

Francesco Imperi

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,329
citations

185998

28
h-index

233125

45
g-index

45
all docs

45
docs citations

45
times ranked

4209
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyoverdine siderophores: from biogenesis to biosignificance. <i>Trends in Microbiology</i> , 2007, 15, 22-30.	3.5	468
2	Whole-Genome Pyrosequencing of an Epidemic Multidrug-Resistant <i>Acinetobacter baumannii</i> Strain Belonging to the European Clone II Group. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2616-2625.	1.4	240
3	Deciphering the Multifactorial Nature of <i>Acinetobacter baumannii</i> Pathogenicity. <i>PLoS ONE</i> , 2011, 6, e22674.	1.1	196
4	Role of Iron Uptake Systems in <i>Pseudomonas aeruginosa</i> Virulence and Airway Infection. <i>Infection and Immunity</i> , 2016, 84, 2324-2335.	1.0	192
5	Molecular basis of pyoverdine siderophore recycling in <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20440-20445.	3.3	184
6	New Life for an Old Drug: the Anthelmintic Drug Niclosamide Inhibits <i>Pseudomonas aeruginosa</i> Quorum Sensing. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 996-1005.	1.4	169
7	The genomics of <i>Acinetobacter baumannii</i> : Insights into genome plasticity, antimicrobial resistance and pathogenicity. <i>IUBMB Life</i> , 2011, 63, 1068-1074.	1.5	157
8	Repurposing the antimycotic drug flucytosine for suppression of <i>Pseudomonas aeruginosa</i> pathogenicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7458-7463.	3.3	141
9	Cell-surface signaling in <i>Pseudomonas</i> : stress responses, iron transport, and pathogenicity. <i>FEMS Microbiology Reviews</i> , 2014, 38, 569-597.	3.9	137
10	Promises and failures of gallium as an antibacterial agent. <i>Future Microbiology</i> , 2014, 9, 379-397.	1.0	131
11	Antivirulence activity of azithromycin in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 178.	1.5	107
12	Repurposing of gallium-based drugs for antibacterial therapy. <i>BioFactors</i> , 2014, 40, 303-312.	2.6	98
13	The <i>GacR</i> and cyclic <i>GMP</i> signalling networks coordinately regulate iron uptake in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2014, 16, 676-688.	1.8	76
14	Effect of efflux pump inhibition on <i>Pseudomonas aeruginosa</i> transcriptome and virulence. <i>Scientific Reports</i> , 2017, 7, 11392.	1.6	76
15	Transcriptional control of the <i>pvdS</i> iron starvation sigma factor gene by the master regulator of sulfur metabolism CysB in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2010, 12, 1630-1642.	1.8	70
16	Toward Repositioning Niclosamide for Antivirulence Therapy of <i>Pseudomonas aeruginosa</i> Lung Infections: Development of Inhalable Formulations through Nanosuspension Technology. <i>Molecular Pharmaceutics</i> , 2015, 12, 2604-2617.	2.3	64
17	Ferric Uptake Regulator Fur Is Conditionally Essential in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	64
18	Intracellular levels and activity of PvdS, the major iron starvation sigma factor of <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2008, 67, 213-227.	1.2	63

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19	Molecular Epidemiology and Virulence Profiles of Colistin-Resistant <i>Klebsiella pneumoniae</i> Blood Isolates From the Hospital Agency "Ospedale dei Colli," Naples, Italy. <i>Frontiers in Microbiology</i> , 2018, 9, 1463.	1.5	61
20	A multitask biosensor for micro-volumetric detection of N-3-oxo-dodecanoyl-homoserine lactone quorum sensing signal. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3444-3449.	5.3	60
21	Pyochelin Potentiates the Inhibitory Activity of Gallium on <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5572-5575.	1.4	52
22	The Periplasmic Protein TolB as a Potential Drug Target in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2014, 9, e103784.	1.1	52
23	Cell aggregation promotes pyoverdine-dependent iron uptake and virulence in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 902.	1.5	50
24	Pyoverdine and Proteases Affect the Response of <i>Pseudomonas aeruginosa</i> to Gallium in Human Serum. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5641-5646.	1.4	47
25	Involvement of <i>Pseudomonas aeruginosa</i> Rhodanese in Protection from Cyanide Toxicity. <i>Applied and Environmental Microbiology</i> , 2007, 73, 390-398.	1.4	44
26	Activity and Impact on Resistance Development of Two Antivirulence Fluoropyrimidine Drugs in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 49.	1.8	37
27	Subcellular localization of the pyoverdine biogenesis machinery of <i>Pseudomonas aeruginosa</i> : A membrane-associated "siderosome". <i>FEBS Letters</i> , 2013, 587, 3387-3391.	1.3	30
28	In vitro and in vivo screening for novel essential cell-envelope proteins in <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2015, 5, 17593.	1.6	29
29	<i>Pseudomonas aeruginosa</i> LptE is crucial for LptD assembly, cell envelope integrity, antibiotic resistance and virulence. <i>Virulence</i> , 2018, 9, 1718-1733.	1.8	29
30	Drug repurposing for antivirulence therapy against opportunistic bacterial pathogens. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 13-22.	1.1	24
31	PqsE Expands and Differentially Modulates the RhIR Quorum Sensing Regulon in <i>Pseudomonas aeruginosa</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	23
32	Membrane-association determinants of the γ -amino acid monooxygenase PvdA, a pyoverdine biosynthetic enzyme from <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 2804-2813.	0.7	22
33	Aminoarabinylation of Lipid A Is Critical for the Development of Colistin Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	21
34	Genetic Basis and Physiological Effects of Lipid A Hydroxylation in <i>Pseudomonas aeruginosa</i> PAO1. <i>Pathogens</i> , 2019, 8, 291.	1.2	16
35	<i>ent</i> -Beyerane Diterpenes as a Key Platform for the Development of ArnT-Mediated Colistin Resistance Inhibitors. <i>Journal of Organic Chemistry</i> , 2020, 85, 10891-10901.	1.7	16
36	A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2564-2572.	1.3	15

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37	An essential transcriptional regulator: the case of <i>Pseudomonas aeruginosa</i> Fur. <i>Future Microbiology</i> , 2018, 13, 853-856.	1.0	10
38	Effect of lipid A aminoarabinylation on <i>Pseudomonas aeruginosa</i> colistin resistance and fitness. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105957.	1.1	10
39	Exogenous and Endogenous Phosphoethanolamine Transferases Differently Affect Colistin Resistance and Fitness in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 778968.	1.5	10
40	Structural and functional investigation of the Small Ribosomal Subunit Biogenesis GTPase A (RsgA) from <i>Pseudomonas aeruginosa</i> . <i>FEBS Journal</i> , 2019, 286, 4245-4260.	2.2	9
41	The antimetabolite 3-bromopyruvate selectively inhibits <i>Staphylococcus aureus</i> . <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 449-455.	1.1	9
42	Mutational analysis of the essential lipopolysaccharide-transport protein LptH of <i>Pseudomonas aeruginosa</i> to uncover critical oligomerization sites. <i>Scientific Reports</i> , 2020, 10, 11276.	1.6	6
43	Generation of Genetic Tools for Gauging Multiple-Gene Expression at the Single-Cell Level. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	6
44	RecA and Specialized Error-Prone DNA Polymerases Are Not Required for Mutagenesis and Antibiotic Resistance Induced by Fluoroquinolones in <i>Pseudomonas aeruginosa</i> . <i>Antibiotics</i> , 2022, 11, 325.	1.5	5
45	Effect of a Defective Clamp Loader Complex of DNA Polymerase III on Growth and SOS Response in <i>Pseudomonas aeruginosa</i> . <i>Microorganisms</i> , 2022, 10, 423.	1.6	3