plasmids carrying blaCTX-M-1 and qnr genes in <i>Escherichia coli</i> and <i>Salmonella</i> from animals, the environment and humans. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 333-339.	3.0	83
23	IS 26 -Associated In4-Type Integrins Forming Multiresistance Loci in Enterobacterial Plasmids. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3541-3543.	3.2	77
24	Antibiotic Resistance Genes and <i>Salmonella</i> Genomic Island 1 in <i>Salmonella enterica</i> Serovar Typhimurium Isolated in Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2821-2828.	3.2	72
25	IncA/C Plasmid Carrying <i>bla</i> _{NDM-1} , <i>bla</i> _{CMY-16} , and <i>fosA3</i> in a <i>Salmonella enterica</i> Serovar Corvallis Strain Isolated from a Migratory Wild Bird in Germany. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6597-6600.	3.2	72
26	Molecular Characterization of Multidrug-Resistant Strains of <i>Salmonella enterica</i> Serotype Typhimurium and Monophasic Variant (<i>S.</i> 4,[5],12:i:â€œ) Isolated from Human Infections in Italy. <i>Foodborne Pathogens and Disease</i> , 2009, 6, 711-717.	1.8	71
27	Contemporary IncI1 plasmids involved in the transmission and spread of antimicrobial resistance in Enterobacteriaceae. <i>Plasmid</i> , 2021, 118, 102392.	1.4	67
28	Evidence for a Second Genomic Island Conferring Multidrug Resistance in a Clonal Group of Strains of <i>Salmonella enterica</i> Serovar Typhimurium and its Monophasic Variant Circulating in Italy, Denmark, and the United Kingdom. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2103-2109.	3.9	65
29	Nucleotide sequence of the chromosomal region conferring multidrug resistance (R-type ASSuT) in <i>Salmonella</i> Typhimurium and monophasic <i>Salmonella</i> Typhimurium strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 111-114.	3.0	64
30	Distribution of Intrinsic Plasmid Replicase Genes and Their Association with Carbapenem-Hydrolyzing Class D β -Lactamase Genes in European Clinical Isolates of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2154-2159.	3.2	62
31	Emergence of NDM-5-producing <i>Escherichia coli</i> sequence type 167 clone in Italy. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 76-81.	2.5	56
32	Plasmid Content of a Clinically Relevant <i>Klebsiella pneumoniae</i> Clone from the Czech Republic Producing CTX-M-15 and QnrB1. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1073-1076.	3.2	54
33	The potential of using <i>E. coli</i> as an indicator for the surveillance of antimicrobial resistance (AMR) in the environment. <i>Current Opinion in Microbiology</i> , 2021, 64, 152-158.	5.1	54
34	Acquisition and diffusion of blaCTX-M-9 gene by R478-IncHI2 derivative plasmids. <i>FEMS Microbiology Letters</i> , 2007, 271, 71-77.	1.8	52
35	Epidemic IncX3 plasmids spreading carbapenemase genes in the United Arab Emirates and worldwide. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 1729-1742.	2.7	52
36	Integrins and Transposons on the <i>Salmonella enterica</i> Serovar Typhimurium Virulence Plasmid. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1194-1197.	3.2	51

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37	CMY-13, a Novel Inducible Cephalosporinase Encoded by an <i>Escherichia coli</i> Plasmid. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3172-3174.	3.2	46
38	Reversion to susceptibility of a carbapenem-resistant clinical isolate of <i>Klebsiella pneumoniae</i> producing KPC-3. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2482-2486.	3.0	46
39	Complete Sequence of the IncT-Type Plasmid pT-OXA-181 Carrying the <i>bla</i> _{OXA-181} Carbapenemase Gene from <i>Citrobacter freundii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1965-1967.	3.2	46
40	Complete sequences of IncHI1 plasmids carrying <i>bla</i> CTX-M-1 and <i>qnrS</i> 1 in equine <i>Escherichia coli</i> provide new insights into plasmid evolution. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2388-2393.	3.0	44
41	Comparative analysis of the standard PCR-Based Replicon Typing (PBRT) with the commercial PBRT-KIT. <i>Plasmid</i> , 2017, 90, 10-14.	1.4	43
42	Expanding Drug Resistance through Integron Acquisition by IncFI Plasmids of <i>Salmonella enterica</i> Typhimurium. <i>Emerging Infectious Diseases</i> , 2001, 7, 444-447.	4.3	41
43	Multidrug and Broad-Spectrum Cephalosporin Resistance among <i>Salmonella enterica</i> Serotype Enteritidis Clinical Isolates in Southern Italy. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2662-2665.	3.9	41
44	Characterization of NDM-7 Carbapenemase-Producing <i>Escherichia coli</i> Isolates in the Arabian Peninsula. <i>Microbial Drug Resistance</i> , 2017, 23, 871-878.	2.0	41
45	Clinically Relevant ESBL-Producing <i>K. pneumoniae</i> ST307 and <i>E. coli</i> ST38 in an Urban West African Rat Population. <i>Frontiers in Microbiology</i> , 2018, 9, 150.	3.5	40
46	Novel Insights and Features of the NDM-5-Producing <i>Escherichia coli</i> Sequence Type 167 High-Risk Clone. <i>MSphere</i> , 2020, 5, .	2.9	39
47	Comparison of multidrug resistance gene regions between two geographically unrelated <i>Salmonella</i> serotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 558-561.	3.0	38
48	Expanded-spectrum β -Lactamase and Plasmid-mediated Quinolone Resistance. <i>Emerging Infectious Diseases</i> , 2007, 13, 803-805.	4.3	38
49	Characterization of the Plasmid-Borne Quinolone Resistance Gene <i>qnrB</i> 19 in <i>Salmonella enterica</i> Serovar Typhimurium. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4019-4021.	3.2	36
50	Composite Integron Array Generated by Insertion of an ORF341-Type Integron Within a Tn21-like Element. <i>Microbial Drug Resistance</i> , 2002, 8, 1-8.	2.0	31
51	ST405 NDM-5 producing <i>Escherichia coli</i> in Northern Italy: the first two clinical cases. <i>Clinical Microbiology and Infection</i> , 2017, 23, 489-490.	6.0	28
52	First Report on IncN Plasmid-Mediated Quinolone Resistance Gene <i>qnrS</i> 1 in Porcine <i>Escherichia coli</i> in Europe. <i>Microbial Drug Resistance</i> , 2011, 17, 567-573.	2.0	27
53	Double Copies of <i>bla</i> KPC-3::Tn4401a on an IncX3 Plasmid in <i>Klebsiella pneumoniae</i> Successful Clone ST512 from Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 646-649.	3.2	26
54	Expanding Drug Resistance through Integron Acquisition by IncFI Plasmids of <i>Salmonella enterica</i> Typhimurium. <i>Emerging Infectious Diseases</i> , 2001, 7, 444-447.	4.3	26

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55	A novel plasmid carrying blaCTX-M-15 identified in commensal Escherichia coli from healthy pregnant women in Ibadan, Nigeria. Journal of Global Antimicrobial Resistance, 2015, 3, 9-12.	2.2	25
56	First Report of the Carbapenem-Hydrolyzing Oxacillinase OXA-58 in Acinetobacter baumannii Isolates in Italy. Antimicrobial Agents and Chemotherapy, 2006, 50, 2268-2269.	3.2	24
57	Can Insertion Sequences Proliferation Influence Genomic Plasticity? Comparative Analysis of Acinetobacter baumannii Sequence Type 78, a Persistent Clone in Italian Hospitals. Frontiers in Microbiology, 2019, 10, 2080.	3.5	23
58	Outbreak of Acinetobacter baumannii Producing the Carbapenem-Hydrolyzing Oxacillinase OXA-58 in Rome, Italy. Microbial Drug Resistance, 2007, 13, 37-43.	2.0	22
59	Multiplex Real-Time Reverse-Transcription Polymerase Chain Reaction Assays for Diagnostic Testing of Severe Acute Respiratory Syndrome Coronavirus 2 and Seasonal Influenza Viruses: A Challenge of the Phase 3 Pandemic Setting. Journal of Infectious Diseases, 2021, 223, 765-774.	4.0	22
60	Complete Genome Sequence of KPC-3- and CTX-M-15-Producing Klebsiella pneumoniae Sequence Type 307. Genome Announcements, 2016, 4, .	0.8	21
61	Circulation of bla _{KPC-3} -Carrying IncX3 Plasmids among Citrobacter freundii Isolates in an Italian Hospital. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	19
62	Antibiotic Resistance and Mobile Genetic Elements in Extensively Drug-Resistant Klebsiella pneumoniae Sequence Type 147 Recovered from Germany. Antibiotics, 2020, 9, 675.	3.7	19
63	Plasmid Typing and Classification. Methods in Molecular Biology, 2020, 2075, 309-321.	0.9	17
64	Insights from perceptual, sensory, and motor functioning in autism and cerebellar primary disturbances: Are there reliable markers for these disorders?. Neuroscience and Biobehavioral Reviews, 2018, 95, 263-279.	6.1	14
65	The challenging task to select Salmonella target serovars in poultry: the Italian point of view. Epidemiology and Infection, 2021, 149, e160.	2.1	14
66	Comparative analysis of an mcr-4 Salmonella enterica subsp. enterica monophasic variant of human and animal origin. Journal of Antimicrobial Chemotherapy, 2018, 73, 3332-3335.	3.0	12
67	Interplay among IncA and bla _{KPC} -Carrying Plasmids in Citrobacter freundii. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	12
68	Mobile colistin resistance genes in Escherichia coli from pigs affected by colibacillosis. International Journal of Antimicrobial Agents, 2018, 52, 744-746.	2.5	9
69	Draft Genome Sequence of Stenotrophomonas maltophilia Strain EPM1, Found in Association with a Culture of the Human Parasite Giardia duodenalis. Genome Announcements, 2013, 1, e0018213.	0.8	8
70	Colistin Resistance Mechanisms in Human Salmonella Enterica Strains Isolated by the National Surveillance Enter-Net Italia (2016-2018). Antibiotics, 2022, 11, 102.	3.7	8
71	Integration of erm(B)-containing elements through large chromosome fragment exchange in Clostridium difficile. Mobile Genetic Elements, 2015, 5, 12-16.	1.8	7
72	A Strong Evidence Outbreak of Salmonella Enteritidis in Central Italy Linked to the Consumption of Contaminated Raw Sheep Milk Cheese. Microorganisms, 2021, 9, 2464.	3.6	6

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73	The (a)typical burden of COVID-19 pandemic scenario in Autism Spectrum Disorder. Scientific Reports, 2021, 11, 22655.	3.3	6
74	First evidence of blaNDM-1 and blaOXA-23 carbapenemase genes in human body lice infesting a second-hand T-shirt in a street market in Italy. Annali Dell'Istituto Superiore Di Sanita, 2021, 57, 33-36.	0.4	1