

Tim Felton

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

13,086
citations

136740

32
h-index

102304

66
g-index

76
all docs

76
docs citations

76
times ranked

25314
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-enrolment to UK Critical Care Studies – A 2019 update. <i>Journal of the Intensive Care Society</i> , 2022, 23, 53-57.	1.1	2
2	Untargeted Molecular Analysis of Exhaled Breath as a Diagnostic Test for Ventilator-Associated Lower Respiratory Tract Infections (BreathDx). <i>Thorax</i> , 2022, 77, 79-81.	2.7	10
3	Untargeted 16s Gene Sequencing Versus Culture of Broncho-Alveolar Lavage Fluid for the Diagnosis of Ventilator Associated Pneumonia. , 2022, , .		0
4	Metabolic phenotyping of acquired ampicillin resistance using microbial volatiles from <i>Escherichia coli</i> cultures. <i>Journal of Applied Microbiology</i> , 2022, 133, 2445-2456.	1.4	3
5	Dexamethasone in Hospitalized Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 693-704.	13.9	8,063
6	Detection and quantification of exhaled volatile organic compounds in mechanically ventilated patients – comparison of two sampling methods. <i>Analyst, The</i> , 2021, 146, 222-231.	1.7	8
7	P058 – Persistence of neutrophil abnormalities in COVID-19 convalescence. <i>Rheumatology</i> , 2021, 60, .	0.9	0
8	Alterations in T and B cell function persist in convalescent COVID-19 patients. <i>Med</i> , 2021, 2, 720-735.e4.	2.2	87
9	Management of asthma in childhood: study protocol of a systematic evidence update by the Paediatric Asthma in Real Life (PeARL) Think Tank. <i>BMJ Open</i> , 2021, 11, e048338.	0.8	2
10	Effect of Lower Tidal Volume Ventilation Facilitated by Extracorporeal Carbon Dioxide Removal vs Standard Care Ventilation on 90-Day Mortality in Patients With Acute Hypoxemic Respiratory Failure. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1013.	3.8	108
11	Effect of Hydroxychloroquine in Hospitalized Patients with Covid-19. <i>New England Journal of Medicine</i> , 2020, 383, 2030-2040.	13.9	1,013
12	Pharmacokinetics/Pharmacodynamics of Antiviral Agents Used to Treat SARS-CoV-2 and Their Potential Interaction with Drugs and Other Supportive Measures: A Comprehensive Review by the PK/PD of Anti-Infectives Study Group of the European Society of Antimicrobial Agents. <i>Clinical Pharmacokinetics</i> , 2020, 59, 1195-1216.	1.6	28
13	Longitudinal immune profiling reveals key myeloid signatures associated with COVID-19. <i>Science Immunology</i> , 2020, 5, .	5.6	198
14	Outcomes Evaluated in Controlled Clinical Trials on the Management of COVID-19: A Methodological Systematic Review. <i>Life</i> , 2020, 10, 350.	1.1	11
15	COVID-19 Clinical Trials: Unraveling a Methodological Gordian Knot. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 635-637.	2.5	17
16	Computed tomography scanning in the prone position for a critically hypoxic patient with COVID-19. <i>Anaesthesia Reports</i> , 2020, 8, 71-72.	0.2	2
17	Using statistics and mathematical modelling to understand infectious disease outbreaks: COVID-19 as an example. <i>Infectious Disease Modelling</i> , 2020, 5, 409-441.	1.2	61
18	Antimicrobial prescribing for hospital-acquired pneumonia. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2020, 81, 1-3.	0.2	0

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19	Characteristics and outcomes of hospitalised patients with acute kidney injury and COVID-19. <i>PLoS ONE</i> , 2020, 15, e0241544.	1.1	34
20	Understanding antimicrobial prescribing in suspected ventilator-associated pneumonia: a prospective cohort study. <i>Access Microbiology</i> , 2020, 2, .	0.2	0
21	Software for Dosage Individualization of Voriconazole: a Prospective Clinical Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	16
22	Isavuconazole and voriconazole for the treatment of chronic pulmonary aspergillosis: A retrospective comparison of rates of adverse events. <i>Mycoses</i> , 2019, 62, 217-222.	1.8	20
23	Safety and feasibility of above cuff vocalisation for ventilator-dependant patients with tracheostomies. <i>Journal of the Intensive Care Society</i> , 2019, 20, 59-65.	1.1	26
24	Comparison of piperacillin exposure in the lungs of critically ill patients and healthy volunteers. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1340-1347.	1.3	30
25	The potential role of exhaled breath analysis in the diagnostic process of pneumonia—a systematic review. <i>Journal of Breath Research</i> , 2018, 12, 024001.	1.5	56
26	Impact of a diagnostics-driven antifungal stewardship programme in a UK tertiary referral teaching hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3488-3495.	1.3	31
27	Effect and Safety of Meropenem+Vaborbactam versus Best-Available Therapy in Patients with Carbapenem-Resistant Enterobacteriaceae Infections: The TANGO II Randomized Clinical Trial. <i>Infectious Diseases and Therapy</i> , 2018, 7, 439-455.	1.8	313
28	Effectiveness of Above Cuff Vocalisation for ventilator-dependent patients with tracheostomies. <i>British Journal of Anaesthesia</i> , 2018, 120, e26.	1.5	1
29	Powering up ventilator-associated pneumonia: determining the optimum measure for assessing the impact of interventions to reduce ventilator-associated pneumonia. <i>British Journal of Anaesthesia</i> , 2018, 121, e31.	1.5	0
30	Levosimendan to prevent acute organ dysfunction in sepsis: the LeoPARDS RCT. <i>Efficacy and Mechanism Evaluation</i> , 2018, 5, 1-94.	0.9	3
31	BreathDx — molecular analysis of exhaled breath as a diagnostic test for ventilator-associated pneumonia: protocol for a European multicentre observational study. <i>BMC Pulmonary Medicine</i> , 2017, 17, 1.	0.8	84
32	The role of infection models and PK/PD modelling for optimising care of critically ill patients with severe infections. <i>Intensive Care Medicine</i> , 2017, 43, 1021-1032.	3.9	100
33	Use of nebulized antimicrobials for the treatment of respiratory infections in invasively mechanically ventilated adults: a position paper from the European Society of Clinical Microbiology and Infectious Diseases. <i>Clinical Microbiology and Infection</i> , 2017, 23, 629-639.	2.8	121
34	Nebulization of Antiinfective Agents in Invasively Mechanically Ventilated Adults. <i>Anesthesiology</i> , 2017, 126, 890-908.	1.3	87
35	Carbapenem-Resistant Enterobacteriaceae Infections: Results From a Retrospective Series and Implications for the Design of Prospective Clinical Trials. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx063.	0.4	44
36	BTS/ICS guideline for the ventilatory management of acute hypercapnic respiratory failure in adults. <i>Thorax</i> , 2016, 71, ii1-ii35.	2.7	280

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37	British Thoracic Society/Intensive Care Society Guideline for the ventilatory management of acute hypercapnic respiratory failure in adults. <i>BMJ Open Respiratory Research</i> , 2016, 3, e000133.	1.2	39
38	Pharmacodynamics of vancomycin for CoNS infection: experimental basis for optimal use of vancomycin in neonates. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 992-1002.	1.3	37
39	Intratracheal Administration of Antimicrobial Agents in Mechanically Ventilated Adults: An International Survey on Delivery Practices and Safety. <i>Respiratory Care</i> , 2016, 61, 1008-1014.	0.8	39
40	Global survey on nebulization of antimicrobial agents in mechanically ventilated patients: a call for international guidelines. <i>Clinical Microbiology and Infection</i> , 2016, 22, 359-364.	2.8	46
41	Cardiorespiratory interaction. <i>European Journal of Anaesthesiology</i> , 2015, 32, 374-375.	0.7	0
42	Efficacy of an Abbreviated Induction Regimen of Amphotericin B Deoxycholate for Cryptococcal Meningoencephalitis: 3 Days of Therapy Is Equivalent to 14 Days. <i>MBio</i> , 2014, 5, e00725-13.	1.8	23
43	How severe is antibiotic pharmacokinetic variability in critically ill patients and what can be done about it?. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 441-447.	0.8	56
44	Tissue Penetration of Antifungal Agents. <i>Clinical Microbiology Reviews</i> , 2014, 27, 68-88.	5.7	319
45	Individualised antibiotic dosing for patients who are critically ill: challenges and potential solutions. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 498-509.	4.6	745
46	Population Pharmacokinetics of Teicoplanin in Children. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6920-6927.	1.4	29
47	Individualization of Piperacillin Dosing for Critically Ill Patients: Dosing Software To Optimize Antimicrobial Therapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4094-4102.	1.4	72
48	Pulmonary Penetration of Piperacillin and Tazobactam in Critically Ill Patients. <i>Clinical Pharmacology and Therapeutics</i> , 2014, 96, 438-448.	2.3	43
49	Pharmacokinetics and Pharmacodynamics of Fluconazole for Cryptococcal Meningoencephalitis: Implications for Antifungal Therapy and <i>In Vitro</i> Susceptibility Breakpoints. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2793-2800.	1.4	52
50	Impact of Bolus Dosing versus Continuous Infusion of Piperacillin and Tazobactam on the Development of Antimicrobial Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5811-5819.	1.4	72
51	Pharmacokinetics and Pharmacodynamics of Anidulafungin for Experimental <i>Candida</i> Endophthalmitis: Insights into the Utility of Echinocandins for Treatment of a Potentially Sight-Threatening Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 281-288.	1.4	16
52	Population Pharmacokinetics of Conventional and Intermittent Dosing of Liposomal Amphotericin B in Adults: a First Critical Step for Rational Design of Innovative Regimens. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5303-5308.	1.4	26
53	Posaconazole: The Case for Therapeutic Drug Monitoring. <i>Therapeutic Drug Monitoring</i> , 2012, 34, 72-76.	1.0	32
54	Population Pharmacokinetics of Extended-Infusion Piperacillin-Tazobactam in Hospitalized Patients with Nosocomial Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4087-4094.	1.4	76

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55	Pharmacodynamics of Itraconazole against <i>Aspergillus fumigatus</i> in an <i>In Vitro</i> Model of the Human Alveolus: Perspectives on the Treatment of Triazole-Resistant Infection and Utility of Airway Administration. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4146-4153.	1.4	12
56	Anidulafungin for Neonatal Hematogenous <i>Candida</i> Meningoencephalitis: Identification of Candidate Regimens for Humans Using a Translational Pharmacological Approach. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 708-714.	1.4	33
57	<i>Aspergillus</i> bronchitis without significant immunocompromise. <i>Annals of the New York Academy of Sciences</i> , 2012, 1272, 73-85.	1.8	69
58	Isolation of <i>Aspergillus</i> species from the airway of lung transplant recipients is associated with excess mortality. <i>Journal of Infection</i> , 2012, 65, 350-356.	1.7	28
59	Clinical utility of micafungin: pharmacokinetics, dosing, use in special populations and drug interactions. <i>Mycoses</i> , 2012, 55, 33-38.	1.8	2
60	Peripheral neuropathy in patients on long-term triazole antifungal therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2136-2139.	1.3	59
61	Surveillance non-directed bronchial lavage allows confident use of focused antibiotics in the management of ventilator-associated pneumonia. <i>Journal of Infection</i> , 2010, 60, 397-399.	1.7	5
62	Efficacy and Safety of Posaconazole for Chronic Pulmonary Aspergillosis. <i>Clinical Infectious Diseases</i> , 2010, 51, 1383-1391.	2.9	123
63	An unusual contraindication to the use of non-invasive ventilation in A&E. <i>Emergency Medicine Journal</i> , 2010, 27, 615-615.	0.4	0
64	A 27-Year-Old Woman With Acute, Severe Asthma Who Developed Respiratory Failure. <i>Chest</i> , 2010, 137, 724-727.	0.4	0
65	Blood pleurodesis for the medical management of pneumothorax. <i>Thorax</i> , 2009, 64, 258-260.	2.7	43
66	Achieving high standards of training. <i>Clinical Medicine</i> , 2009, 9, 514-514.	0.8	1
67	Can a score derived from the Critical Care Minimum Data Set be used as a marker of organ dysfunction? â€“ a pilot study. <i>BMC Research Notes</i> , 2009, 2, 77.	0.6	14
68	Estimate of the Number of Patients Eligible for Treatment with Drotrecogin Alfa (Activated) Based on Differing International Indications: Post-hoc Analysis of an Inception Cohort Study in Australia and New Zealand. <i>Anaesthesia and Intensive Care</i> , 2006, 34, 184-190.	0.2	1
69	Life-threatening pulmonary hypertension and right ventricular failure complicating calcium and phosphate replacement in the intensive care unit. <i>Anaesthesia</i> , 2006, 61, 49-53.	1.8	13
70	Paralytic rabies after a two week holiday in India. <i>BMJ: British Medical Journal</i> , 2005, 331, 501-503.	2.4	51
71	Identification of carcinoma cells in peripheral blood samples of patients with advanced breast carcinoma using RT-PCR amplification of CK7 and MUC1. <i>Breast</i> , 2004, 13, 35-41.	0.9	21
72	A rare case of shock. <i>Annals of the Rheumatic Diseases</i> , 2003, 62, 705-706.	0.5	3

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73	Confirmation of internal jugular vein cannulation: the Finucane technique. Canadian Journal of Anaesthesia, 1993, 40, 1220-1221.	0.7	21
74	FALSE-POSITIVE MARKERS IN TESTICULAR TUMOURS. Lancet, The, 1982, 320, 1214.	6.3	4