Cuong Vuong

List of Publications by Citations

44 papers	4,804 citations	29 h-index	45 g-index
45 ext. papers	5,264 ext. citations	6.2 avg, IF	5.07 L-index

#	Paper	IF	Citations
44	Polysaccharide intercellular adhesin (PIA) protects Staphylococcus epidermidis against major components of the human innate immune system. *Cellular Microbiology*, **2004**, 6, 269-75	3.9	478
43	Staphylococcus epidermidis infections. *Microbes and Infection*, **2002**, 4, 481-9	9.3	471
42	A crucial role for exopolysaccharide modification in bacterial biofilm formation, immune evasion, and virulence. *Journal of Biological Chemistry*, **2004**, 279, 54881-6	5.4	402
41	Impact of the agr quorum-sensing system on adherence to polystyrene in Staphylococcus aureus. *Journal of Infectious Diseases*, **2000**, 182, 1688-93	7	375
40	Staphylococcus quorum sensing in biofilm formation and infection. *International Journal of Medical Microbiology*, **2006**, 296, 133-9	3.7	263
39	Quorum-sensing control of biofilm factors in Staphylococcus epidermidis. *Journal of Infectious Diseases*, **2003**, 188, 706-18	7	262
38	The D-alanine residues of Staphylococcus aureus teichoic acids alter the susceptibility to vancomycin and the activity of autolytic enzymes. *Antimicrobial Agents and Chemotherapy*, **2000**, 44, 2845-7	5.9	215
37	Role of the luxS quorum-sensing system in biofilm formation and virulence of Staphylococcus epidermidis. *Infection and Immunity*, **2006**, 74, 488-96	3.7	185
36	Increased colonization of indwelling medical devices by quorum-sensing mutants of Staphylococcus epidermidis in vivo. *Journal of Infectious Diseases*, **2004**, 190, 1498-505	7	180
35	Key role of poly-□dl-glutamic acid in immune evasion and virulence of Staphylococcus epidermidis. *Journal of Clinical Investigation*, **2005**, 115, 688-694	15.9	161
34	Surveillance for control of antimicrobial resistance. *Lancet Infectious Diseases, The*, **2018**, 18, e99-e106	25.5	144
33	The SaeR/S gene regulatory system is essential for innate immune evasion by Staphylococcus aureus. *Journal of Infectious Diseases*, **2009**, 199, 1698-706	7	142
32	Inhibition of virulence factor expression in Staphylococcus aureus by the Staphylococcus epidermidis agr pheromone and derivatives. *FEBS Letters*, **1999**, 450, 257-62	3.8	136
31	Regulated expression of pathogen-associated molecular pattern molecules in Staphylococcus epidermidis: quorum-sensing determines pro-inflammatory capacity and production of phenol-soluble modulins. *Cellular Microbiology*, **2004**, 6, 753-9	3.9	123
30	Construction and characterization of an agr deletion mutant of Staphylococcus epidermidis. *Infection and Immunity*, **2000**, 68, 1048-53	3.7	117
29	SaeR binds a consensus sequence within virulence gene promoters to advance USA300 pathogenesis. *Journal of Infectious Diseases*, **2010**, 201, 241-54	7	116
28	Analysis of the mechanism of action of potent antibacterial hetero-tri-organometallic compounds: a structurally new class of antibiotics. *ACS Chemical Biology*, **2013**, 8, 1442-50	4.9	99

27	Staphylococcus epidermidis polysaccharide intercellular adhesin production significantly increases during tricarboxylic acid cycle stress. *Journal of Bacteriology*, **2005**, 187, 2967-73	3.5	89
26	The Innovative Medicines Initiative's New Drugs for Bad Bugs programme: European public-private partnerships for the development of new strategies to tackle antibiotic resistance. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 290-5	5.1	80
25	Conversion of Staphylococcus epidermidis strains from commensal to invasive by expression of the ica locus encoding production of biofilm exopolysaccharide. *Infection and Immunity*, **2005**, 73, 3188-91	3.7	76
24	Bacterial insertion sequence IS256 as a potential molecular marker to discriminate invasive strains from commensal strains of Staphylococcus epidermidis. *Journal of Hospital Infection*, **2005**, 61, 342-8	6.9	75
23	Key role of poly-gamma-DL-glutamic acid in immune evasion and virulence of Staphylococcus epidermidis. *Journal of Clinical Investigation*, **2005**, 115, 688-94	15.9	72
22	Engagement of the pathogen survival response used by group A Streptococcus to avert destruction by innate host defense. *Journal of Immunology*, **2004**, 173, 1194-201	5.3	69
21	Characterization of the Staphylococcus epidermidis accessory-gene regulator response: quorum-sensing regulation of resistance to human innate host defense. *Journal of Infectious Diseases*, **2006**, 193, 841-8	7	64
20	Inducible expression and cellular location of AgrB, a protein involved in the maturation of the staphylococcal quorum-sensing pheromone. *Archives of Microbiology*, **2000**, 174, 452-5	3	55
19	Investigational drugs to treat methicillin-resistant Staphylococcus aureus. *Expert Opinion on Investigational Drugs*, **2016**, 25, 73-93	5.9	48
18	Development of real-time in vivo imaging of device-related Staphylococcus epidermidis infection in mice and influence of animal immune status on susceptibility to infection. *Journal of Infectious Diseases*, **2008**, 198, 258-61	7	41
17	SarZ is a key regulator of biofilm formation and virulence in Staphylococcus epidermidis. *Journal of Infectious Diseases*, **2008**, 197, 1254-62	7	41
16	Identification of the sigB operon in Staphylococcus epidermidis: construction and characterization of a sigB deletion mutant. *Infection and Immunity*, **2001**, 69, 7933-6	3.7	33
15	Mode of action of closthioamide: the first member of the polythioamide class of bacterial DNA gyrase inhibitors. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 2576-88	5.1	27
14	Control of antimicrobial peptide synthesis by the agr quorum sensing system in Staphylococcus epidermidis: activity of the lantibiotic epidermin is regulated at the level of precursor peptide processing. *Peptides*, **2003**, 24, 329-38	3.8	27
13	Risk Factors for Treatment Failure and Mortality Among Hospitalized Patients With Complicated Urinary Tract Infection: A Multicenter Retrospective Cohort Study (RESCUING Study Group). *Clinical Infectious Diseases*, **2019**, 68, 29-36	11.6	25
12	Cost of hospitalised patients due to complicated urinary tract infections: a retrospective observational study in countries with high prevalence of multidrug-resistant Gram-negative bacteria: the COMBACTE-MAGNET, RESCUING study. *BMJ Open*, **2018**, 8, e020251	3	22
11	Predictive factors for multidrug-resistant gram-negative bacteria among hospitalised patients with complicated urinary tract infections. *Antimicrobial Resistance and Infection Control*, **2018**, 7, 111	6.2	20
10	Mandatory surveillance and outbreaks reporting of the WHO priority pathogens for research & discovery of new antibiotics in European countries. *Clinical Microbiology and Infection*, **2020**, 26, 943.e1-943.e6	9.5	16

9	Risk factors and prognosis of complicated urinary tract infections caused by in hospitalized patients: a retrospective multicenter cohort study. *Infection and Drug Resistance*, **2018**, 11, 2571-2581	4.2	14
8	Clinical outcomes of hospitalised patients with catheter-associated urinary tract infection in countries with a high rate of multidrug-resistance: the COMBACTE-MAGNET RESCUING study. *Antimicrobial Resistance and Infection Control*, **2019**, 8, 198	6.2	13
7	Towards Profiles of Resistance Development and Toxicity for the Small Cationic Hexapeptide RWRWRW-NH2. *Frontiers in Cell and Developmental Biology*, **2016**, 4, 86	5.7	11
6	The biofilm exopolysaccharide polysaccharide intercellular adhesin--a molecular and biochemical approach. *Methods in Molecular Biology*, **2008**, 431, 97-106	1.4	7
5	Linking antimicrobial resistance surveillance to antibiotic policy in healthcare settings: the COMBACTE-Magnet EPI-Net COACH project. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, ii2-ii19	5.1	4
4	Discovery of Pyrrolidine-2,3-diones as Novel Inhibitors of PBP3. *Antibiotics*, **2021**, 10,	4.9	3
3	Interaction Mode of the Novel Monobactam AIC499 Targeting Penicillin Binding Protein 3 of Gram-Negative Bacteria. *Biomolecules*, **2021**, 11,	5.9	3
2	Risk factors for hospital readmission following complicated urinary tract infection. *Scientific Reports*, **2021**, 11, 6926	4.9	0
1	Risk factors for enterococcal urinary tract infections: a multinational, retrospective cohort study. *European Journal of Clinical Microbiology and Infectious Diseases*, **2021**, 40, 2005-2010	5.3	0