

Yok-Ai Que

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

5,865
citations

109137

35
h-index

79541

73
g-index

101
all docs

101
docs citations

101
times ranked

6644
citing authors

#	ARTICLE	IF	CITATIONS
1	Infective endocarditis. <i>Lancet</i> , The, 2004, 363, 139-149.	6.3	883
2	Efficacy and tolerability of a cocktail of bacteriophages to treat burn wounds infected by <i>Pseudomonas aeruginosa</i> (PhagoBurn): a randomised, controlled, double-blind phase 1/2 trial. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 35-45.	4.6	541
3	Pulmonary function and radiological features 4 months after COVID-19: first results from the national prospective observational Swiss COVID-19 lung study. <i>European Respiratory Journal</i> , 2021, 57, 2003690.	3.1	291
4	Fibrinogen and fibronectin binding cooperate for valve infection and invasion in <i>Staphylococcus aureus</i> experimental endocarditis. <i>Journal of Experimental Medicine</i> , 2005, 201, 1627-1635.	4.2	263
5	Infective endocarditis. <i>Nature Reviews Cardiology</i> , 2011, 8, 322-336.	6.1	224
6	Heterologously Expressed <i>Staphylococcus aureus</i> Fibronectin-Binding Proteins Are Sufficient for Invasion of Host Cells. <i>Infection and Immunity</i> , 2000, 68, 6871-6878.	1.0	220
7	Synergistic interaction between phage therapy and antibiotics clears <i>Pseudomonas aeruginosa</i> infection in endocarditis and reduces virulence. <i>Journal of Infectious Diseases</i> , 2017, 215, jiw632.	1.9	209
8	Pathogenesis of streptococcal and staphylococcal endocarditis. <i>Infectious Disease Clinics of North America</i> , 2002, 16, 297-318.	1.9	200
9	Targeting <i>Enterococcus faecalis</i> Biofilms with Phage Therapy. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2696-2705.	1.4	164
10	Reassessing the Role of <i>Staphylococcus aureus</i> Clumping Factor and Fibronectin-Binding Protein by Expression in <i>Lactococcus lactis</i> . <i>Infection and Immunity</i> , 2001, 69, 6296-6302.	1.0	153
11	Auto Poisoning of the Respiratory Chain by a Quorum-Sensing-Regulated Molecule Favors Biofilm Formation and Antibiotic Tolerance. <i>Current Biology</i> , 2016, 26, 195-206.	1.8	148
12	A method for high throughput determination of viable bacteria cell counts in 96-well plates. <i>BMC Microbiology</i> , 2012, 12, 259.	1.3	128
13	Expression of <i>Staphylococcus aureus</i> Clumping Factor A in <i>Lactococcus lactis</i> subsp. <i>cremoris</i> Using a New Shuttle Vector. <i>Infection and Immunity</i> , 2000, 68, 3516-3522.	1.0	116
14	A Quorum Sensing Regulated Small Volatile Molecule Reduces Acute Virulence and Promotes Chronic Infection Phenotypes. <i>PLoS Pathogens</i> , 2011, 7, e1002192.	2.1	100
15	Cefepime neurotoxicity: thresholds and risk factors. A retrospective cohort study. <i>Clinical Microbiology and Infection</i> , 2020, 26, 333-339.	2.8	92
16	The Fibrinogen- and Fibronectin-Binding Domains of <i>Staphylococcus aureus</i> Fibronectin-Binding Protein A Synergistically Promote Endothelial Invasion and Experimental Endocarditis. <i>Infection and Immunity</i> , 2008, 76, 3824-3831.	1.0	84
17	A Quorum Sensing Small Volatile Molecule Promotes Antibiotic Tolerance in Bacteria. <i>PLoS ONE</i> , 2013, 8, e80140.	1.1	77
18	New concepts in the pathophysiology of infective endocarditis. <i>Current Infectious Disease Reports</i> , 2006, 8, 271-279.	1.3	72

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19	Polymorphisms in fibronectin binding protein A of <i>Staphylococcus aureus</i> are associated with infection of cardiovascular devices. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18372-18377.	3.3	69
20	Effect of Human Burn Wound Exudate on <i>Pseudomonas aeruginosa</i> Virulence. MSphere, 2016, 1, .	1.3	68
21	Assessment of panobacumab as adjunctive immunotherapy for the treatment of nosocomial <i>Pseudomonas aeruginosa</i> pneumonia. European Journal of Clinical Microbiology and Infectious Diseases, 2014, 33, 1861-1867.	1.3	60
22	Preventing invasive candida infections. Where could we do better?. Journal of Hospital Infection, 2015, 89, 302-308.	1.4	60
23	Detection of Live and Antibiotic-Killed Bacteria by Quantitative Real-Time PCR of Specific Fragments of rRNA. Antimicrobial Agents and Chemotherapy, 2006, 50, 1913-1920.	1.4	57
24	Fibronectin-binding proteins and clumping factor A in <i>Staphylococcus aureus</i> experimental endocarditis: FnBPA is sufficient to activate human endothelial cells. Thrombosis and Haemostasis, 2007, 97, 617-626.	1.8	57
25	Bacteriophages Improve Outcomes in Experimental <i>Staphylococcus aureus</i> Ventilator-associated Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1126-1133.	2.5	54
26	Carnitine deficiency in chronic critical illness. Current Opinion in Clinical Nutrition and Metabolic Care, 2014, 17, 200-209.	1.3	53
27	Prophylaxis of Experimental Endocarditis With Antiplatelet and Antithrombin Agents: A Role for Long-term Prevention of Infective Endocarditis in Humans?. Journal of Infectious Diseases, 2015, 211, 72-79.	1.9	50
28	<i>Staphylococcus aureus</i> (Including Staphylococcal Toxic Shock). , 2010, , 2543-2578.		50
29	The Quorum Sensing Volatile Molecule 2-Amino Acetophenon Modulates Host Immune Responses in a Manner that Promotes Life with Unwanted Guests. PLoS Pathogens, 2012, 8, e1003024.	2.1	49
30	Impact of the introduction of real-time therapeutic drug monitoring on empirical doses of carbapenems in critically ill burn patients. Burns, 2015, 41, 956-968.	1.1	47
31	Efficacies of Moxifloxacin, Ciprofloxacin, and Vancomycin against Experimental Endocarditis Due to Methicillin-Resistant <i>Staphylococcus aureus</i> Expressing Various Degrees of Ciprofloxacin Resistance. Antimicrobial Agents and Chemotherapy, 2001, 45, 3076-3083.	1.4	46
32	Computational prediction of inter-species relationships through omics data analysis and machine learning. BMC Bioinformatics, 2018, 19, 420.	1.2	45
33	Pancreatic stone protein as an early biomarker predicting mortality in a prospective cohort of patients with sepsis requiring ICU management. Critical Care, 2012, 16, R114.	2.5	44
34	New genotyping method discovers sustained nosocomial <i>Pseudomonas aeruginosa</i> outbreak in an intensive care burn unit. Journal of Hospital Infection, 2016, 94, 2-7.	1.4	44
35	Use of a Human-Like Low-Grade Bacteremia Model of Experimental Endocarditis To Study the Role of <i>Staphylococcus aureus</i> Adhesins and Platelet Aggregation in Early Endocarditis. Infection and Immunity, 2013, 81, 697-703.	1.0	43
36	TNF- α /IL-10 Ratio Correlates with Burn Severity and May Serve as a Risk Predictor of Increased Susceptibility to Infections. Frontiers in Public Health, 2016, 4, 216.	1.3	39

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37	Phage Therapy: A New Horizon in the Antibacterial Treatment of Oral Pathogens. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 1199-1211.	1.0	39
38	Efficacy of newly isolated and highly potent bacteriophages in a mouse model of extensively drug-resistant <i>Acinetobacter baumannii</i> bacteraemia. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 19, 255-261.	0.9	38
39	Measurement of pancreatic stone protein in the identification and management of sepsis. <i>Biomarkers in Medicine</i> , 2019, 13, 135-145.	0.6	36
40	Bonds between Fibronectin and Fibronectin-Binding Proteins on <i>Staphylococcus aureus</i> and <i>Lactococcus lactis</i> . <i>Langmuir</i> , 2010, 26, 10764-10770.	1.6	35
41	Sustained reduction of catheter-associated bloodstream infections with enhancement of catheter bundle by chlorhexidine dressings over 11 years. <i>Intensive Care Medicine</i> , 2019, 45, 823-833.	3.9	35
42	Transcriptome Analysis of <i>Pseudomonas aeruginosa</i> Cultured in Human Burn Wound Exudates. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 39.	1.8	34
43	Prediction of Multiple Infections After Severe Burn Trauma. <i>Annals of Surgery</i> , 2015, 261, 781-792.	2.1	33
44	Do standard burn mortality formulae work on a population of severely burned children and adults?. <i>Burns</i> , 2015, 41, 935-945.	1.1	31
45	Sputum containing zinc enhances carbapenem resistance, biofilm formation and virulence of <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , 2014, 77, 36-41.	1.3	30
46	Antibiotic consumption to detect epidemics of <i>Pseudomonas aeruginosa</i> in a burn centre: A paradigm shift in the epidemiological surveillance of <i>Pseudomonas aeruginosa</i> nosocomial infections. <i>Burns</i> , 2016, 42, 564-570.	1.1	30
47	Impact of Real-Time Therapeutic Drug Monitoring on the Prescription of Antibiotics in Burn Patients Requiring Admission to the Intensive Care Unit. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	30
48	Down-regulation of glutathione S-transferase γ 4 (hGSTA4) in the muscle of thermally injured patients is indicative of susceptibility to bacterial infection. <i>FASEB Journal</i> , 2012, 26, 730-737.	0.2	29
49	The Impact of Penicillinase on Cefamandole Treatment and Prophylaxis of Experimental Endocarditis Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 1998, 177, 146-154.	1.9	27
50	Benefits of Aerosolized Phages for the Treatment of Pneumonia Due to Methicillin-Resistant <i>Staphylococcus aureus</i> : An Experimental Study in Rats. <i>Journal of Infectious Diseases</i> , 2022, 225, 1452-1459.	1.9	27
51	Serial measurement of pancreatic stone protein for the early detection of sepsis in intensive care unit patients: a prospective multicentric study. <i>Critical Care</i> , 2021, 25, 151.	2.5	25
52	Fibronectin-binding proteins and clumping factor A in <i>Staphylococcus aureus</i> experimental endocarditis: FnBPA is sufficient to activate human endothelial cells. <i>Thrombosis and Haemostasis</i> , 2007, 97, 617-26.	1.8	24
53	Contribution of (sub)domains of <i>Staphylococcus aureus</i> fibronectin-binding protein to the proinflammatory and procoagulant response of human vascular endothelial cells. <i>Thrombosis and Haemostasis</i> , 2009, 101, 495-504.	1.8	22
54	Nebulized Bacteriophages for Prophylaxis of Experimental Ventilator-Associated Pneumonia Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Critical Care Medicine</i> , 2020, 48, 1042-1046.	0.4	22

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55	Aspirin plus ticlopidine prevented experimental endocarditis due to <i>Enterococcus faecalis</i> and <i>Streptococcus gallolyticus</i> . <i>Pathogens and Disease</i> , 2015, 73, ftv060.	0.8	21
56	Bioinformatics assistance of metabolic and nutrition management in the ICU. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 202-208.	1.3	20
57	Prognostication of Mortality in Critically 111 Patients With Severe Infections. <i>Chest</i> , 2015, 148, 674-682.	0.4	20
58	Accuracy of pancreatic stone protein for the diagnosis of infection in hospitalized adults: a systematic review and individual patient level meta-analysis. <i>Critical Care</i> , 2021, 25, 182.	2.5	20
59	Isolation and characterization of bacteriophages from the human skin microbiome that infect <i>Staphylococcus epidermidis</i> . <i>FEMS Microbes</i> , 2021, 2, .	0.8	18
60	Assessing <i>Pseudomonas aeruginosa</i> Persister/Antibiotic Tolerant Cells. <i>Methods in Molecular Biology</i> , 2014, 1149, 699-707.	0.4	18
61	CAR T-cell therapy and critical care. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 1318-1325.	1.0	18
62	Production of <i>Pseudomonas aeruginosa</i> Intercellular Small Signaling Molecules in Human Burn Wounds. <i>Journal of Pathogens</i> , 2011, 2011, 1-5.	0.9	17
63	Study of Early Elevated Gas6 Plasma Level as a Predictor of Mortality in a Prospective Cohort of Patients with Sepsis. <i>PLoS ONE</i> , 2016, 11, e0163542.	1.1	15
64	Effective Treatment of Invasive <i>Aspergillus fumigatus</i> Infection Using Combinations of Topical and Systemic Antifungals in a Severely Burned Patient. <i>Journal of Burn Care and Research</i> , 2015, 36, e85-e89.	0.2	14
65	<i>Staphylococcus aureus</i> (Including Staphylococcal Toxic Shock Syndrome). , 2015, , 2237-2271.e5.		14
66	Vaccination against <i>Staphylococcus aureus</i> experimental endocarditis using recombinant <i>Lactococcus lactis</i> expressing ClfA or FnbpA. <i>Vaccine</i> , 2015, 33, 3512-3517.	1.7	14
67	Marginal role of von Willebrand factor-binding protein and coagulase in the initiation of endocarditis in rats with catheter-induced aortic vegetations. <i>Virulence</i> , 2018, 9, 1615-1624.	1.8	13
68	Progress and Pitfalls of Bacteriophage Therapy in Critical Care: A Concise Definitive Review. , 2021, 3, e0351.		13
69	Short-Course Versus Long-Course Systemic Antibiotic Treatment for Uncomplicated Intravascular Catheter-Related Bloodstream Infections due to Gram-Negative Bacteria, Enterococci or Coagulase-Negative Staphylococci: A Systematic Review. <i>Infectious Diseases and Therapy</i> , 2021, 10, 1591-1605.	1.8	12
70	Searching for synergy: combining systemic daptomycin treatment with localised phage therapy for the treatment of experimental pneumonia due to MRSA. <i>BMC Research Notes</i> , 2021, 14, 381.	0.6	12
71	Population pharmacokinetics of cefepime in critically ill patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study). <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106466.	1.1	12
72	Frailty assessment for COVID-19 follow-up: a prospective cohort study. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001227.	1.2	12

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73	Bacteriophages Combined With Subtherapeutic Doses of Flucloxacillin Act Synergistically Against <i>Staphylococcus aureus</i> Experimental Infective Endocarditis. <i>Journal of the American Heart Association</i> , 2022, 11, e023080.	1.6	11
74	Contribution of (sub)domains of <i>Staphylococcus aureus</i> fibronectin-binding protein to the proinflammatory and procoagulant response of human vascular endothelial cells. <i>Thrombosis and Haemostasis</i> , 2009, 101, 495-504.	1.8	11
75	Sub-inhibitory concentrations of vancomycin prevent quinolone-resistance in a penicillin-resistant isolate of <i>Streptococcus pneumoniae</i> . <i>BMC Microbiology</i> , 2001, 1, 9.	1.3	10
76	Low C-reactive protein values at admission predict mortality in patients with severe community-acquired pneumonia caused by <i>Streptococcus pneumoniae</i> that require intensive care management. <i>Infection</i> , 2015, 43, 193-199.	2.3	10
77	Population Pharmacokinetic Study of Amoxicillin-Treated Burn Patients Hospitalized at a Swiss Tertiary-Care Center. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	9
78	Population Pharmacokinetics of Piperacillin and Tazobactam in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation: an ASAP ECMO Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0143821.	1.4	9
79	A protocol guided by transpulmonary thermodilution and lactate levels for resuscitation of patients with severe burns. <i>Critical Care</i> , 2013, 17, 195.	2.5	7
80	<i>Staphylococcus aureus</i> carriage at admission predicts early-onset pneumonia after burn trauma. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017, 36, 523-528.	1.3	7
81	Exploration of multiclass and one-class learning methods for prediction of phage-bacteria interaction at strain level. , 2018, , .		7
82	Multi-Biomarker Prediction Models for Multiple Infection Episodes Following Blunt Trauma. <i>IScience</i> , 2020, 23, 101659.	1.9	7
83	Draft Genome Sequence of Methicillin-Resistant <i>Staphylococcus aureus</i> Strain AW7, Isolated from a Patient with Bacteremia. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	7
84	Population Pharmacokinetics of Vancomycin in Critically Ill Adult Patients Receiving Extracorporeal Membrane Oxygenation (an ASAP ECMO Study). <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0137721.	1.4	7
85	Associations between clinical characteristics and the development of multiple organ failure after severe burns in adult patients. <i>Burns</i> , 2019, 45, 1775-1782.	1.1	5
86	Antimicrobial Peptide Dendrimers and Quorum-Sensing Inhibitors in Formulating Next-Generation Anti-Infection Cell Therapy Dressings for Burns. <i>Molecules</i> , 2021, 26, 3839.	1.7	4
87	Mutation to <i>ispA</i> Produces Stable Small-Colony Variants of <i>Pseudomonas aeruginosa</i> That Have Enhanced Aminoglycoside Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	1.4	4
88	Role of Pancreatic Stone Protein as an Early Biomarker for Risk Stratification of Acute Pancreatitis. <i>Digestive Diseases and Sciences</i> , 2021, , 1.	1.1	3
89	Near real-time observation reveals increased prevalence of young patients in the ICU during the emerging third SARS-CoV-2 wave in Switzerland. <i>Swiss Medical Weekly</i> , 2021, 151, w20553.	0.8	3
90	Reply to Eisen and McBryde. <i>Journal of Infectious Diseases</i> , 2015, 212, 674-675.	1.9	2

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91	Computational Prediction of Host-Pathogen Interactions Through Omics Data Analysis and Machine Learning. Lecture Notes in Computer Science, 2017, , 360-371.	1.0	2
92	Traitement nutritionnel du grand brûlé. Reanimation: Journal De La Societe De Reanimation De Langue Francaise, 2009, 18, 694-701.	0.1	1
93	The Role of Biomarkers for Starting Antifungals in the Intensive Care Unit. Clinical Pulmonary Medicine, 2015, 22, 286-293.	0.3	1
94	Novel Adaptive T-Cell Oncological Treatments Lead to New Challenges for Medical Emergency Teams: A 2-Year Experience From a Tertiary-Care Hospital in Switzerland. , 2021, 3, e0552.		1
95	Rapid Resolution of Massive Lung Abscesses Complicating Tricuspid-Valve Endocarditis. Circulation, 2006, 114, e523-4.	1.6	0
96	Chlorhexidine-dress related contact dermatitisâ€”the precautionary principle is no more relevant!. Critical Care, 2020, 24, 687.	2.5	0
97	Efficacy assessment of a novel endolysin PlyAZ3aT for the treatment of ceftriaxone-resistant pneumococcal meningitis in an infant rat model. PLoS ONE, 2022, 17, e0266928.	1.1	0