Vincenzo Di Pilato

List of Publications by Year
in descending order

79 papers	2,906 citations	186265 28 h-index	189892 50 g-index
80 all docs	80 docs citations	80 times ranked	3670 citing authors

#	Article	IF	Citations
1	In Vivo Emergence of Colistin Resistance in Klebsiella pneumoniae Producing KPC-Type Carbapenemases Mediated by Insertional Inactivation of the PhoQ/PhoP mgrB Regulator. Antimicrobial Agents and Chemotherapy, 2013, 57, 5521-5526.	3.2	316
2	MgrB Inactivation Is a Common Mechanism of Colistin Resistance in KPC-Producing Klebsiella pneumoniae of Clinical Origin. Antimicrobial Agents and Chemotherapy, 2014, 58, 5696-5703.	3.2	297
3	mcr-1.2 , a New mcr Variant Carried on a Transferable Plasmid from a Colistin-Resistant KPC Carbapenemase-Producing Klebsiella pneumoniae Strain of Sequence Type 512. Antimicrobial Agents and Chemotherapy, 2016, 60, 5612-5615.	3.2	165
4	The esophageal microbiota in health and disease. Annals of the New York Academy of Sciences, 2016, 1381, 21-33.	3.8	119
5	In Vivo Evolution to Colistin Resistance by PmrB Sensor Kinase Mutation in KPC-Producing Klebsiella pneumoniae Is Associated with Low-Dosage Colistin Treatment. Antimicrobial Agents and Chemotherapy, 2014, 58, 4399-4403.	3.2	113
6	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. Journal of Antimicrobial Chemotherapy, 2018, 73, 2625-2630.	3.0	101
7	Influence of a 3-month low-calorie Mediterranean diet compared to the vegetarian diet on human gut microbiota and SCFA: the CARDIVEG Study. European Journal of Nutrition, 2020, 59, 2011-2024.	3.9	94
8	Spread of Carbapenem-Resistant Gram-Negatives and Candida auris during the COVID-19 Pandemic in Critically Ill Patients: One Step Back in Antimicrobial Stewardship?. Microorganisms, 2021, 9, 95.	3.6	77
9	Escherichia coli from Italy Producing OXA-48 Carbapenemase Encoded by a Novel Tn 1999 Transposon Derivative. Antimicrobial Agents and Chemotherapy, 2012, 56, 2211-2213.	3.2	73
10	Italian nationwide survey on Pseudomonas aeruginosa from invasive infections: activity of ceftolozane/tazobactam and comparators, and molecular epidemiology of carbapenemase producers. Journal of Antimicrobial Chemotherapy, 2018, 73, 664-671.	3.0	71
11	Characterization of IncI1 Sequence Type 71 Epidemic Plasmid Lineage Responsible for the Recent Dissemination of CTX-M-65 Extended-Spectrum Î²-Lactamase in the Bolivian Chaco Region. Antimicrobial Agents and Chemotherapy, 2015, 59, 5340-5347.	3.2	56
12	Characterization of Extensively Drug-Resistant or Pandrug-Resistant Sequence Type 147 and 101 OXA-48-Producing Klebsiella pneumoniae Causing Bloodstream Infections in Patients in an Intensive Care Unit. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	54
13	Characterization of KPC-encoding plasmids from two endemic settings, Greece and Italy. Journal of Antimicrobial Chemotherapy, 2016, 71, 2824-2830.	3.0	53
14	Candida auris Candidemia in Critically Ill, Colonized Patients: Cumulative Incidence and Risk Factors. Infectious Diseases and Therapy, 2022, 11, 1149-1160.	4.0	51
15	Molecular Epidemiological Investigation of a Nosocomial Cluster of C. auris: Evidence of Recent Emergence in Italy and Ease of Transmission during the COVID-19 Pandemic. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Ove	3.4	50
16	Ceftazidime-Avibactam Resistance Associated with Increased bla _{KPC-3} Gene Copy Number Mediated by pKpQIL Plasmid Derivatives in Sequence Type 258 Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	47
17	Clinical Features and Outcomes of Bloodstream Infections Caused by New Delhi Metallo-Î²-Lactamaseâ€“Producing Enterobacterales During a Regional Outbreak. Open Forum Infectious Diseases, 2020, 7, ofaa011.	0.9	47
18	Characterization of a Multiresistance Plasmid Carrying the optrA and cfr Resistance Genes From an Enterococcus faecium Clinical Isolate. Frontiers in Microbiology, 2018, 9, 2189.	3.5	45

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19	The changing epidemiology of carbapenemase-producingKlebsiella pneumoniaein Italy: toward polyclonal evolution with emergence of high-risk lineages. Journal of Antimicrobial Chemotherapy, 2021, 76, 355-361.	3.0	43
20	Citrobacter braakii carrying plasmid-borne mcr-1 colistin resistance gene from ready-to-eat food from a market in the Chaco region of Bolivia. Journal of Antimicrobial Chemotherapy, 2017, 72, 2127-2129.	3.0	42
21	An allelic variant of the PmrB sensor kinase responsible for colistin resistance in an Escherichia coli strain of clinical origin. Scientific Reports, 2017, 7, 5071.	3.3	42
22	Draft Genome Sequence of the First Hypermucoviscous Klebsiella quasipneumoniae subsp. quasipneumoniae Isolate from a Bloodstream Infection. Genome Announcements, 2015, 3, .	0.8	40
23	KPC-31 expressed in a ceftazidime/avibactam-resistant Klebsiella pneumoniae is associated with relevant detection issues. Journal of Antimicrobial Chemotherapy, 2019, 74, 2464-2466.	3.0	40
24	Phenotypic and genomic characterization of the antimicrobial producer Rheinheimera sp. EpRS3 isolated from the medicinal plant Echinacea purpurea: insights into its biotechnological relevance. Research in Microbiology, 2017, 168, 293-305.	2.1	39
25	Detection of Oxazolidinone Resistance Genes and Characterization of Genetic Environments in Enterococci of Swine Origin, Italy. Microorganisms, 2020, 8, 2021.	3.6	36
26	Resistome and virulome accretion in an NDM-1-producing ST147 sublineage of Klebsiella pneumoniae associated with an outbreak in Tuscany, Italy: a genotypic and phenotypic characterisation. Lancet Microbe, The, 2022, 3, e224-e234.	7.3	34
27	Colistin Resistance Caused by Inactivation of the MgrB Regulator Is Not Associated with Decreased Virulence of Sequence Type 258 KPC Carbapenemase-Producing Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2016, 60, 2509-2512.	3.2	32
28	High prevalence of carriage of mcr-1-positive enteric bacteria among healthy children from rural communities in the Chaco region, Bolivia, September to October 2016. Eurosurveillance, 2018, 23, .	7.0	32
29	Characterization of vB_Kpn_F48, a Newly Discovered Lytic Bacteriophage for Klebsiella pneumoniae of Sequence Type 101. Viruses, 2018, 10, 482.	3.3	31
30	In vitro time-kill kinetics of dalbavancin against Staphylococcus spp. biofilms over prolonged exposure times. Diagnostic Microbiology and Infectious Disease, 2020, 96, 114901.	1.8	31
31	Infections caused by carbapenem-resistant Klebsiella pneumoniae with hypermucoviscous phenotype: A case report and literature review. Virulence, 2017, 8, 1900-1908.	4.4	29
32	In vitro activity of N-acetylcysteine against Stenotrophomonas maltophilia and Burkholderia cepacia complex grown in planktonic phase and biofilm. PLoS ONE, 2018, 13, e0203941.	2.5	29
33	Differential Responses of Colorectal Cancer Cell Lines to Enterococcus faecalisâ€™ Strains Isolated from Healthy Donors and Colorectal Cancer Patients. Journal of Clinical Medicine, 2019, 8, 388.	2.4	28
34	Characterization of plasmid pAX22, encoding VIM-1 metallo-Î²-lactamase, reveals a new putative mechanism of In70 integron mobilization. Journal of Antimicrobial Chemotherapy, 2014, 69, 67-71.	3.0	26
35	Pseudomonas aeruginosa infection in cystic fibrosis caused by an epidemic metallo-Î²-lactamase-producing clone with a heterogeneous carbapenem resistance phenotype. Clinical Microbiology and Infection, 2011, 17, 1272-1275.	6.0	25
36	A simple phenotypic method for screening of MCR-1-mediated colistin resistance. Clinical Microbiology and Infection, 2018, 24, 201.e1-201.e3.	6.0	25

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37	Risk factors for esophageal cancer: emphasis on infectious agents. Annals of the New York Academy of Sciences, 2018, 1434, 319-332.	3.8	25
38	Characterization of Tn6349, a novel mosaic transposon carrying poxtA, cfr and other resistance determinants, inserted in the chromosome of an ST5-MRSA-II strain of clinical origin. Journal of Antimicrobial Chemotherapy, 2019, 74, 2870-2875.	3.0	25
39	The Gut Microbiota-Immunity Axis in ALS: A Role in Deciphering Disease Heterogeneity?. Biomedicines, 2021, 9, 753.	3.2	25
40	Characterization of a Novel Putative Xer-Dependent Integrative Mobile Element Carrying the bla _{NMC-A} Carbapenemase Gene, Inserted into the Chromosome of Members of the Enterobacter cloacae Complex. Antimicrobial Agents and Chemotherapy, 2015, 59, 6620-6624.	3.2	21
41	In vitro synergism of colistin in combination with N-acetylcysteine against Acinetobacter baumannii grown in planktonic phase and in biofilms. Journal of Antimicrobial Chemotherapy, 2018, 73, 2388-2395.	3.0	19
42	KPC-53, a KPC-3 Variant of Clinical Origin Associated with Reduced Susceptibility to Ceftazidime-Avibactam. Antimicrobial Agents and Chemotherapy, 2020, 65, .	3.2	19
43	Diversity of the epidemiology of carbapenemase-producing Enterobacteriaceae in long-term acute care rehabilitation settings from an area of hyperendemicity, and evaluation of an intervention bundle. Journal of Hospital Infection, 2018, 100, 29-34.	2.9	18
44	Interaction of Klebsiella pneumoniae with tissue macrophages in a mouse infection model and ex-vivo pig organ perfusions: an exploratory investigation. Lancet Microbe, The, 2021, 2, e695-e703.	7.3	18
45	pHN7A8-related multiresistance plasmids (blaCTX-M-65,fosA3andrmtB) detected in clinical isolates ofKlebsiella pneumoniaefrom Bolivia: intercontinental plasmid dissemination?. Journal of Antimicrobial Chemotherapy, 2016, 71, 1732-1734.	3.0	17
46	Treatment of severe infections due to metallo-Î²-lactamases-producing Gram-negative bacteria. Future Microbiology, 2020, 15, 1489-1505.	2.0	17
47	The Role of Dysbiosis in Critically Ill Patients With COVID-19 and Acute Respiratory Distress Syndrome. Frontiers in Medicine, 2021, 8, 671714.	2.6	17
48	Visceral sensitivity modulation by faecal microbiota transplantation: the active role of gut bacteria in pain persistence. Pain, 2022, 163, 861-877.	4.2	17
49	A five-component infection control bundle to permanently eliminate a carbapenem-resistant Acinetobacter baumannii spreading in an intensive care unit. Antimicrobial Resistance and Infection Control, 2021, 10, 123.	4.1	17
50	Tn 6249 , a New Tn 6162 Transposon Derivative Carrying a Double-Integron Platform and Involved with Acquisition of the bla _{VIM-1} Metallo-Î²-Lactamase Gene in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2015, 59, 1583-1587.	3.2	16
51	Staphylococcus aureus from hospital-acquired pneumonia from an Italian nationwide survey: activity of ceftobiprole and other anti-staphylococcal agents, and molecular epidemiology of methicillin-resistant isolates. Journal of Antimicrobial Chemotherapy, 2019, 74, 3453-3461.	3.0	15
52	Detection of poxtA2 , a Presumptive poxtA Ancestor, in a Plasmid from a Linezolid-Resistant Enterococcus gallinarum Isolate. Antimicrobial Agents and Chemotherapy, 2021, 65, e0069521.	3.2	14
53	Population structure of KPC carbapenemase-producing Klebsiella pneumoniae in a long-term acute-care rehabilitation facility: identification of a new lineage of clonal group 101, associated with local hyperendemicity. Microbial Genomics, 2020, 6, .	2.0	14
54	Results of the Italian infection-Carbapenem Resistance Evaluation Surveillance Trial (iCREST-IT): activity of ceftazidime/avibactam against Enterobacterales isolated from urine. Journal of Antimicrobial Chemotherapy, 2020, 75, 979-983.	3.0	12

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55	Characterization of pFOX-7a, a conjugative IncL/M plasmid encoding the FOX-7 AmpC-type Î²-lactamase, involved in a large outbreak in a neonatal intensive care unit. Journal of Antimicrobial Chemotherapy, 2014, 69, 2620-2624.	3.0	11
56	Supplementation with Lactiplantibacillus plantarum IMC 510 Modifies Microbiota Composition and Prevents Body Weight Gain Induced by Cafeteria Diet in Rats. International Journal of Molecular Sciences, 2021, 22, 11171.	4.1	11
57	Complete Genome Sequence of the First KPC-Type Carbapenemase-Positive Proteus mirabilis Strain from a Bloodstream Infection. Genome Announcements, 2016, 4, .	0.8	10
58	Identification of a Novel Plasmid Lineage Associated With the Dissemination of Metallo-Î²-Lactamase Genes Among Pseudomonads. Frontiers in Microbiology, 2019, 10, 1504.	3.5	10
59	Phage Resistance Is Associated with Decreased Virulence in KPC-Producing Klebsiella pneumoniae of the Clonal Group 258 Clade II Lineage. Microorganisms, 2021, 9, 762.	3.6	10
60	Newborn bacteraemia caused by anAeromonas caviaeproducing the VIM-1 and SHV-12 Î²-lactamases, encoded by a transferable plasmid: Table 1.. Journal of Antimicrobial Chemotherapy, 2016, 71, 272-274.	3.0	9
61	Inhibitory activity of avibactam against selected Î²-lactamases expressed in an isogenic Escherichia coli strain. Diagnostic Microbiology and Infectious Disease, 2016, 86, 83-85.	1.8	8
62	Microbial community composition of water samples stored inside the International Space Station. Research in Microbiology, 2019, 170, 230-234.	2.1	8
63	Characterisation of blaKPC-2â€“harbouring plasmids recovered from Pseudomonas aeruginosa ST654 and ST235 high-risk clones. Journal of Global Antimicrobial Resistance, 2022, 29, 310-312.	2.2	8
64	Characterization of the first blaCTX-M-14/ermB-carrying IncI1 plasmid from Latin America. Plasmid, 2019, 102, 1-5.	1.4	7
65	Complete sequence of pV404, a novel IncI1 plasmid harbouring blaCTX-M-14 in an original genetic context. International Journal of Antimicrobial Agents, 2014, 44, 374-376.	2.5	6
66	Elevated MICs of Susceptible Anti-Pseudomonal Cephalosporins in Non-Carbapenemase-Producing, Carbapenem-Resistant Pseudomonas aeruginosa : Implications for Dose Optimization. Antimicrobial Agents and Chemotherapy, 2021, 65, e0120421.	3.2	6
67	Effects of viremia and CD4 recovery on gut â€œmicrobiome-immunityâ€•axis in treatment-naÃ¯ve HIV-1-infected patients undergoing antiretroviral therapy. World Journal of Gastroenterology, 2022, 28, 635-652.	3.3	6
68	Activity of N -Acetylcysteine Alone and in Combination with Colistin against Pseudomonas aeruginosa Biofilms and Transcriptomic Response to N -Acetylcysteine Exposure. Microbiology Spectrum, 2022, 10, .	3.0	6
69	Influence of a 3-months low-calorie Mediterranean diet vs. Vegetarian diet on human gut microbiota and SCFA: the CARDIVEG Study. Proceedings of the Nutrition Society, 2020, 79, .	1.0	5
70	Hypervirulent Klebsiella pneumoniae Strains Modulate Human Dendritic Cell Functions and Affect TH1/TH17 Response. Microorganisms, 2022, 10, 384.	3.6	5
71	Draft Genome Sequence of Pseudomonas sp. Strain Ep R1 Isolated from Echinacea purpurea Roots and Effective in the Growth Inhibition of Human Opportunistic Pathogens Belonging to the Burkholderia cepacia Complex. Genome Announcements, 2017, 5, .	0.8	4
72	Description of novel resistance islands harbouring blaCTX-M-2 in IncC type 2 plasmids. Journal of Global Antimicrobial Resistance, 2021, 26, 37-41.	2.2	4

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73	Arthrobacter sp. EpRS66 and Arthrobacter sp. EpRS71: Draft Genome Sequences from Two Bacteria Isolated from Echinacea purpurea Rhizospheric Soil. Frontiers in Microbiology, 2016, 7, 1417.	3.5	3
74	New Genome Sequence of an Echinacea purpurea Endophyte, Arthrobacter sp. Strain EpSL27, Able To Inhibit Human-Opportunistic Pathogens. Genome Announcements, 2017, 5, .	0.8	3
75	Validation of Two Commercial Multiplex Real-Time PCR Assays for Detection of SARS-CoV-2 in Stool Donors for Fecal Microbiota Transplantation. Microorganisms, 2022, 10, 284.	3.6	3
76	Draft Genome Sequence of Clostridium difficile Belonging to Ribotype 018 and Sequence Type 17. Genome Announcements, 2016, 4, .	0.8	2
77	Mother-to-child transmission of KPC-producing Klebsiella pneumoniae : potential relevance of a low microbial urinary load for screening purposes. Journal of Hospital Infection, 2018, 98, 314-316.	2.9	2
78	Draft Genome Sequence of Pseudomonas sp. EpS/L25, Isolated from the Medicinal Plant Echinacea purpurea and Able To Synthesize Antimicrobial Compounds. Genome Announcements, 2016, 4, .	0.8	0
79	Draft Genome Sequence of the Agarase-Producing Sphingomonas sp. MCT13. Frontiers in Environmental Science, 2017, 5, .	3.3	0