

Alexander Wilmer

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

24,187
citations

34105

52
h-index

38395

95
g-index

103
all docs

103
docs citations

103
times ranked

14564
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensive Insulin Therapy in the Medical ICU. <i>New England Journal of Medicine</i> , 2006, 354, 449-461.	27.0	4,713
2	Early versus Late Parenteral Nutrition in Critically Ill Adults. <i>New England Journal of Medicine</i> , 2011, 365, 506-517.	27.0	2,410
3	Incidence and prognosis of intraabdominal hypertension in a mixed population of critically ill patients: A multiple-center epidemiological study*. <i>Critical Care Medicine</i> , 2005, 33, 315-322.	0.9	1,885
4	Results from the International Conference of Experts on Intra-abdominal Hypertension and Abdominal Compartment Syndrome. I. Definitions. <i>Intensive Care Medicine</i> , 2006, 32, 1722-1732.	8.2	1,507
5	Results from the International Conference of Experts on Intra-abdominal Hypertension and Abdominal Compartment Syndrome. II. Recommendations. <i>Intensive Care Medicine</i> , 2007, 33, 951-962.	8.2	1,432
6	Prevalence of intra-abdominal hypertension in critically ill patients: a multicentre epidemiological study. <i>Intensive Care Medicine</i> , 2004, 30, 822-829.	8.2	1,188
7	Thrombocytopenia and prognosis in intensive care. <i>Critical Care Medicine</i> , 2000, 28, 1871-1876.	0.9	1,046
8	Impact of Intensive Insulin Therapy on Neuromuscular Complications and Ventilator Dependency in the Medical Intensive Care Unit. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 480-489.	5.6	860
9	Bacterial infections in cirrhosis: A position statement based on the EASL Special Conference 2013. <i>Journal of Hepatology</i> , 2014, 60, 1310-1324.	3.7	685
10	Intensive Insulin Therapy in Mixed Medical/Surgical Intensive Care Units. <i>Diabetes</i> , 2006, 55, 3151-3159.	0.6	607
11	Galactomannan and Computed Tomography-Based Preemptive Antifungal Therapy in Neutropenic Patients at High Risk for Invasive Fungal Infection: A Prospective Feasibility Study. <i>Clinical Infectious Diseases</i> , 2005, 41, 1242-1250.	5.8	558
12	Early enteral nutrition in critically ill patients: ESICM clinical practice guidelines. <i>Intensive Care Medicine</i> , 2017, 43, 380-398.	8.2	528
13	Invasive Aspergillosis in Critically Ill Patients without Malignancy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 621-625.	5.6	463
14	Galactomannan in Bronchoalveolar Lavage Fluid. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 27-34.	5.6	457
15	Extracorporeal albumin dialysis with the molecular adsorbent recirculating system in acute-on-chronic liver failure: The RELIEF trial. <i>Hepatology</i> , 2013, 57, 1153-1162.	7.3	452
16	Acute Outcomes and 1-Year Mortality of Intensive Care Unit-acquired Weakness. A Cohort Study and Propensity-matched Analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 410-420.	5.6	390
17	Effect of tolerating macronutrient deficit on the development of intensive-care unit acquired weakness: a subanalysis of the EPaNIC trial. <i>Lancet Respiratory Medicine</i> , 2013, 1, 621-629.	10.7	255
18	Role of Disease and Macronutrient Dose in the Randomized Controlled EPaNIC Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 247-255.	5.6	238

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19	Intensive Insulin Therapy in Critically Ill Patients: NICE-SUGAR or Leuven Blood Glucose Target?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3163-3170.	3.6	236
20	Early features of acute-on-chronic alcoholic liver failure: a prospective cohort study. <i>Gut</i> , 2010, 59, 1561-1569.	12.1	226
21	Effect of the molecular adsorbent recirculating system and Prometheus devices on systemic haemodynamics and vasoactive agents in patients with acute-on-chronic alcoholic liver failure. <i>Critical Care</i> , 2006, 10, R108.	5.8	221
22	Invasive pulmonary aspergillosis is a frequent complication of critically ill H1N1 patients: a retrospective study. <i>Intensive Care Medicine</i> , 2012, 38, 1761-1768.	8.2	220
23	Comparison of Premortem Clinical Diagnoses in Critically Ill Patients and Subsequent Autopsy Findings. <i>Mayo Clinic Proceedings</i> , 2000, 75, 562-567.	3.0	152
24	Tight Blood Glucose Control Is Renoprotective in Critically Ill Patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 571-578.	6.1	131
25	Polymorphisms in innate immunity genes predispose to bacteremia and death in the medical intensive care unit*. <i>Critical Care Medicine</i> , 2009, 37, 192-e3.	0.9	130
26	The polycompartment syndrome: towards an understanding of the interactions between different compartments!. <i>Intensive Care Medicine</i> , 2007, 33, 1869-1872.	8.2	122
27	Watchful waiting versus immediate catheter removal in ICU patients with suspected catheter-related infection: a randomized trial. <i>Intensive Care Medicine</i> , 2004, 30, 1073-1080.	8.2	114
28	Five-year impact of ICU-acquired neuromuscular complications: a prospective, observational study. <i>Intensive Care Medicine</i> , 2020, 46, 1184-1193.	8.2	112
29	Portal hypertension: from pathophysiology to clinical practice. <i>Liver International</i> , 2005, 25, 1079-1090.	3.9	108
30	Prometheus Versus Molecular Adsorbents Recirculating System: Comparison of Efficiency in Two Different Liver Detoxification Devices. <i>Artificial Organs</i> , 2006, 30, 276-284.	1.9	105
31	Gastrointestinal dysfunction in the critically ill: a systematic scoping review and research agenda proposed by the Section of Metabolism, Endocrinology and Nutrition of the European Society of Intensive Care Medicine. <i>Critical Care</i> , 2020, 24, 224.	5.8	96
32	Intensive care unit acquired muscle weakness in COVID-19 patients. <i>Intensive Care Medicine</i> , 2020, 46, 2083-2085.	8.2	93
33	Critical illness evokes elevated circulating bile acids related to altered hepatic transporter and nuclear receptor expression. <i>Hepatology</i> , 2011, 54, 1741-1752.	7.3	86
34	Difference in time to positivity of hub-blood versus nonhub-blood cultures is not useful for the diagnosis of catheter-related bloodstream infection in critically ill patients. <i>Critical Care Medicine</i> , 2001, 29, 1399-1403.	0.9	85
35	Lactate Improves Prediction of Short-Term Mortality in Critically Ill Patients With Cirrhosis: A Multinational Study. <i>Hepatology</i> , 2019, 69, 258-269.	7.3	83
36	Detoxifying Capacity and Kinetics of Prometheus®: A New Extracorporeal System for the Treatment of Liver Failure. <i>Blood Purification</i> , 2005, 23, 349-358.	1.8	82

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37	MELD score to predict outcome in adult patients with nonâ€acetaminophenâ€induced acute liver failure. <i>Liver International</i> , 2007, 27, 329-334.	3.9	81
38	Acute-on-chronic liver failure: current concepts on definition, pathogenesis, clinical manifestations and potential therapeutic interventions. <i>Expert Review of Gastroenterology and Hepatology</i> , 2011, 5, 523-537.	3.0	80
39	â€Pieâ€of mind: End of life in the intensive care unit Statement of the Belgian Society of Intensive Care Medicine. <i>Journal of Critical Care</i> , 2014, 29, 174-175.	2.2	78
40	Pharmacist- versus physician-acquired medication history: a prospective study at the emergency department. <i>BMJ Quality and Safety</i> , 2010, 19, 371-375.	3.7	76
41	Impact of early parenteral nutrition completing enteral nutrition in adult critically ill patients (EPaNIC trial): a study protocol and statistical analysis plan for a randomized controlled trial. <i>Trials</i> , 2011, 12, 21.	1.6	76
42	Interaction Between Valproate and Meropenem: A Retrospective Study. <i>Annals of Pharmacotherapy</i> , 2007, 41, 1130-1136.	1.9	75
43	Venous Thromboembolism in Patients Discharged after COVID-19 Hospitalization. <i>Seminars in Thrombosis and Hemostasis</i> , 2021, 47, 362-371.	2.7	69
44	Long-Term Outcome of Transcatheter Embolotherapy for Acute Lower Gastrointestinal Hemorrhage. <i>American Journal of Gastroenterology</i> , 2009, 104, 2042-2046.	0.4	68
45	Needs and Feelings of Anxiety of Relatives of Patients Hospitalized in Intensive Care Units. <i>Social Work in Health Care</i> , 2002, 35, 21-40.	1.6	65
46	Mini-series: II. Clinical aspects. Clinically relevant CYP450-mediated drug interactions in the ICU. <i>Intensive Care Medicine</i> , 2009, 35, 603-612.	8.2	62
47	Early and long-term clinical and radiological follow-up results of expanded-polytetrafluoroethylene-covered stent-grafts for transjugular intrahepatic portosystemic shunt procedures. <i>European Radiology</i> , 2004, 14, 1842-50.	4.5	61
48	Use of Full Sterile Barrier Precautions during Insertion of Arterial Catheters: A Randomized Trial. <i>Clinical Infectious Diseases</i> , 2003, 36, 743-748.	5.8	58
49	Pathophysiology of Renal Hemodynamics and Renal Cortical Microcirculation in a Porcine Model of Elevated Intra-abdominal Pressure. <i>Journal of Trauma</i> , 2009, 66, 713-719.	2.3	56
50	Early versus late parenteral nutrition in ICU patients: cost analysis of the EPaNIC trial. <i>Critical Care</i> , 2012, 16, R96.	5.8	56
51	Offset of pharmacodynamic effects and safety of remifentanyl in intensive care unit patients with various degrees of renal impairment. <i>Critical Care</i> , 2004, 8, R21.	5.8	55
52	5-Hydroxytryptamine-3 receptors are involved in the initiation of gastric phase-3 motor activity in humans. <i>Gastroenterology</i> , 1993, 105, 773-780.	1.3	54
53	The Effect of Strict Blood Glucose Control on Biliary Sludge and Cholestasis in Critically Ill Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2345-2352.	3.6	53
54	Software-guided versus nurse-directed blood glucose control in critically ill patients: the LOGIC-2 multicenter randomized controlled clinical trial. <i>Critical Care</i> , 2017, 21, 212.	5.8	50

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55	Five-year mortality and morbidity impact of prolonged versus brief ICU stay: a propensity score matched cohort study. <i>Thorax</i> , 2019, 74, 1037-1045.	5.6	49
56	Posaconazole for prevention of invasive pulmonary aspergillosis in critically ill influenza patients (POSA-FLU): a randomised, open-label, proof-of-concept trial. <i>Intensive Care Medicine</i> , 2021, 47, 674-686.	8.2	49
57	Abdominal compartment syndrome related to noninvasive ventilation. <i>Intensive Care Medicine</i> , 2003, 29, 1177-1181.	8.2	47
58	Predictive value for weakness and 1-year mortality of screening electrophysiology tests in the ICU. <i>Intensive Care Medicine</i> , 2015, 41, 2138-2148.	8.2	46
59	Detoxifying Capacity and Kinetics of the Molecular Adsorbent Recycling System. <i>Blood Purification</i> , 2003, 21, 244-252.	1.8	44
60	Ambulatory intestinal manometry: a consensus report on its clinical role. <i>Digestive Diseases and Sciences</i> , 1997, 42, 2395-2400.	2.3	43
61	Varicella-Zoster Virus Infection Associated with Acute Liver Failure. <i>Clinical Infectious Diseases</i> , 1998, 27, 209-210.	5.8	40
62	The intensive care unit course and outcome in acute-on-chronic liver failure are comparable to other populations. <i>Journal of Hepatology</i> , 2018, 69, 803-809.	3.7	39
63	A prospective randomized open-label crossover trial of regional citrate anticoagulation vs. anticoagulation free liver dialysis by the Molecular Adsorbents Recirculating System. <i>Critical Care</i> , 2012, 16, R20.	5.8	38
64	Meropenem valproic acid interaction in patients with cefepime-associated status epilepticus. <i>American Journal of Health-System Pharmacy</i> , 2007, 64, 54-58.	1.0	36
65	Relationship between Abdominal Pressure, Pulmonary Compliance, and Cardiac Preload in a Porcine Model. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-6.	1.1	35
66	COVID-19 and gastrointestinal endoscopy: What should be taken into account?. <i>Digestive Endoscopy</i> , 2020, 32, 723-731.	2.3	33
67	ICU management of severe acute pancreatitis. <i>European Journal of Internal Medicine</i> , 2004, 15, 274-280.	2.2	30
68	Ambulatory small intestinal manometry. Detailed comparison of duodenal and jejunal motor activity in healthy man. <i>Digestive Diseases and Sciences</i> , 1997, 42, 1618-1627.	2.3	29
69	Effect of insulin therapy on coagulation and fibrinolysis in medical intensive care patients*. <i>Critical Care Medicine</i> , 2008, 36, 1475-1480.	0.9	28
70	Withholding parenteral nutrition during critical illness increases plasma bilirubin but lowers the incidence of biliary sludge. <i>Hepatology</i> , 2014, 60, 202-210.	7.3	28
71	Cytomegalovirus serostatus and outcome in nonimmunocompromised critically ill patients*. <i>Critical Care Medicine</i> , 2012, 40, 36-42.	0.9	25
72	Towards a fasting-mimicking diet for critically ill patients: the pilot randomized crossover ICU-FM-1 study. <i>Critical Care</i> , 2020, 24, 249.	5.8	24

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73	Monitoring and parenteral administration of micronutrients, phosphate and magnesium in critically ill patients: The VITA-TRACE survey. <i>Clinical Nutrition</i> , 2021, 40, 590-599.	5.0	23
74	Albumin dialysis: current practice and future options. <i>Liver International</i> , 2011, 31, 9-12.	3.9	21
75	Evidence-based medicine, or how to apply results of clinical trials to patient care. <i>Critical Care Medicine</i> , 2006, 34, 2512-2513.	0.9	20
76	The Molecular Adsorbent Recirculating System in patients with severe liver failure: clinical results at the K.U. Leuven. <i>Liver</i> , 2002, 22, 52-55.	0.1	19
77	Supplemental parenteral nutrition in critically ill patients. <i>Lancet, The</i> , 2013, 381, 1715.	13.7	18
78	Embolization of post-biliary sphincterotomy bleeding refractory to medical and endoscopic therapy: technical results, clinical efficacy and predictors of outcome. <i>European Radiology</i> , 2014, 24, 2779-2786.	4.5	17
79	Can augmented renal clearance be detected using estimators of glomerular filtration rate?. <i>Critical Care</i> , 2020, 24, 359.	5.8	17
80	Aerobic exercise capacity in long-term survivors of critical illness: secondary analysis of the post-EPaNIC follow-up study. <i>Intensive Care Medicine</i> , 2021, 47, 1462-1471.	8.2	17
81	Plasmalyte: No Longer a Culprit in Causing False-Positive Galactomannan Test Results. <i>Journal of Clinical Microbiology</i> , 2016, 54, 795-797.	3.9	15
82	Advances in acute pancreatitis. <i>Current Opinion in Critical Care</i> , 2021, 27, 193-200.	3.2	13
83	A Novel Method (CiMON) for Continuous Intra-Abdominal Pressure Monitoring: Pilot Test in a Pig Model. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-7.	1.1	12
84	MOLECULAR ANALYSIS OF SEPSIS-INDUCED CHANGES IN THE LIVER. <i>Shock</i> , 2010, 34, 427-436.	2.1	11
85	Five-year outcome of respiratory muscle weakness at intensive care unit discharge: secondary analysis of a prospective cohort study. <i>Thorax</i> , 2021, 76, 561-567.	5.6	11
86	The molecular adsorbent recycling system (MARS) and transmembrane transport of albumin-bound toxins. <i>Liver Transplantation</i> , 2005, 11, 853-854.	2.4	10
87	Appropriateness of Acid Suppression Therapy. <i>Annals of Pharmacotherapy</i> , 2017, 51, 125-134.	1.9	10
88	Evaluation of drotrecogin alpha use in a Belgian university hospital. <i>International Journal of Clinical Pharmacy</i> , 2006, 28, 290-295.	1.4	9
89	Endogenous Carbon Monoxide Production: A Rare and Detrimental Complication of Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2008, 54, 633-635.	1.6	9
90	The Impact of Resuscitated Fecal Peritonitis on the Expression of the Hepatic Bile Salt Transporters in a Porcine Model. <i>Shock</i> , 2010, 34, 508-516.	2.1	8

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91	The persistent potential of extracorporeal therapies in liver failure. <i>Intensive Care Medicine</i> , 2020, 46, 528-530.	8.2	5
92	Thromboprophylaxis in COVID-19: Weight and severity adjusted intensified dosing. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2022, 6, e12683.	2.3	4
93	Numerical assessment of the impact of a flow wire on its velocity measurements. <i>Ultrasound in Medicine and Biology</i> , 2006, 32, 1025-1036.	1.5	2
94	Predicting patient nurse-level intensity for a subsequent shift in the intensive care unit: A single-centre prospective observational study. <i>International Journal of Nursing Studies</i> , 2020, 109, 103657.	5.6	2
95	Recanalization of portal axis after cavoportal hemitransposition in a liver transplant recipient with complete splanchnic thrombosis. <i>Pediatric Transplantation</i> , 2021, 25, e14097.	1.0	2
96	A 42-Year-Old Woman With Sudden Onset of Back Pain and Severe Dyspnea. <i>Chest</i> , 2007, 131, 1595-1598.	0.8	0
97	Invasive pulmonary aspergillosis in the ICU: reply to Wichmann et al.. <i>Intensive Care Medicine</i> , 2013, 39, 791-791.	8.2	0
98	Case Report of Gastrointestinal Bleeding in an Adult with Chronic Visceral Acid Sphingomyelinase Deficiency. <i>Case Reports in Gastrointestinal Medicine</i> , 2019, 2019, 1-5.	0.3	0
99	Interpreting the Deep Sulcus Sign. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 204, 357-358.	5.6	0
100	Papillary thyroid carcinoma presenting with severe Guillain-Barré syndrome. <i>Acta Clinica Belgica</i> , 2021, 76, 236-238.	1.2	0
101	Targeted Pre-Emptive Anti-Aspergillus Therapy in Neutropenic Patients Not Receiving Empirical Antifungal Therapy.. <i>Blood</i> , 2004, 104, 2231-2231.	1.4	0
102	Cerebral cortex and respiratory muscles perfusion during spontaneous breathing attempts in ventilated patients and its relation to weaning outcomes: a protocol for a prospective observational study. <i>BMJ Open</i> , 2019, 9, e031072.	1.9	0