Francesco Imperi

List of Publications by Year
in descending order

45	3,329	28	45
papers	citations	h-index	g-index
		186265	233421

45	45	45	4209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	RecA and Specialized Error-Prone DNA Polymerases Are Not Required for Mutagenesis and Antibiotic Resistance Induced by Fluoroquinolones in Pseudomonas aeruginosa. Antibiotics, 2022, 11, 325.	3.7	5
2	Effect of a Defective Clamp Loader Complex of DNA Polymerase III on Growth and SOS Response in Pseudomonas aeruginosa. Microorganisms, 2022, 10, 423.	3.6	3
3	PqsE Expands and Differentially Modulates the RhlR Quorum Sensing Regulon in Pseudomonas aeruginosa. Microbiology Spectrum, 2022, 10, .	3.0	23
4	Generation of Genetic Tools for Gauging Multiple-Gene Expression at the Single-Cell Level. Applied and Environmental Microbiology, 2021, 87, .	3.1	6
5	Exogenous and Endogenous Phosphoethanolamine Transferases Differently Affect Colistin Resistance and Fitness in Pseudomonas aeruginosa. Frontiers in Microbiology, 2021, 12, 778968.	3.5	10
6	Mutational analysis of the essential lipopolysaccharide-transport protein LptH of Pseudomonas aeruginosa to uncover critical oligomerization sites. Scientific Reports, 2020, 10, 11276.	3.3	6
7	<i>ent</i>-Beyerane Diterpenes as a Key Platform for the Development of ArnT-Mediated Colistin Resistance Inhibitors. Journal of Organic Chemistry, 2020, 85, 10891-10901.	3.2	16
8	A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. Journal of Antimicrobial Chemotherapy, 2020, 75, 2564-2572.	3.0	15
9	Effect of lipid A aminoarabinosylation on Pseudomonas aeruginosa colistin resistance and fitness. International Journal of Antimicrobial Agents, 2020, 55, 105957.	2.5	10
10	Structural and functional investigation of the Small Ribosomal Subunit Biogenesis GTP ase A (RsgA) from PseudomonasÂaeruginosa. FEBS Journal, 2019, 286, 4245-4260.	4.7	9
11	Activity and Impact on Resistance Development of Two Antivirulence Fluoropyrimidine Drugs in Pseudomonas aeruginosa. Frontiers in Cellular and Infection Microbiology, 2019, 9, 49.	3.9	37
12	Genetic Basis and Physiological Effects of Lipid A Hydroxylation in Pseudomonas aeruginosa PAO1. Pathogens, 2019, 8, 291.	2.8	16
13	The antimetabolite 3-bromopyruvate selectively inhibits Staphylococcus aureus. International Journal of Antimicrobial Agents, 2019, 53, 449-455.	2.5	9
14	Aminoarabinosylation of Lipid A Is Critical for the Development of Colistin Resistance in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	21
15	<i>Pseudomonas aeruginosa</i> LptE is crucial for LptD assembly, cell envelope integrity, antibiotic resistance and virulence. Virulence, 2018, 9, 1718-1733.	4.4	29
16	Molecular Epidemiology and Virulence Profiles of Colistin-Resistant Klebsiella pneumoniae Blood Isolates From the Hospital Agency â€œOspedale dei Colli,â€• Naples, Italy. Frontiers in Microbiology, 2018, 9, 1463.	3.5	61
17	An essential transcriptional regulator: the case of <i>Pseudomonas aeruginosa</i> Fur. Future Microbiology, 2018, 13, 853-856.	2.0	10
18	Ferric Uptake Regulator Fur Is Conditionally Essential in Pseudomonas aeruginosa. Journal of Bacteriology, 2017, 199, .	2.2	64

#	Article	IF	Citations
19	Effect of efflux pump inhibition on Pseudomonas aeruginosa transcriptome and virulence. Scientific Reports, 2017, 7, 11392.	3.3	76
20	Drug repurposing for antivirulence therapy against opportunistic bacterial pathogens. Emerging Topics in Life Sciences, 2017, 1, 13-22.	2.6	24
21	Role of Iron Uptake Systems in Pseudomonas aeruginosa Virulence and Airway Infection. Infection and Immunity, 2016, 84, 2324-2335.	2.2	192
22	In vitro and in vivo screening for novel essential cell-envelope proteins in Pseudomonas aeruginosa. Scientific Reports, 2015, 5, 17593.	3.3	29
23	Cell aggregation promotes pyoverdine-dependent iron uptake and virulence in Pseudomonas aeruginosa. Frontiers in Microbiology, 2015, 6, 902.	3.5	50
24	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
25	Pyoverdine and Proteases Affect the Response of Pseudomonas aeruginosa to Gallium in Human Serum. Antimicrobial Agents and Chemotherapy, 2015, 59, 5641-5646.	3.2	47
26	Antivirulence activity of azithromycin in Pseudomonas aeruginosa. Frontiers in Microbiology, 2014, 5, 178.	3.5	107
27	Pyochelin Potentiates the Inhibitory Activity of Gallium on Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2014, 58, 5572-5575.	3.2	52
28	Promises and failures of gallium as an antibacterial agent. Future Microbiology, 2014, 9, 379-397.	2.0	131
29	Repurposing of galliumâ€based drugs for antibacterial therapy. BioFactors, 2014, 40, 303-312.	5.4	98
30	Cell-surface signaling in<i>Pseudomonas</i>: stress responses, iron transport, and pathogenicity. FEMS Microbiology Reviews, 2014, 38, 569-597.	8.6	137
31	The <scp>G</scp>ac/<scp>R</scp>sm and cyclicâ€diâ€<scp>GMP</scp> signalling networks coordinately regulate iron uptake in <i><scp>P</scp>seudomonas aeruginosa</i>. Environmental Microbiology, 2014, 16, 676-688.	3.8	76
32	The Periplasmic Protein TolB as a Potential Drug Target in Pseudomonas aeruginosa. PLoS ONE, 2014, 9, e103784.	2.5	52
33	New Life for an Old Drug: the Anthelmintic Drug Niclosamide Inhibits Pseudomonas aeruginosa Quorum Sensing. Antimicrobial Agents and Chemotherapy, 2013, 57, 996-1005.	3.2	169
34	Subcellular localization of the pyoverdine biogenesis machinery of <i>Pseudomonas aeruginosa</i>: A membraneâ€associated â€œsiderosomeâ€. FEBS Letters, 2013, 587, 3387-3391.	2.8	30
35	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
36	Deciphering the Multifactorial Nature of Acinetobacter baumannii Pathogenicity. PLoS ONE, 2011, 6, e22674.	2.5	196

#	Article	IF	Citations
37	A multitask biosensor for micro-volumetric detection of N-3-oxo-dodecanoyl-homoserine lactone quorum sensing signal. Biosensors and Bioelectronics, 2011, 26, 3444-3449.	10.1	60
38	The genomics of <i>Acinetobacter baumannii</i>: Insights into genome plasticity, antimicrobial resistance and pathogenicity. IUBMB Life, 2011, 63, 1068-1074.	3.4	157
39	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
40	Molecular basis of pyoverdine siderophore recycling in Pseudomonas aeruginosa. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20440-20445.	7.1	184
41	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
42	Membrane-association determinants of the Ï‰-amino acid monooxygenase PvdA, a pyoverdine biosynthetic enzyme from Pseudomonas aeruginosa. Microbiology (United Kingdom), 2008, 154, 2804-2813.	1.8	22
43	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
44	Involvement of <i>Pseudomonas aeruginosa</i> Rhodanese in Protection from Cyanide Toxicity. Applied and Environmental Microbiology, 2007, 73, 390-398.	3.1	44
45	Pyoverdine siderophores: from biogenesis to biosignificance. Trends in Microbiology, 2007, 15, 22-30.	7.7	468