

# Matti Reinikainen

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/898855/matti-reinikainen-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

2,418

citations

28

h-index

47

g-index

100

ext. papers

3,001

ext. citations

5.5

avg, IF

4.59

L-index

#	Paper	IF	Citations
88	Incidence, risk factors and 90-day mortality of patients with acute kidney injury in Finnish intensive care units: the FINNAKI study. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 420-8	14.5	273
87	Fluid overload is associated with an increased risk for 90-day mortality in critically ill patients with renal replacement therapy: data from the prospective FINNAKI study. <i>Critical Care</i> , <b>2012</b> , 16, R197	10.8	232
86	Arterial blood gas tensions after resuscitation from out-of-hospital cardiac arrest: associations with long-term neurologic outcome. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 1463-70	1.4	112
85	Therapeutic hypothermia after out-of-hospital cardiac arrest in Finnish intensive care units: the FINNRESUSCI study. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 826-37	14.5	110
84	Acute kidney injury in patients with severe sepsis in Finnish Intensive Care Units. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2013</b> , 57, 863-72	1.9	80
83	Targeting low-normal or high-normal mean arterial pressure after cardiac arrest and resuscitation: a randomised pilot trial. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 2091-2101	14.5	74
82	Targeting two different levels of both arterial carbon dioxide and arterial oxygen after cardiac arrest and resuscitation: a randomised pilot trial. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 2112-2121	14.5	72
81	Incidence and mortality of super-refractory status epilepticus in adults. <i>Epilepsy and Behavior</i> , <b>2015</b> , 49, 131-4	3.2	63
80	Timing of RRT based on the presence of conventional indications. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2014</b> , 9, 1577-85	6.9	62
79	Pharmacokinetics of oxycodone after intravenous, buccal, intramuscular and gastric administration in children. <i>Clinical Pharmacokinetics</i> , <b>2004</b> , 43, 613-22	6.2	56
78	Hyperoxemia and long-term outcome after traumatic brain injury. <i>Critical Care</i> , <b>2013</b> , 17, R177	10.8	54
77	The attributable mortality of acute kidney injury: a sequentially matched analysis*. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 878-85	1.4	49
76	Variations in the length of stay of intensive care unit nonsurvivors in three Scandinavian countries. <i>Critical Care</i> , <b>2010</b> , 14, R175	10.8	44
75	Cardiac arrest after interscalene brachial plexus block with ropivacaine and lidocaine. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2003</b> , 47, 904-6	1.9	44
74	Population-based incidence, mortality and quality of life in critically ill patients treated with renal replacement therapy: a nationwide retrospective cohort study in Finnish intensive care units. <i>Critical Care</i> , <b>2012</b> , 16, R13	10.8	43
73	Mean arterial pressure and vasopressor load after out-of-hospital cardiac arrest: Associations with one-year neurologic outcome. <i>Resuscitation</i> , <b>2016</b> , 105, 116-22	4	40
72	Impact of gender on treatment and outcome of ICU patients. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2005</b> , 49, 984-90	1.9	40

71	Association of automated data collection and data completeness with outcomes of intensive care. A new customised model for outcome prediction. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2012</b> , 56, 1114-22 <sup>1.9</sup>	1.9	39
70	Intensive care of the elderly in Finland. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2007</b> , 51, 522-9	1.9	39
69	Neurofilament light as an outcome predictor after cardiac arrest: a post hoc analysis of the COMACARE trial. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 39-48	14.5	38
68	Predicting six-month mortality of patients with traumatic brain injury: usefulness of common intensive care severity scores. <i>Critical Care</i> , <b>2014</b> , 18, R60	10.8	37
67	Transfusion requirements in septic shock (TRISS) trial - comparing the effects and safety of liberal versus restrictive red blood cell transfusion in septic shock patients in the ICU: protocol for a randomised controlled trial. <i>Trials</i> , <b>2013</b> , 14, 150	2.8	37
66	Predictive value of urine interleukin-18 in the evolution and outcome of acute kidney injury in critically ill adult patients. <i>British Journal of Anaesthesia</i> , <b>2015</b> , 114, 460-8	5.4	35
65	Six-month survival and quality of life of intensive care patients with acute kidney injury. <i>Critical Care</i> , <b>2013</b> , 17, R250	10.8	35
64	Association of oliguria with the development of acute kidney injury in the critically ill. <i>Kidney International</i> , <b>2015</b> ,	9.9	34
63	Levobupivacaine for pediatric spinal anesthesia. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 98, 64-67	3.9	31
62	Long-term outcome of refractory status epilepticus in adults: A retrospective population-based study. <i>Epilepsy Research</i> , <b>2017</b> , 133, 13-21	3	30
61	Corticosteroid therapy in intensive care unit patients with PCR-confirmed influenza A(H1N1) infection in Finland. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2011</b> , 55, 971-9	1.9	28
60	High success rate and low incidence of headache and neurological symptoms with two spinal needle designs in children. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2005</b> , 49, 1367-72	1.9	28
59	Continuous wound infiltration with ropivacaine for analgesia after caesarean section: a randomised, placebo-controlled trial. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2014</b> , 58, 973-9	1.9	25
58	Premorbid functional status as a predictor of 1-year mortality and functional status in intensive care patients aged 80 years or older. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1221-1229	14.5	24
57	Predictors of hospital and one-year mortality in intensive care patients with refractory status epilepticus: a population-based study. <i>Critical Care</i> , <b>2017</b> , 21, 71	10.8	23
56	Supplemental postoperative oxygen in the prevention of surgical wound infection after lower limb vascular surgery: a randomized controlled trial. <i>World Journal of Surgery</i> , <b>2011</b> , 35, 1387-95	3.3	23
55	Isobaric ropivacaine 5 mg/ml for spinal anesthesia in children. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 100, 66-70 <sup>3.9</sup>	3.9	23
54	Near-infrared spectroscopy after out-of-hospital cardiac arrest. <i>Critical Care</i> , <b>2019</b> , 23, 171	10.8	22

53	Mortality in out-of-hospital cardiac arrest patients has decreased in the era of therapeutic hypothermia. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2012</b> , 56, 110-5	1.9	22
52	Outcomes and healthcare-associated costs one year after intensive care-treated cardiac arrest. <i>Resuscitation</i> , <b>2018</b> , 131, 128-134	4	22
51	Early Moderate Hyperoxemia Does Not Predict Outcome After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , <b>2016</b> , 78, 540-5	3.2	21
50	Costs, outcome and cost-effectiveness of neurocritical care: a multi-center observational study. <i>Critical Care</i> , <b>2018</b> , 22, 225	10.8	20
49	Case-mix-adjusted length of stay and mortality in 23 Finnish ICUs. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1060-7	7.5	19
48	Are small hospitals with small intensive care units able to treat patients with severe sepsis?. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 673-9	14.5	19
47	Targeting low- or high-normal Carbon dioxide, Oxygen, and Mean arterial pressure After Cardiac Arrest and REsuscitation: study protocol for a randomized pilot trial. <i>Trials</i> , <b>2017</b> , 18, 507	2.8	17
46	Conservative or liberal oxygen therapy in adults after cardiac arrest: An individual-level patient data meta-analysis of randomised controlled trials. <i>Resuscitation</i> , <b>2020</b> , 157, 15-22	4	17
45	Optimum Blood Pressure in Patients With Shock After Acute Myocardial Infarction and Cardiac Arrest. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 812-824	15.1	17
44	Plasma cell-free DNA in patients needing mechanical ventilation. <i>Critical Care</i> , <b>2011</b> , 15, R196	10.8	16
43	Outcome from intensive care after cardiac arrest: comparison between two patient samples treated in 1986-87 and 1999-2001 in Finnish ICUs. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2007</b> , 51, 151-7	1.9	16
42	Predicting one-year mortality of critically ill patients with early acute kidney injury: data from the prospective multicenter FINNAKI study. <i>Critical Care</i> , <b>2015</b> , 19, 125	10.8	15
41	Common intensive care scoring systems do not outperform age and glasgow coma scale score in predicting mid-term mortality in patients with spontaneous intracerebral hemorrhage treated in the intensive care unit. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2017</b> , 25, 102	3.6	15
40	Temporal Trends in Healthcare Costs and Outcome Following ICU Admission After Traumatic Brain Injury. <i>Critical Care Medicine</i> , <b>2018</b> , 46, e302-e309	1.4	15
39	Temporal trends in cardiac arrest incidence and outcome in Finnish intensive care units from 2003 to 2013. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1853-61	14.5	13
38	Association of ICU size and annual case volume of renal replacement therapy patients with mortality. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2012</b> , 56, 1175-82	1.9	13
37	Age of red blood cells and outcome in acute kidney injury. <i>Critical Care</i> , <b>2013</b> , 17, R222	10.8	13
36	Usefulness of neuron specific enolase in prognostication after cardiac arrest: Impact of age and time to ROSC. <i>Resuscitation</i> , <b>2019</b> , 139, 214-221	4	12

35	Running training alters fiber type composition in spinal muscles. <i>European Spine Journal</i> , <b>1994</b> , 3, 17-21	2.7	12
34	Management of prolonged epileptic seizures and status epilepticus in palliative care patients. <i>Epilepsy and Behavior</i> , <b>2019</b> , 101, 106288	3.2	10
33	Three-year mortality in 30-day survivors of critical care with acute kidney injury: data from the prospective observational FINNAKI study. <i>Annals of Intensive Care</i> , <b>2016</b> , 6, 118	8.9	10
32	Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , <b>2019</b> , 50, 2336-2343	6.7	10
31	Association of extracerebral organ failure with 1-year survival and healthcare-associated costs after cardiac arrest: an observational database study. <i>Critical Care</i> , <b>2019</b> , 23, 67	10.8	9
30	Excess mortality in winter in Finnish intensive care. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2006</b> , 50, 706-711	1.9	9
29	Validation of prognostic models in intensive care unit-treated pediatric traumatic brain injury patients. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2019</b> , 1-8	2.1	9
28	Association Between High Arterial Oxygen Tension and Long-Term Survival After Spontaneous Intracerebral Hemorrhage. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 180-7	1.4	9
27	Traumatic brain injury patient volume and mortality in neurosurgical intensive care units: a Finnish nationwide study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2016</b> , 24, 133	3.6	6
26	Posttraumatic epilepsy in intensive care unit-treated pediatric traumatic brain injury patients. <i>Epilepsia</i> , <b>2020</b> , 61, 693-701	6.4	4
25	Cerebrovascular autoregulation following cardiac arrest: Protocol for a post hoc analysis of the randomised COMACARE pilot trial. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2019</b> , 63, 1272-1277	1.9	4
24	Increased need for interventions predicts mortality in the critically ill. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2016</b> , 60, 1415-1424	1.9	2
23	Serum fibroblast growth factor 21 levels after out of hospital cardiac arrest are associated with neurological outcome. <i>Scientific Reports</i> , <b>2021</b> , 11, 690	4.9	2
22	The Association Between Arterial Oxygen Level and Outcome in Neurocritically Ill Patients is not Affected by Blood Pressure. <i>Neurocritical Care</i> , <b>2021</b> , 34, 413-422	3.3	2
21	A descriptive study of the surge response and outcomes of ICU patients with COVID-19 during first wave in Nordic countries. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2021</b> ,	1.9	2
20	Early surgery for superficial supratentorial spontaneous intracerebral hemorrhage: a Finnish Intensive Care Consortium study. <i>Acta Neurochirurgica</i> , <b>2020</b> , 162, 3153-3160	3	1
19	Intensive care patient survival after limiting life-sustaining treatment-The FINNEOL* national cohort study. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2020</b> , 64, 1144-1153	1.9	1
18	Comparison Without Comparability. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, 96	3	1

17	In Reply: Early Moderate Hyperoxemia does not Predict Outcome After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , <b>2017</b> , 80, E253	3.2	1
16	Premorbid functional status as an outcome predictor in intensive care patients aged over 85 years.. <i>BMC Geriatrics</i> , <b>2022</b> , 22, 38	4.1	1
15	Psychotropic Medication After Intensive Care Unit-Treated Pediatric Traumatic Brain Injury. <i>Pediatric Neurology</i> , <b>2020</b> , 112, 64-70	2.9	1
14	Costs and Cost-Utility of Critical Care and Subsequent Health Care: A Multicenter Prospective Study. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e345-e355	1.4	1
13	High Oxygen Does Not Increase Reperfusion Injury Assessed with Lipid Peroxidation Biomarkers after Cardiac Arrest: A Post Hoc Analysis of the COMACARE Trial. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	1
12	One-year costs of intensive care in pediatric patients with traumatic brain injury. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2020</b> , 1-8	2.1	1
11	Association of Sequential Organ Failure Assessment (SOFA) components with mortality.. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2022</b> ,	1.9	1
10	One-year healthcare costs of patients with spontaneous intracerebral hemorrhage treated in the intensive care unit. <i>European Stroke Journal</i> , 239698732210947	5.6	1
9	NSE concentrations and haemolysis after cardiac arrest. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 741-742	14.5	0
8	Variation in severity-adjusted resource use and outcome in intensive care units. <i>Intensive Care Medicine</i> , <b>2021</b> , 1	14.5	0
7	Trends in mortality after intensive care of patients with traumatic brain injury in Finland from 2003 to 2019: a Finnish Intensive Care Consortium study. <i>Acta Neurochirurgica</i> , <b>2021</b> , 1	3	0
6	Psychotropic medication use among patients with a traumatic brain injury treated in the intensive care unit: a multi-centre observational study. <i>Acta Neurochirurgica</i> , <b>2021</b> , 163, 2909-2917	3	0
5	Association of deranged cerebrovascular reactivity with brain injury following cardiac arrest: a post-hoc analysis of the COMACARE trial. <i>Critical Care</i> , <b>2021</b> , 25, 350	10.8	0
4	Trends in Mortality after Intensive Care of Patients with Aneurysmal Subarachnoid Hemorrhage in Finland in 2003-2019: A Finnish Intensive Care Consortium study.. <i>Neurocritical Care</i> , <b>2021</b> , 1	3.3	0
3	The incidence and outcome of in-ICU cardiac arrest. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 383	14.5	
2	Outcomes may have been no better after trauma care in university-level intensive care units. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2010</b> , 54, 1036; author reply 1036-7	1.9	
1	Prevalence and impact of hazardous alcohol use in intensive care cohort: A multicenter, register-based study. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2021</b> , 65, 1073-1078	1.9	