

Tamas Szakmany

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

127
papers

8,601
citations

36
h-index

92
g-index

167
ext. papers

11,212
ext. citations

6.4
avg, IF

6.99
L-index

#	Paper	IF	Citations
127	Impact of introducing procalcitonin testing on antibiotic usage in acute NHS hospitals during the first wave of COVID-19 in the UK: a controlled interrupted time series analysis of organization-level data.. <i>Journal of Antimicrobial Chemotherapy</i> , 2022 ,	5.1	2
126	The PANDORA Study: Prevalence and Outcome of Acute Hypoxemic Respiratory Failure in the Pre-COVID-19 Era. 2022 , 4, e0684		0
125	Procalcitonin Increase Is Associated with the Development of Critical Care-Acquired Infections in COVID-19 ARDS. <i>Antibiotics</i> , 2021 , 10,	4.9	4
124	Sepsis outcomes in patients with pre-existing liver disease.. <i>Clinical and Experimental Hepatology</i> , 2021 , 7, 358-363	2.2	
123	The Use of Different Sepsis Risk Stratification Tools on the Wards and in Emergency Departments Uncovers Different Mortality Risks: Results of the Three Welsh National Multicenter Point-Prevalence Studies 2021 , 3, e0558		0
122	Cytokine Blockade in Coronavirus Disease 2019: Keeping an Open Mind 2021 , 3, e0424		
121	Use of Procalcitonin during the First Wave of COVID-19 in the Acute NHS Hospitals: A Retrospective Observational Study. <i>Antibiotics</i> , 2021 , 10,	4.9	8
120	Long-term trends in critical care admissions in Wales*. <i>Anaesthesia</i> , 2021 , 76, 1316-1325	6.6	4
119	Frailty assessed by administrative tools and mortality in patients with pneumonia admitted to the hospital and ICU in Wales. <i>Scientific Reports</i> , 2021 , 11, 13407	4.9	6
118	Differences in Inflammatory Marker Kinetics between the First and Second Wave of COVID-19 Patients Admitted to the ICU: A Retrospective, Single-Center Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
117	COVID-19: UK frontline intensivists' emerging learning. <i>Journal of the Intensive Care Society</i> , 2021 , 22, 211-213	1.6	0
116	The medicolegal landscape through the lens of COVID-19: time for reform. <i>Journal of the Royal Society of Medicine</i> , 2021 , 114, 55-59	2.3	3
115	Four consecutive yearly point-prevalence studies in Wales indicate lack of improvement in sepsis care on the wards. <i>Scientific Reports</i> , 2021 , 11, 16222	4.9	1
114	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: The REST Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1013-1023	27.4	30
113	Cytokine inhibitors in COVID-19: looking back to move forward. <i>Minerva Anestesiologica</i> , 2021 , 87, 848-850		
112	Comparing the Digital Footprint of Pulmonary and Critical Care Conferences on Twitter. <i>ATS Scholar</i> , 2021 , 2, 432-441	1.6	1
111	Do ventilatory parameters influence outcome in patients with severe acute respiratory infection? Secondary analysis of an international, multicentre 14-day inception cohort study. <i>Journal of Critical Care</i> , 2021 , 66, 78-85	4	

110	Feasibility of conservative fluid administration and deresuscitation compared with usual care in critical illness: the Role of Active Deresuscitation After Resuscitation-2 (RADAR-2) randomised clinical trial.. <i>Intensive Care Medicine</i> , 2021 , 48, 190	14.5	1
109	Quality of the discussion of asthma on twitter. <i>Journal of Asthma</i> , 2020 , 1-8	1.9	0
108	Prevalence and Outcomes of Acute Hypoxaemic Respiratory Failure in Wales: The PANDORA-WALES Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
107	Elective surgery cancellations due to the COVID-19 pandemic: global predictive modelling to inform surgical recovery plans. <i>British Journal of Surgery</i> , 2020 , 107, 1440-1449	5.3	509
106	Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study. <i>Critical Care</i> , 2020 , 24, 125	10.8	10
105	The clinical relevance of oliguria in the critically ill patient: analysis of a large observational database. <i>Critical Care</i> , 2020 , 24, 171	10.8	9
104	Development of a Bioinformatics Framework for Identification and Validation of Genomic Biomarkers and Key Immunopathology Processes and Controllers in Infectious and Non-infectious Severe Inflammatory Response Syndrome. <i>Frontiers in Immunology</i> , 2020 , 11, 380	8.4	8
103	Understanding and responding to COVID-19 in Wales: protocol for a privacy-protecting data platform for enhanced epidemiology and evaluation of interventions. <i>BMJ Open</i> , 2020 , 10, e043010	3	17
102	Growth of the Digital Footprint of the Society of Critical Care Medicine Annual Congress: 2014-2020 2020 , 2, e0252		3
101	Outcome of Hospitalization for COVID-19 in Patients with Interstitial Lung Disease. An International Multicenter Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1656-1665	10.2	72
100	Clinical Risk Prediction Scores in Coronavirus Disease 2019: Beware of Low Validity and Clinical Utility 2020 , 2, e0253		8
99	Discrete-Event Simulation Modeling of Critical Care Flow: New Hospital, Old Challenges 2020 , 2, e0174		2
98	Epidemiology of the First Wave of COVID-19 ICU Admissions in South Wales-The Interplay Between Ethnicity and Deprivation. <i>Frontiers in Medicine</i> , 2020 , 7, 569714	4.9	12
97	Prevalence of phenotypes of acute respiratory distress syndrome in critically ill patients with COVID-19: a prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 1209-1218	35.1	98
96	Real World Patterns of Antimicrobial Use and Microbiology Investigations in Patients with Sepsis outside the Critical Care Unit: Secondary Analysis of Three Nation-Wide Point Prevalence Studies. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	8
95	Defining the high-risk patient. <i>Journal of Emergency and Critical Care Medicine</i> , 2019 , 3, 40-40	0.6	
94	Effectiveness of a national quality improvement programme to improve survival after emergency abdominal surgery (EPOCH): a stepped-wedge cluster-randomised trial. <i>Lancet, The</i> , 2019 , 393, 2213-2221	4.0	70
93	Perceived differences between intensivists and infectious diseases consultants facing antimicrobial resistance: a global cross-sectional survey. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019 , 38, 1235-1240	5.3	9

92	Reliability of frailty assessment in the critically ill: a multicentre prospective observational study. <i>Anaesthesia</i> , 2019 , 74, 758-764	6.6	25
91	Improving outcome of sepsis on the ward: introducing the Sepsis Six Bundle. <i>Nursing in Critical Care</i> , 2019 , 24, 33-39	2.7	10
90	Spontaneous Breathing in Early Acute Respiratory Distress Syndrome: Insights From the Large Observational Study to UNderstand the Global Impact of Severe Acute Respiratory Failure Study. <i>Critical Care Medicine</i> , 2019 , 47, 229-238	1.4	38
89	Epidemiology of intra-abdominal infection and sepsis in critically ill patients: "AbSeS", a multinational observational cohort study and ESICM Trials Group Project. <i>Intensive Care Medicine</i> , 2019 , 45, 1703-1717	14.5	40
88	A Snapshot of Compliance with the Sepsis Six Care Bundle in Two Acute Hospitals in the West Midlands, UK. <i>Indian Journal of Critical Care Medicine</i> , 2019 , 23, 310-315	1.3	6
87	Introducing a new sedation policy in a large district general hospital: before and after cohort analysis. <i>Anaesthesiology Intensive Therapy</i> , 2019 , 51, 4-10	1.7	1
86	Lessons Learned From Web- and Social Media-Based Educational Initiatives by Pulmonary, Critical Care, and Sleep Societies. <i>Chest</i> , 2019 , 155, 671-679	5.3	12
85	A worldwide perspective of sepsis epidemiology and survival according to age: Observational data from the ICON audit. <i>Journal of Critical Care</i> , 2019 , 51, 122-132	4	9
84	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome: Insights from the LUNG SAFE Study. <i>Anesthesiology</i> , 2019 , 130, 263-283	4.3	21
83	Risk Factors for 1-Year Mortality and Hospital Utilization Patterns in Critical Care Survivors: A Retrospective, Observational, Population-Based Data Linkage Study. <i>Critical Care Medicine</i> , 2019 , 47, 15-22	1.4	30
82	Prospective observational cohort study on grading the severity of postoperative complications in global surgery research. <i>British Journal of Surgery</i> , 2019 , 106, e73-e80	5.3	8
81	Optimisation of Perioperative Cardiovascular Management to Improve Surgical Outcome II (OPTIMISE II) trial: study protocol for a multicentre international trial of cardiac output-guided fluid therapy with low-dose inotrope infusion compared with usual care in patients undergoing major abdominal and thoracic surgery. <i>BMJ Open</i> , 2019 , 9, e022155	3	21
80	Insertion rates and complications of central lines in the UK population: A pilot study. <i>Journal of the Intensive Care Society</i> , 2018 , 19, 19-25	1.6	9
79	Resolved versus confirmed ARDS after 24h: insights from the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2018 , 44, 564-577	14.5	36
78	Comparison of European ICU patients in 2012 (ICON) versus 2002 (SOAP). <i>Intensive Care Medicine</i> , 2018 , 44, 337-344	14.5	71
77	The surgical safety checklist and patient outcomes after surgery: a prospective observational cohort study, systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2018 , 120, 146-155	5.4	50
76	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018 , 22, 157	10.8	49
75	Epidemiology and patterns of tracheostomy practice in patients with acute respiratory distress syndrome in ICUs across 50 countries. <i>Critical Care</i> , 2018 , 22, 195	10.8	53

74	Association between soluble Toll-like receptor 2 concentrations and confirmed diagnosis of sepsis: results of a case-control study. <i>British Journal of Anaesthesia</i> , 2018 , 121, e26-e27	5.4	
73	Factors influencing clinician coherence with local antimicrobial guidelines in the management of sepsis. <i>Anaesthesiology Intensive Therapy</i> , 2018 , 50, 82-84	1.7	2
72	Defining sepsis on the wards: results of a multi-centre point-prevalence study comparing two sepsis definitions. <i>Anaesthesia</i> , 2018 , 73, 195-204	6.6	37
71	Sepsis in Intensive Care Unit Patients: Worldwide Data From the Intensive Care over Nations Audit. <i>Open Forum Infectious Diseases</i> , 2018 , 5, ofy313	1	120
70	Red-flag sepsis and SOFA identifies different patient population at risk of sepsis-related deaths on the general ward. <i>Medicine (United States)</i> , 2018 , 97, e13238	1.8	18
69	Identifying associations between diabetes and acute respiratory distress syndrome in patients with acute hypoxemic respiratory failure: an analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018 , 22, 268	10.8	14
68	Sepsis-related deaths in the at-risk population on the wards: attributable fraction of mortality in a large point-prevalence study. <i>BMC Research Notes</i> , 2018 , 11, 720	2.3	7
67	Soluble Toll-like receptor 2 is a biomarker for sepsis in critically ill patients with multi-organ failure within 12h of ICU admission. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 2	3.7	10
66	Critical care admission following elective surgery was not associated with survival benefit: prospective analysis of data from 27 countries. <i>Intensive Care Medicine</i> , 2017 , 43, 971-979	14.5	68
65	Geo-economic variations in epidemiology, patterns of care, and outcomes in patients with acute respiratory distress syndrome: insights from the LUNG SAFE prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 627-638	35.1	63
64	In-hospital clinical outcomes after upper gastrointestinal surgery: Data from an international observational study. <i>European Journal of Surgical Oncology</i> , 2017 , 43, 2324-2332	3.6	3
63	Ventilator-associated events [perhaps not the answer]. <i>Journal of the Intensive Care Society</i> , 2017 , 18, 263-264	1.6	
62	Use of failure-to-rescue to identify international variation in postoperative care in low-, middle- and high-income countries: a 7-day cohort study of elective surgery. <i>British Journal of Anaesthesia</i> , 2017 , 119, 258-266	5.4	29
61	Noninvasive Ventilation of Patients with Acute Respiratory Distress Syndrome. Insights from the LUNG SAFE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 67-77	10.2	269
60	Global patient outcomes after elective surgery: prospective cohort study in 27 low-, middle- and high-income countries. <i>British Journal of Anaesthesia</i> , 2016 , 117, 601-609	5.4	242
59	930: IMPROVING MULTIDISCIPLINARY INVOLVEMENT AT THE CRITICAL CARE CONGRESS THROUGH SOCIAL MEDIA. <i>Critical Care Medicine</i> , 2016 , 44, 308-308	1.4	24
58	Developing a digital data collection platform to measure the prevalence of sepsis in Wales. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016 , 23, 1185-1189	8.6	15
57	Quality of tracheostomy care is probably as important as timing. <i>British Journal of Anaesthesia</i> , 2016 , 116, 301	5.4	1

56	Epidemiology, Patterns of Care, and Mortality for Patients With Acute Respiratory Distress Syndrome in Intensive Care Units in 50 Countries. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 788-800	27.4	2131
55	Sepsis Patients with First and Second-Hit Infections Show Different Outcomes Depending on the Causative Organism. <i>Frontiers in Microbiology</i> , 2016 , 7, 207	5.7	12
54	Is HELICS the Right Way? Lack of Chest Radiography Limits Ventilator-Associated Pneumonia Surveillance in Wales. <i>Frontiers in Microbiology</i> , 2016 , 7, 1271	5.7	4
53	The impact of extracerebral organ failure on outcome of patients after cardiac arrest: an observational study from the ICON database. <i>Critical Care</i> , 2016 , 20, 368	10.8	27
52	Sepsis Prevalence and Outcome on the General Wards and Emergency Departments in Wales: Results of a Multi-Centre, Observational, Point Prevalence Study. <i>PLoS ONE</i> , 2016 , 11, e0167230	3.7	30
51	Reactive oxygen species metabolites in sepsis: markers and mediators. <i>Minerva Anestesiologica</i> , 2016 , 82, 1253-1255	1.9	
50	Fluid challenges in intensive care: the FENICE study: A global inception cohort study. <i>Intensive Care Medicine</i> , 2015 , 41, 1529-37	14.5	295
49	Effect of early tracheostomy on resource utilization and clinical outcomes in critically ill patients: meta-analysis of randomized controlled trials. <i>British Journal of Anaesthesia</i> , 2015 , 114, 396-405	5.4	51
48	Improving compliance with central venous catheter care bundles using electronic records. <i>Nursing in Critical Care</i> , 2015 , 20, 196-203	2.7	11
47	Nonelective surgery at night and in-hospital mortality: Prospective observational data from the European Surgical Outcomes Study. <i>European Journal of Anaesthesiology</i> , 2015 , 32, 477-85	2.3	18
46	Being Overweight Is Associated With Greater Survival in ICU Patients: Results From the Intensive Care Over Nations Audit. <i>Critical Care Medicine</i> , 2015 , 43, 2623-32	1.4	73
45	TRACHEOSTOMY PRACTICE IN A UK DGH: ARE WE MOVING WITH THE TIMES?. <i>Intensive Care Medicine Experimental</i> , 2015 , 3, A932	3.7	78
44	Haemodynamic Effects of Lung Recruitment Manoeuvres. <i>BioMed Research International</i> , 2015 , 2015, 478970	3	15
43	Sepsis in Wales on the general wards: results of a feasibility pilot. <i>British Journal of Anaesthesia</i> , 2015 , 114, 1000-1	5.4	6
42	Preventing sepsis. <i>Lancet Infectious Diseases, The</i> , 2015 , 15, 1259-60	25.5	6
41	Preventing sepsis. <i>Lancet Infectious Diseases, The</i> , 2015 , 15, 1260	25.5	2
40	Use of cisatracurium in critical care: a review of the literature. <i>Minerva Anestesiologica</i> , 2015 , 81, 450-60	1.9	14
39	Impact of infection on the prognosis of critically ill cirrhotic patients: results from a large worldwide study. <i>Liver International</i> , 2014 , 34, 1496-503	7.9	58

38	Microbe-specific unconventional T cells induce human neutrophil differentiation into antigen cross-presenting cells. <i>Journal of Immunology</i> , 2014 , 193, 3704-3716	5.3	69
37	Abdominal infections in the intensive care unit: characteristics, treatment and determinants of outcome. <i>BMC Infectious Diseases</i> , 2014 , 14, 420	4	64
36	947. <i>Critical Care Medicine</i> , 2014 , 42, A1588	1.4	2
35	357. <i>Critical Care Medicine</i> , 2014 , 42, A1446	1.4	
34	Assessment of the worldwide burden of critical illness: the intensive care over nations (ICON) audit. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 380-6	35.1	566
33	Effects of IgM-enriched immunoglobulin therapy in septic-shock-induced multiple organ failure: pilot study. <i>Journal of Anesthesia</i> , 2013 , 27, 618-22	2.2	13
32	Targeting the TLR co-receptor CD14 with TLR2-derived peptides modulates immune responses to pathogens. <i>Science Translational Medicine</i> , 2013 , 5, 185ra64	17.5	35
31	395. <i>Critical Care Medicine</i> , 2013 , 41, A94-A95	1.4	
30	From blood transfusion to patient blood management: a new paradigm for patient care and cost assessment of blood transfusion practice. <i>Internal Medicine Journal</i> , 2012 , 42, 332-8	1.6	42
29	Mortality after surgery in Europe: a 7 day cohort study. <i>Lancet, The</i> , 2012 , 380, 1059-65	40	1278
28	Skill development in graduate education. <i>Molecular Cell</i> , 2012 , 46, 377-81	17.6	12
27	N-acetylcysteine for sepsis and systemic inflammatory response in adults. <i>The Cochrane Library</i> , 2012 , CD006616	5.2	42
26	Candida bloodstream infections in intensive care units: analysis of the extended prevalence of infection in intensive care unit study. <i>Critical Care Medicine</i> , 2011 , 39, 665-70	1.4	265
25	Retrospective assessment of ED-(1,3)-glucan for presumptive diagnosis of fungal infections. <i>Apmis</i> , 2011 , 119, 280-6	3.4	15
24	A Respiratory Centre and Network Model for the Management of Severe Hypoxaemic Respiratory Failure. <i>Journal of the Intensive Care Society</i> , 2011 , 12, 158-160	1.6	1
23	A study of presbycardia, with gender differences favoring ageing women. <i>International Journal of Cardiology</i> , 2009 , 137, 236-45	3.2	30
22	Short-term effects of N-acetylcysteine and ischemic preconditioning in a canine model of hepatic ischemia-reperfusion injury. <i>European Surgical Research</i> , 2008 , 41, 226-30	1.1	12
21	N-acetylcysteine for sepsis and systemic inflammatory response in adults 2007 ,		1

20	Hemodynamic and respiratory changes during lung recruitment and descending optimal positive end-expiratory pressure titration in patients with acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 2007 , 35, 787-93	1.4	93
19	The influence of allogenic blood transfusion in patients having free-flap primary surgery for oral and oropharyngeal squamous cell carcinoma. <i>British Journal of Cancer</i> , 2006 , 94, 647-53	8.7	54
18	CVP does not reflect changes in preload when optimal PEEP is determined. <i>Critical Care</i> , 2005 , 9, P53	10.8	78
17	Peripheral oedema may not reflect capillary leak in severe sepsis: pilot study. <i>Critical Care</i> , 2005 , 9, P413	10.8	78
16	Haemodynamic monitoring during lung recruitment: ScvO ₂ or CO?. <i>European Journal of Anaesthesiology</i> , 2005 , 22, 174	2.3	1
15	Does transthoracic compared to transhiatal resection alter the early postoperative course of oesophagectomy?. <i>Ecological Management and Restoration</i> , 2005 , 18, 155-9	3	8
14	Effects of volumetric vs. pressure-guided fluid therapy on postoperative inflammatory response: a prospective, randomized clinical trial. <i>Intensive Care Medicine</i> , 2005 , 31, 656-63	14.5	23
13	Correlation between extravascular lung water and oxygenation in ALI/ARDS patients in septic shock: possible role in the development of atelectasis?. <i>Anaesthesia and Intensive Care</i> , 2004 , 32, 196-201	11.1	20
12	Increased glomerular permeability and pulmonary dysfunction following major surgery: correlation of microalbuminuria and PaO ₂ /FiO ₂ ratio. <i>Acta Anaesthesiologica Scandinavica</i> , 2004 , 48, 704-10	1.9	30
11	Fluid resuscitation with colloids of different molecular weight in septic shock. <i>Intensive Care Medicine</i> , 2004 , 30, 1356-60	14.5	54
10	Lack of effect of prophylactic N-acetylcysteine on postoperative organ dysfunction following major abdominal tumour surgery: a randomized, placebo-controlled, double-blinded clinical trial. <i>Anaesthesia and Intensive Care</i> , 2003 , 31, 267-71	1.1	18
9	Microalbuminuria does not reflect increased systemic capillary permeability in septic shock. <i>Intensive Care Medicine</i> , 2003 , 29, 391-5	14.5	44
8	Prophylactic N-acetylcysteine decreases serum CRP but not PCT levels and microalbuminuria following major abdominal surgery. A prospective, randomised, double-blinded, placebo-controlled clinical trial. <i>Intensive Care Medicine</i> , 2003 , 29, 749-55	14.5	20
7	Procalcitonin levels do not predict mortality following major abdominal surgery. <i>Canadian Journal of Anaesthesia</i> , 2003 , 50, 1082-3	3	10
6	Microalbuminuria: timing is everything!. <i>Intensive Care Medicine</i> , 2003 , 29, 1394; author reply 1395	14.5	6
5	Microalbuminuria in severe sepsis: timing is difficult, "normal" levels are uncertain. <i>Intensive Care Medicine</i> , 2003 , 29, 1395-1395	14.5	8
4	Microalbuminuria and serum procalcitonin levels following oesophagectomy. <i>European Journal of Anaesthesiology</i> , 2000 , 17, 464-465	2.3	26
3	Microalbuminuria and serum procalcitonin levels following oesophagectomy. <i>European Journal of Anaesthesiology</i> , 2000 , 17, 464-465	2.3	1

2	Microalbuminuria and serum procalcitonin levels following oesophagectomy. <i>European Journal of Anaesthesiology</i> , 2000 , 17, 464-5	2.3	7
1	Insights into the Epidemiology of the First Wave of COVID-19 ICU Admissions in South Wales – the Interplay between Ethnicity and Deprivation		3