

Oana Dumitrescu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

1,602
citations

21
h-index

37
g-index

90
ext. papers

1,976
ext. citations

6.7
avg, IF

4.11
L-index

#	Paper	IF	Citations
74	Effect of antibiotics on Staphylococcus aureus producing Panton-Valentine leukocidin. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1515-9	5.9	147
73	The Panton-Valentine leukocidin vaccine protects mice against lung and skin infections caused by Staphylococcus aureus USA300. <i>Clinical Microbiology and Infection</i> , 2009 , 15, 156-64	9.5	120
72	Effect of antibiotics, alone and in combination, on Panton-Valentine leukocidin production by a Staphylococcus aureus reference strain. <i>Clinical Microbiology and Infection</i> , 2008 , 14, 384-8	9.5	90
71	Panton-valentine leukocidin enhances the severity of community-associated methicillin-resistant Staphylococcus aureus rabbit osteomyelitis. <i>PLoS ONE</i> , 2009 , 4, e7204	3.7	89
70	Panton-Valentine leukocidin does play a role in the early stage of Staphylococcus aureus skin infections: a rabbit model. <i>PLoS ONE</i> , 2011 , 6, e22864	3.7	69
69	The Role of Antibiotics in Modulating Virulence in Staphylococcus aureus. <i>Clinical Microbiology Reviews</i> , 2017 , 30, 887-917	34	67
68	MUBII-TB-DB: a database of mutations associated with antibiotic resistance in Mycobacterium tuberculosis. <i>BMC Bioinformatics</i> , 2014 , 15, 107	3.6	62
67	Effects of subinhibitory concentrations of antibiotics on virulence factor expression by community-acquired methicillin-resistant Staphylococcus aureus. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 1524-32	5.1	58
66	Pragmatic management of Panton-Valentine leukocidin-associated staphylococcal diseases. <i>International Journal of Antimicrobial Agents</i> , 2011 , 38, 457-64	14.3	56
65	Beta-lactams interfering with PBP1 induce Panton-Valentine leukocidin expression by triggering sarA and rot global regulators of Staphylococcus aureus. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3261-71	5.9	50
64	Methicillin resistance is not a predictor of severity in community-acquired Staphylococcus aureus necrotizing pneumonia--results of a prospective observational study. <i>Clinical Microbiology and Infection</i> , 2013 , 19, E142-8	9.5	48
63	Rapid detection of Staphylococcus aureus Panton-Valentine leukocidin in clinical specimens by enzyme-linked immunosorbent assay and immunochromatographic tests. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 1384-90	9.7	45
62	Putative invasive pulmonary aspergillosis in critically ill patients with chronic obstructive pulmonary disease: a matched cohort study. <i>Critical Care</i> , 2015 , 19, 421	10.8	37
61	Panton-Valentine leukocidin is expressed at toxic levels in human skin abscesses. <i>Clinical Microbiology and Infection</i> , 2008 , 14, 1180-3	9.5	37
60	Epidemiological data of staphylococcal scalded skin syndrome in France from 1997 to 2007 and microbiological characteristics of Staphylococcus aureus associated strains. <i>Clinical Microbiology and Infection</i> , 2012 , 18, E514-21	9.5	35
59	Impact of sub-inhibitory antibiotics on fibronectin-mediated host cell adhesion and invasion by Staphylococcus aureus. <i>BMC Microbiology</i> , 2011 , 11, 263	4.5	32
58	Serum antibodies against Panton-Valentine leukocidin in a normal population and during Staphylococcus aureus infection. <i>Clinical Microbiology and Infection</i> , 2009 , 15, 144-8	9.5	28

57	Zidovudine (AZT) has a bactericidal effect on enterobacteria and induces genetic modifications in resistant strains. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2011 , 30, 1249-56	5.3	24
56	β-Hemolysin, not Panton-Valentine leukocidin, impacts rabbit mortality from severe sepsis with methicillin-resistant <i>Staphylococcus aureus</i> osteomyelitis. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1773-80	7	23
55	Exposure of <i>Staphylococcus aureus</i> to subinhibitory concentrations of β-lactam antibiotics induces heterogeneous vancomycin-intermediate <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 5306-14	5.9	22
54	Polymorphism of the <i>Staphylococcus aureus</i> Panton-Valentine leukocidin genes and its possible link with the fitness of community-associated methicillin-resistant <i>S. aureus</i> . <i>Journal of Infectious Diseases</i> , 2008 , 198, 792-4	7	21
53	Clinical Presentation, Diagnosis, and Bacterial Epidemiology of Peritoneal Tuberculosis in Two University Hospitals in France. <i>Infectious Diseases and Therapy</i> , 2016 , 5, 193-9	6.2	19
52	Delta Hemolysin and Phenol-Soluble Modulins, but Not Alpha Hemolysin or Panton-Valentine Leukocidin, Induce Mast Cell Activation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 180	5.9	18
51	Mycobacterium species related to <i>M. leprae</i> and <i>M. lepromatosis</i> from cows with bovine nodular thelitis. <i>Emerging Infectious Diseases</i> , 2014 , 20, 2111-4	10.2	17
50	Combined Genotypic, Phylogenetic, and Epidemiologic Analyses of <i>Mycobacterium tuberculosis</i> Genetic Diversity in the Rhône Alpes Region, France. <i>PLoS ONE</i> , 2016 , 11, e0153580	3.7	17
49	Severe leukopenia in <i>Staphylococcus aureus</i> -necrotizing, community-acquired pneumonia: risk factors and impact on survival. <i>BMC Infectious Diseases</i> , 2013 , 13, 359	4	16
48	Antituberculous drugs modulate bacterial phagolysosome avoidance and autophagy in <i>Mycobacterium tuberculosis</i> -infected macrophages. <i>Tuberculosis</i> , 2018 , 111, 67-70	2.6	16
47	Whole-genome sequencing in drug susceptibility testing of <i>Mycobacterium tuberculosis</i> in routine practice in Lyon, France. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105912	14.3	14
46	Synthesis, surfactant properties and antimicrobial activities of methyl glycopyranoside ethers. <i>European Journal of Medicinal Chemistry</i> , 2017 , 128, 98-106	6.8	13
45	Emergence and dissemination of a linezolid-resistant <i>Staphylococcus capitis</i> clone in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 1014-1020	5.1	13
44	In vivo efficacy of ceftaroline fosamil in a methicillin-resistant panton-valentine leukocidin-producing <i>Staphylococcus aureus</i> rabbit pneumonia model. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 1855-61	5.9	12
43	A histidine-to-arginine substitution in Panton-Valentine leukocidin from USA300 community-acquired methicillin-resistant <i>Staphylococcus aureus</i> does not impair its leukotoxicity. <i>Infection and Immunity</i> , 2010 , 78, 260-4	3.7	11
42	Ceftobiprole efficacy in vitro against Panton-Valentine leukocidin production and in vivo against community-associated methicillin-resistant <i>Staphylococcus aureus</i> osteomyelitis in rabbits. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 6291-7	5.9	11
41	Prospective Whole-Genome Sequencing in Tuberculosis Outbreak Investigation, France, 2017-2018. <i>Emerging Infectious Diseases</i> , 2019 , 25, 589-592	10.2	10
40	β-Defensins partially protect human neutrophils against Panton-Valentine leukocidin produced by <i>Staphylococcus aureus</i> . <i>Letters in Applied Microbiology</i> , 2015 , 61, 158-64	2.9	10

39	Mupirocin Resistance in Isolates of Staphylococcus spp. from Nasal Swabs in a Tertiary Hospital in France. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2713-5	9.7	10
38	Highly Reduced Genome of the New Species , the Causative Agent of Nodular Thelitis and Tuberculoid Scrotitis in Livestock and a Close Relative of the Leprosy Bacilli. <i>MSphere</i> , 2018 , 3,	5	10
37	MAVS deficiency induces gut dysbiotic microbiota conferring a proallergic phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10404-10409	11.5	10
36	Strain-specific estimation of epidemic success provides insights into the transmission dynamics of tuberculosis. <i>Scientific Reports</i> , 2017 , 7, 45326	4.9	9
35	Synergistic Effects of Influenza and Toxins on Inflammation Activation and Cytotoxicity in Human Monocytic Cell Lines. <i>Toxins</i> , 2018 , 10,	4.9	9
34	Community-acquired meticillin-resistant Staphylococcus aureus strain USA300 resists staphylococcal protein A modulation by antibiotics and antimicrobial peptides. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 19-24	14.3	9
33	Clindamycin suppresses virulence expression in inducible clindamycin-resistant Staphylococcus aureus strains. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2018 , 17, 38	6.2	9
32	Relevance of blood cultures in acute pyelonephritis in a single-center retrospective study. <i>Internal and Emergency Medicine</i> , 2015 , 10, 607-12	3.7	8
31	Staphylococcus aureus with decreased susceptibility to glycopeptides in cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2011 , 10, 377-82	4.1	8
30	Dodecyl sorbitan ethers as antimicrobials against Gram-positive bacteria. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 4660-4663	2.9	7
29	In vitro activity of ceftobiprole on 440 Staphylococcus aureus strains isolated from bronchopulmonary infections. <i>Médecine Et Maladies Infectieuses</i> , 2017 , 47, 152-157	4	7
28	Assessment of VITEK [®] MS IVD database V3.0 for identification of Nocardia spp. using two culture media and comparing direct smear and protein extraction procedures. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 559-567	5.3	7
27	Evaluation of Xpert MTB/RIF Ultra performance for pulmonary tuberculosis diagnosis on smear-negative respiratory samples in a French centre. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019 , 38, 601-605	5.3	6
26	Assessing the Combined Antibacterial Effect of Isoniazid and Rifampin on Four Mycobacterium tuberculosis Strains Using Experiments and Response-Surface Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	6
25	Comment on: MIC-based dose adjustment: facts and fables. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2584-2585	5.1	5
24	Disk Diffusion Testing for Detection of Methicillin-Resistant Staphylococci: Does Moxalactam Improve upon Cefoxitin?. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 2905-2909	9.7	5
23	A practical approach to tuberculosis diagnosis and treatment in liver transplant recipients in a low-prevalence area. <i>Médecine Et Maladies Infectieuses</i> , 2019 , 49, 231-240	4	5
22	Changing patterns of human migrations shaped the global population structure of Mycobacterium tuberculosis in France. <i>Scientific Reports</i> , 2018 , 8, 5855	4.9	4

21	Linezolid in the Starter Combination for Multidrug-Resistant Tuberculosis: Time to Move on to Group Four?. <i>Open Forum Infectious Diseases</i> , 2015 , 2, ofv175	1	4
20	Nontuberculous Mycobacteria: An Underestimated Cause of Bioprosthetic Valve Infective Endocarditis. <i>Open Forum Infectious Diseases</i> , 2015 , 2, ofv047	1	4
19	Long-term use of liposomal nebulized amikacin and tedizolid for the treatment of disseminated nocardiosis after allogeneic hematopoietic stem cell transplantation. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 2033-2036	5.3	4
18	A retrospective study of factors associated with treatment decision for nontuberculous mycobacterial lung disease in adults without altered systemic immunity. <i>BMC Infectious Diseases</i> , 2018 , 18, 659	4	4
17	Management of emerging multidrug-resistant tuberculosis in a low-prevalence setting. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 472.e7-10	9.5	3
16	Rifampicin exposure reveals within-host Mycobacterium tuberculosis diversity in patients with delayed culture conversion. <i>PLoS Pathogens</i> , 2021 , 17, e1009643	7.6	3
15	Parameters influencing the pharmacokinetics/pharmacodynamics of piperacillin/tazobactam in patients with febrile neutropenia and haematological malignancy: a prospective study. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2676-2680	5.1	2
14	Subcultured Mycobacterium tuberculosis isolates on different growth media are fully representative of bacteria within clinical samples. <i>Tuberculosis</i> , 2019 , 116, 61-66	2.6	2
13	Actinomycosis after allogeneic hematopoietic stem cell transplantation despite penicillin prophylaxis. <i>Transplant Infectious Disease</i> , 2016 , 18, 595-600	2.7	2
12	Prognostic factors of severe community-acquired staphylococcal pneumonia in France. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	2
11	Severe laryngeal and pulmonary tuberculosis under anti-TNF- α therapy. <i>International Journal of Infectious Diseases</i> , 2018 , 71, 65-66	10.5	1
10	Utility of the Etest GRD for detecting Staphylococcus aureus with reduced susceptibility to glycopeptides in cystic fibrosis patients. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012 , 31, 599-604	5.3	1
9	Routine survey of isolates reveals nosocomial transmission. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	1
8	Staphylococcal Panton-Valentine Leucocidin and Gamma Haemolysin Target and Lyse Mature Bone Marrow Leucocytes. <i>Toxins</i> , 2020 , 12,	4.9	1
7	Expanded tracking of a Beijing Mycobacterium tuberculosis strain involved in an outbreak in France. <i>Travel Medicine and Infectious Disease</i> , 2021 , 44, 102167	8.4	1
6	Sub-Inhibitory Concentrations of Oxacillin, but Not Clindamycin, Linezolid, or Tigecycline, Decrease Staphylococcal Phenol-Soluble Modulin Expression in Community-Acquired Methicillin-Resistant Staphylococcus aureus.. <i>Microbiology Spectrum</i> , 2022 , e0080821	8.9	0
5	In-Depth Immunophenotyping With Mass Cytometry During TB Treatment Reveals New T-Cell Subsets Associated With Culture Conversion.. <i>Frontiers in Immunology</i> , 2022 , 13, 853572	8.4	0
4	Staphylococcus aureus et maladies toxiques. <i>Revue Francophone Des Laboratoires</i> , 2012 , 2012, 44-46	0	0

- 3 Les infections communautaires *Staphylococcus aureus* en pédiatrie : émergence des staphylocoques dorés résistants à la pénicilline d'origine communautaire. *Revue Francophone Des Laboratoires*, **2008**, 2008, 71-80 ○
- 2 Le diagnostic par biologie moléculaire de la tuberculose, un progrès majeur au Nord comme au Sud **2022**,
- 1 Assessment of closely related *Mycobacterium tuberculosis* variants with different transmission success and in vitro infection dynamics. *Scientific Reports*, **2021**, 11, 11041 4-9