

Michaël A Kuiper

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

12,188
citations

46918

47
h-index

24915

109
g-index

120
all docs

120
docs citations

120
times ranked

9100
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Temperature Management at 33°C versus 36°C after Cardiac Arrest. <i>New England Journal of Medicine</i> , 2013, 369, 2197-2206.	13.9	2,805
2	Routine Use of the Confusion Assessment Method for the Intensive Care Unit. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 340-344.	2.5	1,318
3	Evolution of Mortality over Time in Patients Receiving Mechanical Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 220-230.	2.5	999
4	Effect of rivastigmine as an adjunct to usual care with haloperidol on duration of delirium and mortality in critically ill patients: a multicentre, double-blind, placebo-controlled randomised trial. <i>Lancet</i> , The, 2010, 376, 1829-1837.	6.3	359
5	Standardized EEG interpretation accurately predicts prognosis after cardiac arrest. <i>Neurology</i> , 2016, 86, 1482-1490.	1.5	293
6	Prognosis of coma after therapeutic hypothermia: A prospective cohort study. <i>Annals of Neurology</i> , 2012, 71, 206-212.	2.8	290
7	New classification of donation after circulatory death donors definitions and terminology. <i>Transplant International</i> , 2016, 29, 749-759.	0.8	287
8	Predictors of poor neurological outcome in adult comatose survivors of cardiac arrest: A systematic review and meta-analysis. Part 2: Patients treated with therapeutic hypothermia. <i>Resuscitation</i> , 2013, 84, 1324-1338.	1.3	270
9	Characteristics and Outcomes of Ventilated Patients According to Time to Liberation from Mechanical Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 430-437.	2.5	253
10	Neuron-Specific Enolase as a Predictor of Death or Poor Neurological Outcome After Out-of-Hospital Cardiac Arrest and Targeted Temperature Management at 33°C and 36°C. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2104-2114.	1.2	248
11	Treatment of hypophosphatemia in the intensive care unit: a review. <i>Critical Care</i> , 2010, 14, R147.	2.5	206
12	Effects of nitroglycerin on sublingual microcirculatory blood flow in patients with severe sepsis/septic shock after a strict resuscitation protocol: A double-blind randomized placebo controlled trial. <i>Critical Care Medicine</i> , 2010, 38, 93-100.	0.4	185
13	The Impact of Hospital and ICU Organizational Factors on Outcome in Critically Ill Patients. <i>Critical Care Medicine</i> , 2015, 43, 519-526.	0.4	170
14	Severe hypercapnia and outcome of mechanically ventilated patients with moderate or severe acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2017, 43, 200-208.	3.9	168
15	Predictors of poor neurological outcome in adult comatose survivors of cardiac arrest: A systematic review and meta-analysis. Part 1: Patients not treated with therapeutic hypothermia. <i>Resuscitation</i> , 2013, 84, 1310-1323.	1.3	166
16	Serum Neurofilament Light Chain for Prognosis of Outcome After Cardiac Arrest. <i>JAMA Neurology</i> , 2019, 76, 64.	4.5	158
17	Cognitive Function in Survivors of Out-of-Hospital Cardiac Arrest After Target Temperature Management at 33°C Versus 36°C. <i>Circulation</i> , 2015, 131, 1340-1349.	1.6	150
18	Neurologic Function and Health-Related Quality of Life in Patients Following Targeted Temperature Management at 33°C vs 36°C After Out-of-Hospital Cardiac Arrest. <i>JAMA Neurology</i> , 2015, 72, 634.	4.5	150

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19	Part 5: Adult Basic Life Support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2010, 122, S298-S324.	1.6	145
20	Target temperature management after out-of-hospital cardiac arrest—a randomized, parallel-group, assessor-blinded clinical trial—rationale and design. <i>American Heart Journal</i> , 2012, 163, 541-548.	1.2	141
21	Epidemiological characteristics, practice of ventilation, and clinical outcome in patients at risk of acute respiratory distress syndrome in intensive care units from 16 countries (PRoVENT): an international, multicentre, prospective study. <i>Lancet Respiratory Medicine</i> , 2016, 4, 882-893.	5.2	137
22	Furosemide does not improve renal recovery after hemofiltration for acute renal failure in critically ill patients: A double blind randomized controlled trial*. <i>Critical Care Medicine</i> , 2009, 37, 533-538.	0.4	119
23	Decreased cerebrospinal fluid nitrate levels in Parkinson's disease, Alzheimer's disease and multiple system atrophy patients. <i>Journal of the Neurological Sciences</i> , 1994, 121, 46-49.	0.3	113
24	The incidence of low venous oxygen saturation on admission in the ICU: a multicenter observational study in the Netherlands. <i>Critical Care</i> , 2008, 12, R33.	2.5	110
25	Neurological prognostication after cardiac arrest and targeted temperature management 33°C versus 36°C: Results from a randomised controlled clinical trial. <i>Resuscitation</i> , 2015, 93, 164-170.	1.3	110
26	Acute posthypoxic myoclonus after cardiopulmonary resuscitation. <i>BMC Neurology</i> , 2012, 12, 63.	0.8	98
27	Clinical review: use of venous oxygen saturations as a goal - a yet unfinished puzzle. <i>Critical Care</i> , 2011, 15, 232.	2.5	97
28	Laxation of critically ill patients with lactulose or polyethylene glycol: A two-center randomized, double-blind, placebo-controlled trial*. <i>Critical Care Medicine</i> , 2007, 35, 2726-2731.	0.4	92
29	Serum and urine cystatin C are poor biomarkers for acute kidney injury and renal replacement therapy. <i>Intensive Care Medicine</i> , 2011, 37, 493-501.	3.9	92
30	Central venous-arterial pCO ₂ difference as a tool in resuscitation of septic patients. <i>Intensive Care Medicine</i> , 2013, 39, 1034-1039.	3.9	89
31	Serum tau and neurological outcome in cardiac arrest. <i>Annals of Neurology</i> , 2017, 82, 665-675.	2.8	86
32	Disparity between skin perfusion and sublingual microcirculatory alterations in severe sepsis and septic shock: a prospective observational study. <i>Intensive Care Medicine</i> , 2008, 34, 1294-1298.	3.9	80
33	Prognostic significance of clinical seizures after cardiac arrest and target temperature management. <i>Resuscitation</i> , 2017, 114, 146-151.	1.3	73
34	Targeted hypothermia versus targeted Normothermia after out-of-hospital cardiac arrest (TTM2): A randomized clinical trial—Rationale and design. <i>American Heart Journal</i> , 2019, 217, 23-31.	1.2	72
35	Feedback and education improve physician compliance in use of lung-protective mechanical ventilation. <i>Intensive Care Medicine</i> , 2005, 31, 540-546.	3.9	71
36	Predictive value of interleukin-6 in post-cardiac arrest patients treated with targeted temperature management at 33 °C or 36 °C. <i>Resuscitation</i> , 2016, 98, 1-8.	1.3	67

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37	Protein S100 as outcome predictor after out-of-hospital cardiac arrest and targeted temperature management at 33°C and 36°C. <i>Critical Care</i> , 2017, 21, 153.	2.5	64
38	Head computed tomography for prognostication of poor outcome in comatose patients after cardiac arrest and targeted temperature management. <i>Resuscitation</i> , 2017, 119, 89-94.	1.3	63
39	Intravascular versus surface cooling for targeted temperature management after out-of-hospital cardiac arrest – an analysis of the TTM trial data. <i>Critical Care</i> , 2016, 20, 381.	2.5	62
40	HDL-cholesterol level and cortisol response to synacthen in critically ill patients. <i>Intensive Care Medicine</i> , 2003, 29, 2199-2203.	3.9	61
41	Imminent brain death: point of departure for potential heart-beating organ donor recognition. <i>Intensive Care Medicine</i> , 2010, 36, 1488-1494.	3.9	59
42	Target temperature management of 33°C and 36°C in patients with out-of-hospital cardiac arrest with initial non-shockable rhythm – A TTM sub-study. <i>Resuscitation</i> , 2015, 89, 142-148.	1.3	56
43	Single versus Serial Measurements of Neuron-Specific Enolase and Prediction of Poor Neurological Outcome in Persistently Unconscious Patients after Out-Of-Hospital Cardiac Arrest – A TTM-Trial Substudy. <i>PLoS ONE</i> , 2017, 12, e0168894.	1.1	55
44	No agreement of mixed venous and central venous saturation in sepsis, independent of sepsis origin. <i>Critical Care</i> , 2010, 14, R219.	2.5	54
45	Management and outcome of mechanically ventilated patients after cardiac arrest. <i>Critical Care</i> , 2015, 19, 215.	2.5	54
46	Association between ventilatory settings and development of acute respiratory distress syndrome in mechanically ventilated patients due to brain injury. <i>Journal of Critical Care</i> , 2017, 38, 341-345.	1.0	54
47	Mortality and neurological outcome in the elderly after target temperature management for out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015, 91, 92-98.	1.3	50
48	Association of Circulating MicroRNA-124-3p Levels With Outcomes After Out-of-Hospital Cardiac Arrest. <i>JAMA Cardiology</i> , 2016, 1, 305.	3.0	50
49	Induced hypothermia and determination of neurological outcome after CPR in ICUs in the Netherlands: Results of a survey. <i>Resuscitation</i> , 2010, 81, 393-397.	1.3	47
50	Time to awakening after cardiac arrest and the association with target temperature management. <i>Resuscitation</i> , 2018, 126, 166-171.	1.3	46
51	Impact of time to return of spontaneous circulation on neuroprotective effect of targeted temperature management at 33 or 36 degrees in comatose survivors of out-of hospital cardiac arrest. <i>Resuscitation</i> , 2015, 96, 310-316.	1.3	43
52	Measurement of lactate in a prehospital setting is related to outcome. <i>European Journal of Emergency Medicine</i> , 2009, 16, 318-322.	0.5	41
53	Impact of sedation and analgesia during noninvasive positive pressure ventilation on outcome: a marginal structural model causal analysis. <i>Intensive Care Medicine</i> , 2015, 41, 1586-1600.	3.9	41
54	A structured approach to neurologic prognostication in clinical cardiac arrest trials. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2013, 21, 45.	1.1	40

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55	Bradycardia During Targeted Temperature Management. <i>Critical Care Medicine</i> , 2016, 44, 308-318.	0.4	40
56	Cumulative lactate and hospital mortality in ICU patients. <i>Annals of Intensive Care</i> , 2013, 3, 6.	2.2	37
57	Serum GFAP and UCH-L1 for the prediction of neurological outcome in comatose cardiac arrest patients. <i>Resuscitation</i> , 2020, 154, 61-68.	1.3	37
58	Increased angiotensin-converting enzyme activity in cerebrospinal fluid of treated patients with Parkinson's disease. <i>Clinica Chimica Acta</i> , 1994, 231, 101-106.	0.5	36
59	No difference in mortality between men and women after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015, 96, 78-84.	1.3	36
60	Mechanical ventilation with lower tidal volumes does not influence the prescription of opioids or sedatives. <i>Critical Care</i> , 2007, 11, R77.	2.5	33
61	Associations between partial pressure of oxygen and neurological outcome in out-of-hospital cardiac arrest patients: an explorative analysis of a randomized trial. <i>Critical Care</i> , 2019, 23, 30.	2.5	33
62	Carbon dioxide dynamics in relation to neurological outcome in resuscitated out-of-hospital cardiac arrest patients: an exploratory Target Temperature Management Trial substudy. <i>Critical Care</i> , 2018, 22, 196.	2.5	31
63	MicroRNAs: new biomarkers and therapeutic targets after cardiac arrest?. <i>Critical Care</i> , 2015, 19, 54.	2.5	30
64	Incremental Value of Circulating MiR-122-5p to Predict Outcome after Out of Hospital Cardiac Arrest. <i>Theranostics</i> , 2017, 7, 2555-2564.	4.6	30
65	â€Sepsis-related anemiaâ€™ is absent at hospital presentation; a retrospective cohort analysis. <i>BMC Anesthesiology</i> , 2015, 15, 55.	0.7	29
66	Dysglycemia, Glycemic Variability, and Outcome After Cardiac Arrest and Temperature Management at 33Â°C and 36Â°C*. <i>Critical Care Medicine</i> , 2017, 45, 1337-1343.	0.4	29
67	Detailed statistical analysis plan for the target temperature management after out-of-hospital cardiac arrest trial. <i>Trials</i> , 2013, 14, 300.	0.7	27
68	Infectious complications after out-of-hospital cardiac arrestâ€™A comparison between two target temperatures. <i>Resuscitation</i> , 2017, 113, 70-76.	1.3	25
69	Mean arterial pressure during targeted temperature management and renal function after out-of-hospital cardiac arrest. <i>Journal of Critical Care</i> , 2019, 50, 234-241.	1.0	25
70	Serum Cystatin C-A Useful Endogenous Marker of Renal Function in Intensive Care Unit Patients at Risk for or with Acute Renal Failure?. <i>Current Medicinal Chemistry</i> , 2007, 14, 2314-2317.	1.2	24
71	Euthanasia: a word no longer to be used or abused. <i>Intensive Care Medicine</i> , 2007, 33, 549-550.	3.9	24
72	Withdrawal of Life-Sustaining Therapy after Cardiac Arrest. <i>Seminars in Neurology</i> , 2017, 37, 081-087.	0.5	23

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73	Changed transferrin sialylation in Parkinson's disease. <i>Clinica Chimica Acta</i> , 1995, 235, 159-167.	0.5	22
74	Determinants of Tidal Volumes with Adaptive Support Ventilation: A Multicenter Observational Study. <i>Anesthesia and Analgesia</i> , 2008, 107, 932-937.	1.1	22
75	The Impact of Nursing Delirium Preventive Interventions in the ICU: A Multicenter Cluster-randomized Controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 682-691.	2.5	21
76	Femoral venous oxygen saturation is no surrogate for central venous oxygen saturation*. <i>Critical Care Medicine</i> , 2012, 40, 3196-3201.	0.4	20
77	Comorbidity burden is not associated with higher mortality after out-of-hospital cardiac arrest. <i>Scandinavian Cardiovascular Journal</i> , 2016, 50, 305-310.	0.4	20
78	Prevention of ICU delirium and delirium-related outcome with haloperidol: a study protocol for a multicenter randomized controlled trial. <i>Trials</i> , 2013, 14, 400.	0.7	18
79	Prediction and Outcome of Intensive Care Unit-Acquired Paresis. <i>Journal of Intensive Care Medicine</i> , 2018, 33, 16-28.	1.3	18
80	Pneumopericardium should be considered with electrocardiogram changes after blunt chest trauma: a case report. <i>Journal of Medical Case Reports</i> , 2008, 2, 100.	0.4	17
81	A low body temperature on arrival at hospital following out-of-hospital-cardiac-arrest is associated with increased mortality in the TTM-study. <i>Resuscitation</i> , 2016, 107, 102-106.	1.3	17
82	High-sensitivity troponin-T as a prognostic marker after out-of-hospital cardiac arrest â€“ A targeted temperature management (TTM) trial substudy. <i>Resuscitation</i> , 2016, 107, 156-161.	1.3	17
83	Hypothermic versus Normothermic Temperature Control after Cardiac Arrest. , 2022, 1, .		17
84	Systemic and Urinary Neutrophil Gelatinase-Associated Lipocalins Are Poor Predictors of Acute Kidney Injury in Unselected Critically Ill Patients. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-8.	0.4	15
85	Usefulness of Serum B-Type Natriuretic Peptide Levels in Comatose Patients Resuscitated from Out-of-Hospital Cardiac Arrest to Predict Outcome. <i>American Journal of Cardiology</i> , 2016, 118, 998-1005.	0.7	15
86	Copeptin as a marker of outcome after cardiac arrest: a sub-study of the TTM trial. <i>Critical Care</i> , 2020, 24, 185.	2.5	14
87	Ethics roundtable debate: patients and surrogates want 'everything done'--what does 'everything' mean?. <i>Critical Care</i> , 2006, 10, 231.	2.5	13
88	Circulating Levels of miR-574-5p Are Associated with Neurological Outcome after Cardiac Arrest in Women: A Target Temperature Management (TTM) Trial Substudy. <i>Disease Markers</i> , 2019, 2019, 1-10.	0.6	13
89	Research on subjects incapable of giving informed consent: the situation in Dutch intensive care departments. <i>Intensive Care Medicine</i> , 2003, 29, 2100-2101.	3.9	12
90	Troublesome terminology for a tough truth. <i>Critical Care Medicine</i> , 2008, 36, 2482-2483.	0.4	12

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91	Microcirculatory perfusion and vascular reactivity are altered in post cardiac arrest patients, irrespective of target temperature management to 33°C vs 36°C. <i>Resuscitation</i> , 2015, 86, 14-18.	1.3	12
92	The new Surviving Sepsis Campaign recommendations on glucose control should be reconsidered. <i>Intensive Care Medicine</i> , 2008, 34, 779-780.	3.9	11
93	A change in the Dutch Directive on Medical Research Involving Human Subjects strongly increases the number of eligible intensive care patients: an observational study. <i>Intensive Care Medicine</i> , 2006, 32, 1845-1850.	3.9	10
94	Time to start of cardiopulmonary resuscitation and the effect of target temperature management at 33°C and 36°C. <i>Resuscitation</i> , 2016, 99, 44-49.	1.3	10
95	Dying. <i>Critical Care Medicine</i> , 2012, 40, 316-317.	0.4	9
96	CSF acetylcholinesterase in Parkinson disease: decreased enzyme activity and immunoreactivity in demented patients. <i>Clinica Chimica Acta</i> , 1995, 235, 101-105.	0.5	8
97	The Impact of a Pulmonary-Artery-Catheter-Based Protocol on Fluid and Catecholamine Administration in Early Sepsis. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-7.	0.4	8
98	Gamma-hydroxybutyrate withdrawal syndrome: a case report. <i>Cases Journal</i> , 2009, 2, 6530.	0.4	7
99	Association Between EEG Patterns and Serum Neurofilament Light After Cardiac Arrest. <i>Neurology</i> , 2022, 98, .	1.5	7
100	Lactate: An unusually sensitive parameter of ensuing organ failure?. <i>Critical Care Medicine</i> , 2010, 38, 337.	0.4	6
101	Caregiver burden and health-related quality of life amongst caregivers of out-of-hospital cardiac arrest survivors. <i>Resuscitation</i> , 2021, 167, 118-127.	1.3	6
102	Only a very bold man would attempt to define death. <i>Intensive Care Medicine</i> , 2014, 40, 897-899.	3.9	5
103	Cerebrospinal fluid acetylcholinesterase homospecific activity in patients with "probable Alzheimer's disease". <i>Biological Psychiatry</i> , 1994, 36, 708-709.	0.7	4
104	Structural Underfeeding Due to Inaccurate Feeding Pumps?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2007, 31, 154-154.	1.3	4
105	Year in review 2006: Critical Care " resource management. <i>Critical Care</i> , 2007, 11, 223.	2.5	4
106	Circulating Levels of Brain-Enriched MicroRNAs Correlate with Neuron Specific Enolase after Cardiac Arrest" A Substudy of the Target Temperature Management Trial. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4353.	1.8	4
107	Diagnosing Sporadic Creutzfeldt-Jakob Disease in a Patient with a Suspected Status Epilepticus in the Intensive Care Unit. <i>Case Reports in Neurological Medicine</i> , 2013, 2013, 1-4.	0.3	3
108	Colloids and Crystalloids. <i>Critical Care Medicine</i> , 2014, 42, e676.	0.4	2

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109	The Potential to Increase Organ Donation After Death by Circulatory Criteria. <i>Critical Care Medicine</i> , 2017, 45, e111.	0.4	2
110	“Please don’t let me be misunderstood”. <i>Critical Care Medicine</i> , 2009, 37, 2494.	0.4	1
111	The “Big” Dilemma. <i>Critical Care Medicine</i> , 2015, 43, 1338-1339.	0.4	1
112	Investigating associations between ICU level and quality of care in the Netherlands: reporting only SMRs is not the whole story. <i>Intensive Care Medicine</i> , 2015, 41, 1151-1151.	3.9	1
113	Body mass index and mortality in patients with acute lung injury. <i>Critical Care Medicine</i> , 2007, 35, 674-675.	0.4	0
114	Legislation on research involving patients who are (temporarily) unable to give informed consent: differences between European countries. <i>Intensive Care Medicine</i> , 2007, 33, 2217-2217.	3.9	0
115	From “inconvenient truth” to “assault on reason”. <i>Critical Care Medicine</i> , 2008, 36, 1387.	0.4	0
116	In Comatose Postcardiac Arrest Patients Treated With Therapeutic Hypothermia. <i>Critical Care Medicine</i> , 2014, 42, 483-484.	0.4	0
117	Should We Take the Temperature Out of Targeted Temperature Management?*. <i>Critical Care Medicine</i> , 2014, 42, 2642-2643.	0.4	0
118	Associations between dynamics of the blood glucose level after hypoglycemia and intensive care unit mortality: a retrospective multicenter study. <i>Intensive Care Medicine</i> , 2015, 41, 1864-1865.	3.9	0
119	Protein S100b for outcome prediction after out-of-hospital cardiac arrest and target temperature management at 33°C and 36°C. <i>Resuscitation</i> , 2015, 96, 39.	1.3	0