

Francesco Imperi

List of Publications by Year in descending order

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45
papers

3,329
citations

186265
28
h-index

233421
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. Trends in Microbiology, 2007, 15, 22-30.	7.7	468
2	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
3	Deciphering the Multifactorial Nature of <i>Acinetobacter baumannii</i> Pathogenicity. PLoS ONE, 2011, 6, e22674.	2.5	196
4	Role of Iron Uptake Systems in <i>Pseudomonas aeruginosa</i> Virulence and Airway Infection. Infection and Immunity, 2016, 84, 2324-2335.	2.2	192
5	Molecular basis of pyoverdine siderophore recycling in <i>Pseudomonas aeruginosa</i> . Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20440-20445.	7.1	184
6	New Life for an Old Drug: the Anthelmintic Drug Niclosamide Inhibits <i>Pseudomonas aeruginosa</i> Quorum Sensing. Antimicrobial Agents and Chemotherapy, 2013, 57, 996-1005.	3.2	169
7	The genomics of <i>Acinetobacter baumannii</i> : Insights into genome plasticity, antimicrobial resistance and pathogenicity. IUBMB Life, 2011, 63, 1068-1074.	3.4	157
8	Repurposing the antimycotic drug flucytosine for suppression of <i>Pseudomonas aeruginosa</i> pathogenicity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7458-7463.	7.1	141
9	Cell-surface signaling in <i>Pseudomonas</i> : stress responses, iron transport, and pathogenicity. FEMS Microbiology Reviews, 2014, 38, 569-597.	8.6	137
10	Promises and failures of gallium as an antibacterial agent. Future Microbiology, 2014, 9, 379-397.	2.0	131
11	Antivirulence activity of azithromycin in <i>Pseudomonas aeruginosa</i> . Frontiers in Microbiology, 2014, 5, 178.	3.5	107
12	Repurposing of gallium-based drugs for antibacterial therapy. BioFactors, 2014, 40, 303-312.	5.4	98
13	The <i>GacR</i> and cyclic <i>GMP</i> signalling networks coordinately regulate iron uptake in <i>Pseudomonas aeruginosa</i> . Environmental Microbiology, 2014, 16, 676-688.	3.8	76
14	Effect of efflux pump inhibition on <i>Pseudomonas aeruginosa</i> transcriptome and virulence. Scientific Reports, 2017, 7, 11392.	3.3	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> . Environmental Microbiology, 2010, 12, 1630-1642.	3.8	70
16	Toward Repositioning Niclosamide for Antivirulence Therapy of <i>Pseudomonas aeruginosa</i> Lung Infections: Development of Inhalable Formulations through Nanosuspension Technology. Molecular Pharmaceutics, 2015, 12, 2604-2617.	4.6	64
17	Ferric Uptake Regulator Fur Is Conditionally Essential in <i>Pseudomonas aeruginosa</i> . Journal of Bacteriology, 2017, 199, .	2.2	64
18	Intracellular levels and activity of PvdS, the major iron starvation sigma factor of <i>Pseudomonas aeruginosa</i> . Molecular Microbiology, 2008, 67, 213-227.	2.5	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.	3.5	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.	10.1	60
21	Pyochelin Potentiates the Inhibitory Activity of Gallium on <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5572-5575.	3.2	52
22	The Periplasmic Protein TolB as a Potential Drug Target in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2014, 9, e103784.	2.5	52
23	Cell aggregation promotes pyoverdine-dependent iron uptake and virulence in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 902.	3.5	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.	3.2	47
25	Involvement of <i>Pseudomonas aeruginosa</i> Rhodanese in Protection from Cyanide Toxicity. <i>Applied and Environmental Microbiology</i> , 2007, 73, 390-398.	3.1	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.	3.9	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.	2.8	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.	3.3	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.	4.4	29
30	Drug repurposing for antivirulence therapy against opportunistic bacterial pathogens. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 13-22.	2.6	24
31	PqsE Expands and Differentially Modulates the RhIR Quorum Sensing Regulon in <i>Pseudomonas aeruginosa</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	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.	1.8	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, .	3.2	21
34	Genetic Basis and Physiological Effects of Lipid A Hydroxylation in <i>Pseudomonas aeruginosa</i> PAO1. <i>Pathogens</i> , 2019, 8, 291.	2.8	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.	3.2	16
36	A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2564-2572.	3.0	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.	2.0	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.	2.5	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.	3.5	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.	4.7	9
41	The antimetabolite 3-bromopyruvate selectively inhibits <i>Staphylococcus aureus</i> . <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 449-455.	2.5	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.	3.3	6
43	Generation of Genetic Tools for Gauging Multiple-Gene Expression at the Single-Cell Level. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	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.	3.7	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.	3.6	3