

Vincenzo Di Pilato

List of Publications by Year in descending order

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Version: 2024-02-01

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	Visceral sensitivity modulation by faecal microbiota transplantation: the active role of gut bacteria in pain persistence. <i>Pain</i> , 2022, 163, 861-877.	4.2	17
2	Validation of Two Commercial Multiplex Real-Time PCR Assays for Detection of SARS-CoV-2 in Stool Donors for Fecal Microbiota Transplantation. <i>Microorganisms</i> , 2022, 10, 284.	3.6	3
3	Effects of viremia and CD4 recovery on gut microbiome-immunity axis in treatment-naïve HIV-1-infected patients undergoing antiretroviral therapy. <i>World Journal of Gastroenterology</i> , 2022, 28, 635-652.	3.3	6
4	Resistome and virulome accretion in an NDM-1-producing ST147 sublineage of <i>Klebsiella pneumoniae</i> associated with an outbreak in Tuscany, Italy: a genotypic and phenotypic characterisation. <i>Lancet Microbe</i> , The, 2022, 3, e224-e234.	7.3	34
5	Hypervirulent <i>Klebsiella pneumoniae</i> Strains Modulate Human Dendritic Cell Functions and Affect TH1/TH17 Response. <i>Microorganisms</i> , 2022, 10, 384.	3.6	5
6	<i>Candida auris</i> Candidemia in Critically Ill, Colonized Patients: Cumulative Incidence and Risk Factors. <i>Infectious Diseases and Therapy</i> , 2022, 11, 1149-1160.	4.0	51
7	Characterisation of blaKPC-2 harbouring plasmids recovered from <i>Pseudomonas aeruginosa</i> ST654 and ST235 high-risk clones. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 310-312.	2.2	8
8	Activity of N-Acetylcysteine Alone and in Combination with Colistin against <i>Pseudomonas aeruginosa</i> Biofilms and Transcriptomic Response to N-Acetylcysteine Exposure. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	6
9	The changing epidemiology of carbapenemase-producing <i>Klebsiella pneumoniae</i> in Italy: toward polyclonal evolution with emergence of high-risk lineages. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 355-361.	3.0	43
10	Spread of Carbapenem-Resistant Gram-Negatives and <i>Candida auris</i> during the COVID-19 Pandemic in Critically Ill Patients: One Step Back in Antimicrobial Stewardship?. <i>Microorganisms</i> , 2021, 9, 95.	3.6	77
11	Molecular Epidemiological Investigation of a Nosocomial Cluster of <i>C. auris</i> : Evidence of Recent Emergence in Italy and Ease of Transmission during the COVID-19 Pandemic. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1031.	3.5	8
12	Phage Resistance Is Associated with Decreased Virulence in KPC-Producing <i>Klebsiella pneumoniae</i> of the Clonal Group 258 Clade II Lineage. <i>Microorganisms</i> , 2021, 9, 762.	3.6	10
13	The Gut Microbiota-Immunity Axis in ALS: A Role in Deciphering Disease Heterogeneity?. <i>Biomedicines</i> , 2021, 9, 753.	3.2	25
14	The Role of Dysbiosis in Critically Ill Patients With COVID-19 and Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 671714.	2.6	17
15	Detection of poxA2, a Presumptive poxA Ancestor, in a Plasmid from a Linezolid-Resistant <i>Enterococcus gallinarum</i> Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0069521.	3.2	14
16	A five-component infection control bundle to permanently eliminate a carbapenem-resistant <i>Acinetobacter baumannii</i> spreading in an intensive care unit. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 123.	4.1	17
17	Elevated MICs of Susceptible Anti-Pseudomonal Cephalosporins in Non-Carbapenemase-Producing, Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> : Implications for Dose Optimization. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0120421.	3.2	6
18	Description of novel resistance islands harbouring blaCTX-M-2 in IncC type 2 plasmids. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 26, 37-41.	2.2	4

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19	Interaction of <i>Klebsiella pneumoniae</i> with tissue macrophages in a mouse infection model and ex-vivo pig organ perfusions: an exploratory investigation. <i>Lancet Microbe</i> , The, 2021, 2, e695-e703.	7.3	18
20	Supplementation with <i>Lactiplantibacillus plantarum</i> IMC 510 Modifies Microbiota Composition and Prevents Body Weight Gain Induced by Cafeteria Diet in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11171.	4.1	11
21	In vitro time-kill kinetics of dalbavancin against <i>Staphylococcus</i> spp. biofilms over prolonged exposure times. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 96, 114901.	1.8	31
22	Influence of a 3-month low-calorie Mediterranean diet compared to the vegetarian diet on human gut microbiota and SCFA: the CARDIVEG Study. <i>European Journal of Nutrition</i> , 2020, 59, 2011-2024.	3.9	94
23	Influence of a 3-months low-calorie Mediterranean diet vs. Vegetarian diet on human gut microbiota and SCFA: the CARDIVEG Study. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	1.0	5
24	Treatment of severe infections due to metallo- β -lactamases-producing Gram-negative bacteria. <i>Future Microbiology</i> , 2020, 15, 1489-1505.	2.0	17
25	KPC-53, a KPC-3 Variant of Clinical Origin Associated with Reduced Susceptibility to Ceftazidime-Avibactam. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	19
26	Detection of Oxazolidinone Resistance Genes and Characterization of Genetic Environments in Enterococci of Swine Origin, Italy. <i>Microorganisms</i> , 2020, 8, 2021.	3.6	36
27	Results of the Italian infection-Carbapenem Resistance Evaluation Surveillance Trial (iCREST-IT): activity of ceftazidime/avibactam against Enterobacterales isolated from urine. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 979-983.	3.0	12
28	Ceftazidime-Avibactam Resistance Associated with Increased <i>bla</i> KPC-3 Gene Copy Number Mediated by pKpQIL Plasmid Derivatives in Sequence Type 258 <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	47
29	Clinical Features and Outcomes of Bloodstream Infections Caused by New Delhi Metallo- β -Lactamase-Producing Enterobacterales During a Regional Outbreak. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa011.	0.9	47
30	Population structure of KPC carbapenemase-producing <i>Klebsiella pneumoniae</i> in a long-term acute-care rehabilitation facility: identification of a new lineage of clonal group 101, associated with local hyperendemicity. <i>Microbial Genomics</i> , 2020, 6, .	2.0	14
31	Characterization of Tn6349, a novel mosaic transposon carrying <i>poxtA</i> , <i>cfp</i> and other resistance determinants, inserted in the chromosome of an ST5-MRSA-II strain of clinical origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2870-2875.	3.0	25
32	Identification of a Novel Plasmid Lineage Associated With the Dissemination of Metallo- β -Lactamase Genes Among Pseudomonads. <i>Frontiers in Microbiology</i> , 2019, 10, 1504.	3.5	10
33	<i>Staphylococcus aureus</i> from hospital-acquired pneumonia from an Italian nationwide survey: activity of ceftobiprole and other anti-staphylococcal agents, and molecular epidemiology of methicillin-resistant isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3453-3461.	3.0	15
34	Microbial community composition of water samples stored inside the International Space Station. <i>Research in Microbiology</i> , 2019, 170, 230-234.	2.1	8
35	KPC-31 expressed in a ceftazidime/avibactam-resistant <i>Klebsiella pneumoniae</i> is associated with relevant detection issues. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2464-2466.	3.0	40
36	Differential Responses of Colorectal Cancer Cell Lines to <i>Enterococcus faecalis</i> ™ Strains Isolated from Healthy Donors and Colorectal Cancer Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 388.	2.4	28

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37	Characterization of the first blaCTX-M-14/ermB-carrying IncI1 plasmid from Latin America. <i>Plasmid</i> , 2019, 102, 1-5.	1.4	7
38	Italian nationwide survey on <i>Pseudomonas aeruginosa</i> from invasive infections: activity of ceftolozane/tazobactam and comparators, and molecular epidemiology of carbapenemase producers. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 664-671.	3.0	71
39	Characterization of Extensively Drug-Resistant or Pandrug-Resistant Sequence Type 147 and 101 OXA-48-Producing <i>Klebsiella pneumoniae</i> Causing Bloodstream Infections in Patients in an Intensive Care Unit. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	54
40	Mother-to-child transmission of KPC-producing <i>Klebsiella pneumoniae</i> : potential relevance of a low microbial urinary load for screening purposes. <i>Journal of Hospital Infection</i> , 2018, 98, 314-316.	2.9	2
41	A simple phenotypic method for screening of MCR-1-mediated colistin resistance. <i>Clinical Microbiology and Infection</i> , 2018, 24, 201.e1-201.e3.	6.0	25
42	In vitro activity of N-acetylcysteine against <i>Stenotrophomonas maltophilia</i> and <i>Burkholderia cepacia</i> complex grown in planktonic phase and biofilm. <i>PLoS ONE</i> , 2018, 13, e0203941.	2.5	29
43	Characterization of a Multiresistance Plasmid Carrying the <i>oprA</i> and <i>cfr</i> Resistance Genes From an <i>Enterococcus faecium</i> Clinical Isolate. <i>Frontiers in Microbiology</i> , 2018, 9, 2189.	3.5	45
44	Characterization of vB_Kpn_F48, a Newly Discovered Lytic Bacteriophage for <i>Klebsiella pneumoniae</i> of Sequence Type 101. <i>Viruses</i> , 2018, 10, 482.	3.3	31
45	Risk factors for esophageal cancer: emphasis on infectious agents. <i>Annals of the New York Academy of Sciences</i> , 2018, 1434, 319-332.	3.8	25
46	In vitro synergism of colistin in combination with N-acetylcysteine against <i>Acinetobacter baumannii</i> grown in planktonic phase and in biofilms. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2388-2395.	3.0	19
47	Proposal for assignment of allele numbers for mobile colistin resistance (<i>mcr</i>) genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2625-2630.	3.0	101
48	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. <i>Journal of Hospital Infection</i> , 2018, 100, 29-34.	2.9	18
49	High prevalence of carriage of <i>mcr-1</i> -positive enteric bacteria among healthy children from rural communities in the Chaco region, Bolivia, September to October 2016. <i>Eurosurveillance</i> , 2018, 23, .	7.0	32
50	Infections caused by carbapenem-resistant <i>Klebsiella pneumoniae</i> with hypermucoviscous phenotype: A case report and literature review. <i>Virulence</i> , 2017, 8, 1900-1908.	4.4	29
51	<i>Citrobacter braakii</i> carrying plasmid-borne <i>mcr-1</i> colistin resistance gene from ready-to-eat food from a market in the Chaco region of Bolivia. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2127-2129.	3.0	42
52	New Genome Sequence of an <i>Echinacea purpurea</i> Endophyte, <i>Arthrobacter</i> sp. Strain EpSL27, Able To Inhibit Human-Opportunistic Pathogens. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
53	An allelic variant of the PmrB sensor kinase responsible for colistin resistance in an <i>Escherichia coli</i> strain of clinical origin. <i>Scientific Reports</i> , 2017, 7, 5071.	3.3	42
54	Phenotypic and genomic characterization of the antimicrobial producer <i>Rheinheimera</i> sp. EpRS3 isolated from the medicinal plant <i>Echinacea purpurea</i> : insights into its biotechnological relevance. <i>Research in Microbiology</i> , 2017, 168, 293-305.	2.1	39

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55	Draft Genome Sequence of the Agarase-Producing <i>Sphingomonas</i> sp. MCT13. <i>Frontiers in Environmental Science</i> , 2017, 5, .	3.3	0
56	Draft Genome Sequence of <i>Pseudomonas</i> sp. Strain Ep R1 Isolated from <i>Echinacea purpurea</i> Roots and Effective in the Growth Inhibition of Human Opportunistic Pathogens Belonging to the <i>Burkholderia cepacia</i> Complex. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
57	<i>Arthrobacter</i> sp. EpRS66 and <i>Arthrobacter</i> sp. EpRS71: Draft Genome Sequences from Two Bacteria Isolated from <i>Echinacea purpurea</i> Rhizospheric Soil. <i>Frontiers in Microbiology</i> , 2016, 7, 1417.	3.5	3
58	Draft Genome Sequence of <i>Clostridium difficile</i> Belonging to Ribotype 018 and Sequence Type 17. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
59	<i>mcr-1.2</i> , a New <i>mcr</i> Variant Carried on a Transferable Plasmid from a Colistin-Resistant KPC Carbapenemase-Producing <i>Klebsiella pneumoniae</i> Strain of Sequence Type 512. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5612-5615.	3.2	165
60	Newborn bacteraemia caused by an <i>Aeromonas caviae</i> producing the VIM-1 and SHV-12 β -lactamases, encoded by a transferable plasmid: Table 1.. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 272-274.	3.0	9
61	The esophageal microbiota in health and disease. <i>Annals of the New York Academy of Sciences</i> , 2016, 1381, 21-33.	3.8	119
62	Draft Genome Sequence of <i>Pseudomonas</i> sp. EpS/L25, Isolated from the Medicinal Plant <i>Echinacea purpurea</i> and Able To Synthesize Antimicrobial Compounds. <i>Genome Announcements</i> , 2016, 4, .	0.8	0
63	Characterization of KPC-encoding plasmids from two endemic settings, Greece and Italy. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2824-2830.	3.0	53
64	Complete Genome Sequence of the First KPC-Type Carbapenemase-Positive <i>Proteus mirabilis</i> Strain from a Bloodstream Infection. <i>Genome Announcements</i> , 2016, 4, .	0.8	10
65	pHN7A8-related multiresistance plasmids (<i>bla</i> CTX-M-65, <i>fosA3</i> and <i>rrmTb</i>) detected in clinical isolates of <i>Klebsiella pneumoniae</i> from Bolivia: intercontinental plasmid dissemination?. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1732-1734.	3.0	17
66	Inhibitory activity of avibactam against selected β -lactamases expressed in an isogenic <i>Escherichia coli</i> strain. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 83-85.	1.8	8
67	Colistin Resistance Caused by Inactivation of the MgrB Regulator Is Not Associated with Decreased Virulence of Sequence Type 258 KPC Carbapenemase-Producing <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2509-2512.	3.2	32
68	Draft Genome Sequence of the First Hypermucoviscous <i>Klebsiella quasipneumoniae</i> subsp. <i>quasipneumoniae</i> Isolate from a Bloodstream Infection. <i>Genome Announcements</i> , 2015, 3, .	0.8	40
69	Tn <i>6249</i> , a New Tn <i>6162</i> Transposon Derivative Carrying a Double-Integron Platform and Involved with Acquisition of the <i>bla</i> _{VIM-1} Metallo- β -Lactamase Gene in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1583-1587.	3.2	16
70	Characterization of a Novel Putative Xer-Dependent Integrative Mobile Element Carrying the <i>bla</i> _{NMC-A} Carbapenemase Gene, Inserted into the Chromosome of Members of the <i>Enterobacter cloacae</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6620-6624.	3.2	21
71	Characterization of Inc11 Sequence Type 71 Epidemic Plasmid Lineage Responsible for the Recent Dissemination of CTX-M-65 Extended-Spectrum β -Lactamase in the Bolivian Chaco Region. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5340-5347.	3.2	56
72	Characterization of pFOX-7a, a conjugative Inc1/M plasmid encoding the FOX-7 AmpC-type β -lactamase, involved in a large outbreak in a neonatal intensive care unit. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2620-2624.	3.0	11

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73	Characterization of plasmid pAX22, encoding VIM-1 metallo- β -lactamase, reveals a new putative mechanism of In70 integron mobilization. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 67-71.	3.0	26
74	Complete sequence of pV404, a novel IncI1 plasmid harbouring blaCTX-M-14 in an original genetic context. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 374-376.	2.5	6
75	MgrB Inactivation Is a Common Mechanism of Colistin Resistance in KPC-Producing <i>Klebsiella pneumoniae</i> of Clinical Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5696-5703.	3.2	297
76	<i>In Vivo</i> Evolution to Colistin Resistance by PmrB Sensor Kinase Mutation in KPC-Producing <i>Klebsiella pneumoniae</i> Is Associated with Low-Dosage Colistin Treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4399-4403.	3.2	113
77	<i>In Vivo</i> Emergence of Colistin Resistance in <i>Klebsiella pneumoniae</i> Producing KPC-Type Carbapenemases Mediated by Insertional Inactivation of the PhoQ/PhoP <i>mgrB</i> Regulator. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5521-5526.	3.2	316
78	<i>Escherichia coli</i> from Italy Producing OXA-48 Carbapenemase Encoded by a Novel Tn 1999 Transposon Derivative. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2211-2213.	3.2	73
79	<i>Pseudomonas aeruginosa</i> infection in cystic fibrosis caused by an epidemic metallo- β -lactamase-producing clone with a heterogeneous carbapenem resistance phenotype. <i>Clinical Microbiology and Infection</i> , 2011, 17, 1272-1275.	6.0	25