

# Matti Reinikainen

## List of Publications by Year in Descending Order

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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.

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	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
87	Association of Sequential Organ Failure Assessment (SOFA) components with mortality.. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2022</b> ,	1.9	1
86	Variation in severity-adjusted resource use and outcome in intensive care units. <i>Intensive Care Medicine</i> , <b>2021</b> , 1	14.5	0
85	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
84	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	
83	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
82	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
81	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
80	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
79	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
78	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
77	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
76	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
75	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
74	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
73	Posttraumatic epilepsy in intensive care unit-treated pediatric traumatic brain injury patients. <i>Epilepsia</i> , <b>2020</b> , 61, 693-701	6.4	4
72	Psychotropic Medication After Intensive Care Unit-Treated Pediatric Traumatic Brain Injury. <i>Pediatric Neurology</i> , <b>2020</b> , 112, 64-70	2.9	1

71	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
70	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
69	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
68	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
67	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
66	Near-infrared spectroscopy after out-of-hospital cardiac arrest. <i>Critical Care</i> , <b>2019</b> , 23, 171	10.8	22
65	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
64	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
63	NSE concentrations and haemolysis after cardiac arrest. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 741-742	14.5	0
62	Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , <b>2019</b> , 50, 2336-2343	6.7	10
61	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
60	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
59	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
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	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
56	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
55	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
54	Outcomes and healthcare-associated costs one year after intensive care-treated cardiac arrest. <i>Resuscitation</i> , <b>2018</b> , 131, 128-134	4	22

53	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
52	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
51	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
50	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
49	Comparison Without Comparability. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, 96	3	1
48	In Reply: Early Moderate Hyperoxemia does not Predict Outcome After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , <b>2017</b> , 80, E253	3.2	1
47	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
46	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
45	Early Moderate Hyperoxemia Does Not Predict Outcome After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , <b>2016</b> , 78, 540-5	3.2	21
44	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
43	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
42	Increased need for interventions predicts mortality in the critically ill. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2016</b> , 60, 1415-1424	1.9	2
41	Association of oliguria with the development of acute kidney injury in the critically ill. <i>Kidney International</i> , <b>2015</b> ,	9.9	34
40	Incidence and mortality of super-refractory status epilepticus in adults. <i>Epilepsy and Behavior</i> , <b>2015</b> , 49, 131-4	3.2	63
39	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
38	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
37	The incidence and outcome of in-ICU cardiac arrest. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 383	14.5	
36	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

35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	Hyperoxemia and long-term outcome after traumatic brain injury. <i>Critical Care</i> , <b>2013</b> , 17, R177	10.8	54
26	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
25	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
24	Age of red blood cells and outcome in acute kidney injury. <i>Critical Care</i> , <b>2013</b> , 17, R222	10.8	13
23	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	1.9	39
22	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
21	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
20	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
19	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
18	Plasma cell-free DNA in patients needing mechanical ventilation. <i>Critical Care</i> , <b>2011</b> , 15, R196	10.8	16

17	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
16	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
15	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	
14	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
13	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
12	Case-mix-adjusted length of stay and mortality in 23 Finnish ICUs. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1060-7	14.5	19
11	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
10	Intensive care of the elderly in Finland. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2007</b> , 51, 522-9	1.9	39
9	Excess mortality in winter in Finnish intensive care. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2006</b> , 50, 706-11	1.9	9
8	Isobaric ropivacaine 5 mg/ml for spinal anesthesia in children. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 100, 66-70	3.9	23
7	Impact of gender on treatment and outcome of ICU patients. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2005</b> , 49, 984-90	1.9	40
6	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
5	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
4	Levobupivacaine for pediatric spinal anesthesia. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 98, 64-67	3.9	31
3	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
2	Running training alters fiber type composition in spinal muscles. <i>European Spine Journal</i> , <b>1994</b> , 3, 17-21	2.7	12
1	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