

Richard R Riker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2721616/publications.pdf>

Version: 2024-02-01

125
papers

18,210
citations

38738

50
h-index

19188

118
g-index

131
all docs

131
docs citations

131
times ranked

9778
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Practice Guidelines for the Management of Pain, Agitation, and Delirium in Adult Patients in the Intensive Care Unit. <i>Critical Care Medicine</i> , 2013, 41, 263-306.	0.9	3,066
2	Clinical Practice Guidelines for the Prevention and Management of Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption in Adult Patients in the ICU. <i>Critical Care Medicine</i> , 2018, 46, e825-e873.	0.9	2,074
3	Clinical practice guidelines for the sustained use of sedatives and analgesics in the critically ill adult. <i>Critical Care Medicine</i> , 2002, 30, 119-141.	0.9	1,945
4	Dexmedetomidine vs Midazolam for Sedation of Critically Ill Patients<sub>title>A Randomized Trial</sub>. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 489.	7.4	1,409
5	Prospective evaluation of the Sedation-Agitation Scale for adult critically ill patients. <i>Critical Care Medicine</i> , 1999, 27, 1325-1329.	0.9	887
6	Ventilation of patients with acute lung injury and acute respiratory distress syndrome: Has new evidence changed clinical practice?*. <i>Critical Care Medicine</i> , 2004, 32, 1260-1265.	0.9	691
7	Adverse events and their relation to mortality in out-of-hospital cardiac arrest patients treated with therapeutic hypothermia*. <i>Critical Care Medicine</i> , 2011, 39, 57-64.	0.9	681
8	Assessing sedation during intensive care unit mechanical ventilation with the Bispectral Index and the Sedation-Agitation Scale. <i>Critical Care Medicine</i> , 1999, 27, 1499-1504.	0.9	606
9	Efficacy and safety of quetiapine in critically ill patients with delirium: A prospective, multicenter, randomized, double-blind, placebo-controlled pilot study*. <i>Critical Care Medicine</i> , 2010, 38, 419-427.	0.9	513
10	Delirium duration and mortality in lightly sedated, mechanically ventilated intensive care patients*. <i>Critical Care Medicine</i> , 2010, 38, 2311-2318.	0.9	414
11	Consensus Summary Statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. <i>Neurocritical Care</i> , 2014, 21, 1-26.	2.4	339
12	Subsyndromal delirium in the ICU: evidence for a disease spectrum. <i>Intensive Care Medicine</i> , 2007, 33, 1007-1013.	8.2	307
13	Continuous infusion of haloperidol controls agitation in critically ill patients. <i>Critical Care Medicine</i> , 1994, 22, 433-440.	0.9	276
14	Validating the Sedation-Agitation Scale with the Bispectral Index and Visual Analog Scale in adult ICU patients after cardiac surgery. <i>Intensive Care Medicine</i> , 2001, 27, 853-858.	8.2	262
15	Consensus summary statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. <i>Intensive Care Medicine</i> , 2014, 40, 1189-1209.	8.2	258
16	Cefepime-induced neurotoxicity: a systematic review. <i>Critical Care</i> , 2017, 21, 276.	5.8	216
17	Delirium assessment in the critically ill. <i>Intensive Care Medicine</i> , 2007, 33, 929-940.	8.2	204
18	Executive Summary: Clinical Practice Guidelines for the Prevention and Management of Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption in Adult Patients in the ICU. <i>Critical Care Medicine</i> , 2018, 46, 1532-1548.	0.9	197

#	ARTICLE	IF	CITATIONS
19	Adrenocortical Dysfunction Following Etomidate Induction in Emergency Department Patients. <i>Academic Emergency Medicine</i> , 2001, 8, 1-7.	1.8	185
20	Clinical practice guidelines for the management of pain, agitation, and delirium in adult patients in the intensive care unit: Executive summary. <i>American Journal of Health-System Pharmacy</i> , 2013, 70, 53-58.	1.0	150
21	Combined didactic and scenario-based education improves the ability of intensive care unit staff to recognize delirium at the bedside. <i>Critical Care</i> , 2008, 12, R19.	5.8	126
22	Benchmark Data From More Than 240,000 Adults That Reflect the Current Practice of Critical Care in the United States. <i>Chest</i> , 2011, 140, 1232-1242.	0.8	126
23	Frequency, Severity, and Treatment of Agitation in Young versus Elderly Patients in the ICU. <i>Pharmacotherapy</i> , 2000, 20, 75-82.	2.6	125
24	Adverse Events Associated with Sedatives, Analgesics, and Other Drugs That Provide Patient Comfort in the Intensive Care Unit. <i>Pharmacotherapy</i> , 2005, 25, 8S-18S.	2.6	124
25	Neurologic Outcomes and Postresuscitation Care of Patients With Myoclonus Following Cardiac Arrest*. <i>Critical Care Medicine</i> , 2015, 43, 965-972.	0.9	120
26	A cost-minimization analysis of dexmedetomidine compared with midazolam for long-term sedation in the intensive care unit*. <i>Critical Care Medicine</i> , 2010, 38, 497-503.	0.9	119
27	The bispectral index and suppression ratio are very early predictors of neurological outcome during therapeutic hypothermia after cardiac arrest. <i>Intensive Care Medicine</i> , 2010, 36, 281-288.	8.2	99
28	Adverse drug events associated with the use of analgesics, sedatives, and antipsychotics in the intensive care unit. <i>Critical Care Medicine</i> , 2010, 38, S231-S243.	0.9	92
29	Clinical Monitoring Scales in Acute Brain Injury: Assessment of Coma, Pain, Agitation, and Delirium. <i>Neurocritical Care</i> , 2014, 21, 27-37.	2.4	87
30	Association of gender to outcome after out-of-hospital cardiac arrest â€œ a report from the International Cardiac Arrest Registry. <i>Critical Care</i> , 2015, 19, 182.	5.8	87
31	Randomized ICU Trials Do Not Demonstrate an Association Between Interventions That Reduce Delirium Duration and Short-Term Mortality. <i>Critical Care Medicine</i> , 2014, 42, 1442-1454.	0.9	81
32	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: Evidentiary Tables. <i>Neurocritical Care</i> , 2014, 21, 297-361.	2.4	80
33	Five-Year Trends of Critical Care Practice and Outcomes. <i>Chest</i> , 2017, 152, 723-735.	0.8	77
34	Early withdrawal of life support after resuscitation from cardiac arrest is common and may result in additional deaths. <i>Resuscitation</i> , 2019, 139, 308-313.	3.0	77
35	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: A List of Recommendations and Additional Conclusions. <i>Neurocritical Care</i> , 2014, 21, 282-296.	2.4	71
36	Neurological Pupil Index and Pupillary Light Reflex by Pupillometry Predict Outcome Early After Cardiac Arrest. <i>Neurocritical Care</i> , 2020, 32, 152-161.	2.4	69

#	ARTICLE	IF	CITATIONS
37	The Frequency and Cost of Patient-Initiated Device Removal in the ICU. <i>Pharmacotherapy</i> , 2001, 21, 1-6.	2.6	67
38	Single-Dose Etomidate Is Not Associated With Increased Mortality in ICU Patients With Sepsis. <i>Critical Care Medicine</i> , 2013, 41, 774-783.	0.9	67
39	Tele-Critical Care: An Update From the Society of Critical Care Medicine Tele-ICU Committee*. <i>Critical Care Medicine</i> , 2020, 48, 553-561.	0.9	67
40	Removal of propylene glycol and correction of increased osmolar gap by hemodialysis in a patient on high dose lorazepam infusion therapy. <i>Intensive Care Medicine</i> , 2002, 28, 81-84.	8.2	66
41	Altering Intensive Care Sedation Paradigms to Improve Patient Outcomes. <i>Critical Care Clinics</i> , 2009, 25, 527-538.	2.6	65
42	Individual delirium symptoms: Do they matter?*. <i>Critical Care Medicine</i> , 2007, 35, 2533-2537.	0.9	64
43	Confirming the Reliability of the Sedation-Agitation Scale Administered by ICU Nurses without Experience in Its Use. <i>Pharmacotherapy</i> , 2001, 21, 431-436.	2.6	62
44	Comparing the Bispectral Index and Suppression Ratio with Burst Suppression of the Electroencephalogram During Pentobarbital Infusions in Adult Intensive Care Patients. <i>Pharmacotherapy</i> , 2003, 23, 1087-1093.	2.6	60
45	Transition from Dexmedetomidine to Enteral Clonidine for ICU Sedation: An Observational Pilot Study. <i>Pharmacotherapy</i> , 2015, 35, 251-259.	2.6	60
46	Heparin-induced thrombocytopenia with thrombosis in COVID-19 adult respiratory distress syndrome. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2020, 4, 936-941.	2.3	57
47	Determination of a Lorazepam Dose Threshold for Using the Osmol Gap to Monitor for Propylene Glycol Toxicity. <i>Pharmacotherapy</i> , 2008, 28, 984-991.	2.6	56
48	Intensive care sedation: the past, present and the future. <i>Critical Care</i> , 2013, 17, 322.	5.8	56
49	The eICU Research Institute - A Collaboration Between Industry, Health-Care Providers, and Academia. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2010, 29, 18-25.	0.8	53
50	Impact of quetiapine on resolution of individual delirium symptoms in critically ill patients with delirium: a post-hoc analysis of a double-blind, randomized, placebo-controlled study. <i>Critical Care</i> , 2011, 15, R215.	5.8	53
51	Prophylactic antibiotics are associated with a lower incidence of pneumonia in cardiac arrest survivors treated with targeted temperature management. <i>Resuscitation</i> , 2015, 92, 154-159.	3.0	53
52	Bispectral Index Monitoring in the Intensive Care Unit Provides More Signal Than Noise. <i>Pharmacotherapy</i> , 2005, 25, 19S-27S.	2.6	52
53	Emergency Neurological Life Support: Airway, Ventilation, and Sedation. <i>Neurocritical Care</i> , 2012, 17, 4-20.	2.4	52
54	Valproate for agitation in critically ill patients: A retrospective study. <i>Journal of Critical Care</i> , 2017, 37, 119-125.	2.2	52

#	ARTICLE	IF	CITATIONS
55	Psychometric Analysis of Subjective Sedation Scales in Critically Ill Adults. <i>Critical Care Medicine</i> , 2013, 41, S16-S29.	0.9	50
56	Inadequacy of Headache Management After Subarachnoid Hemorrhage. <i>American Journal of Critical Care</i> , 2016, 25, 136-143.	1.6	46
57	Surface Cooling after Cardiac Arrest: Effectiveness, Skin Safety, and Adverse Events in Routine Clinical Practice. <i>Neurocritical Care</i> , 2011, 14, 382-388.	2.4	44
58	Derivation and Validation of the CREST Model for Very Early Prediction of Circulatory Etiology Death in Patients Without ST-Segment Elevation Myocardial Infarction After Cardiac Arrest. <i>Circulation</i> , 2018, 137, 273-282.	1.6	43
59	ICU Clinicians Underestimate Breathing Discomfort in Ventilated Subjects. <i>Respiratory Care</i> , 2017, 62, 150-155.	1.6	34
60	Variation in Sedation and Neuromuscular Blockade Regimens on Outcome After Cardiac Arrest*. <i>Critical Care Medicine</i> , 2018, 46, e975-e980.	0.9	34
61	The accurate recognition of delirium in the ICU: the emperor's new clothes?. <i>Intensive Care Medicine</i> , 2013, 39, 2196-2199.	8.2	33
62	Variability in functional outcome and treatment practices by treatment center after out-of-hospital cardiac arrest: analysis of International Cardiac Arrest Registry. <i>Intensive Care Medicine</i> , 2019, 45, 637-646.	8.2	33
63	Evaluating Patient-Centered Outcomes in Clinical Trials of Procedural Sedation, Part 1 Efficacy: Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research Recommendations. <i>Anesthesia and Analgesia</i> , 2017, 124, 821-830.	2.2	32
64	Repurposing Valproate, Enteral Clonidine, and Phenobarbital for Comfort in Adult ICU Patients: A Literature Review with Practical Considerations. <i>Pharmacotherapy</i> , 2017, 37, 1309-1321.	2.6	31
65	Valproate Protein Binding Is Highly Variable in ICU Patients and Not Predicted by Total Serum Concentrations: A Case Series and Literature Review. <i>Pharmacotherapy</i> , 2017, 37, 500-508.	2.6	30
66	Amantadine and Modafinil as Neurostimulants Following Acute Stroke: A Retrospective Study of Intensive Care Unit Patients. <i>Neurocritical Care</i> , 2021, 34, 102-111.	2.4	29
67	Comfort without coma: Changing sedation practices*. <i>Critical Care Medicine</i> , 2007, 35, 635-637.	0.9	25
68	Altering Intensive Care Sedation Paradigms to Improve Patient Outcomes. <i>Anesthesiology Clinics</i> , 2011, 29, 663-674.	1.4	25
69	Feasibility of bispectral index monitoring to guide early post-resuscitation cardiac arrest triage. <i>Resuscitation</i> , 2014, 85, 1030-1036.	3.0	25
70	Moderate-Dose Sedation and Analgesia During Targeted Temperature Management After Cardiac Arrest. <i>Neurocritical Care</i> , 2015, 22, 105-111.	2.4	25
71	Initial bispectral index may identify patients who will awaken during therapeutic hypothermia after cardiac arrest: A retrospective pilot study. <i>Resuscitation</i> , 2013, 84, 794-797.	3.0	24
72	Risk Stratification Among Survivors of Cardiac Arrest Considered for Coronary Angiography. <i>Journal of the American College of Cardiology</i> , 2021, 77, 360-371.	2.8	24

#	ARTICLE	IF	CITATIONS
73	Amantadine and Modafinil as Neurostimulants During Post-stroke Care: A Systematic Review. <i>Neurocritical Care</i> , 2020, 33, 283-297.	2.4	23
74	Analgesia, sedation, and neuromuscular blockade during targeted temperature management after cardiac arrest. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2015, 29, 435-450.	4.0	22
75	DEspRhigh neutrophils are associated with critical illness in COVID-19. <i>Scientific Reports</i> , 2021, 11, 22463.	3.3	18
76	Association of the Bedside Shivering Assessment Scale and derived EMG power during therapeutic hypothermia in survivors of cardiac arrest. <i>Resuscitation</i> , 2011, 82, 1100-1103.	3.0	17
77	Evaluating Patient-Centered Outcomes in Clinical Trials of Procedural Sedation, Part 2 Safety: Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research Recommendations. <i>Anesthesia and Analgesia</i> , 2018, 127, 1146-1154.	2.2	16
78	Evaluating and Monitoring Sedation, Arousal, and Agitation in the ICU. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2013, 34, 169-178.	2.1	15
79	Influence of sex on survival, neurologic outcomes, and neurodiagnostic testing after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021, 167, 66-75.	3.0	14
80	Functional outcomes associated with varying levels of targeted temperature management after out-of-hospital cardiac arrest " An INTCAR2 registry analysis. <i>Resuscitation</i> , 2020, 146, 229-236.	3.0	13
81	Approaches to community consultation in exception from informed consent: Analysis of scope, efficiency, and cost at two centers. <i>Resuscitation</i> , 2018, 130, 81-87.	3.0	12
82	Accuracy of Point-of-Care Blood Glucose Level Measurements in Critically Ill Patients with Sepsis Receiving High-Dose Intravenous Vitamin C. <i>Pharmacotherapy</i> , 2018, 38, 1155-1161.	2.6	11
83	Number of Circulating CD73-Expressing Lymphocytes Correlates With Survival After Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2019, 8, e010874.	3.7	11
84	Design of Clinical Trials Evaluating Sedation in Critically Ill Adults Undergoing Mechanical Ventilation: Recommendations From Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER) Recommendation III. <i>Critical Care Medicine</i> , 2021, 49, 1684-1693.	0.9	11
85	Phenobarbital Provides Effective Sedation for a Select Cohort of Adult ICU Patients Intolerant of Standard Treatment: A Brief Report. <i>Hospital Pharmacy</i> , 2006, 41, 17-23.	1.0	10
86	The New Practice Guidelines for Pain, Agitation, and Delirium. <i>American Journal of Critical Care</i> , 2013, 22, 153-157.	1.6	10
87	Free serum valproate concentration more reliable than total concentration in critically ill patients. <i>Resuscitation</i> , 2016, 105, e15-e16.	3.0	9
88	The association of partial pressures of oxygen and carbon dioxide with neurological outcome after out-of-hospital cardiac arrest: an explorative International Cardiac Arrest Registry 2.0 study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2020, 28, 67.	2.6	9
89	The Uncertain Risk of Single-Dose Etomidate in the Critically Ill. <i>Hospital Pharmacy</i> , 2005, 40, 658-661.	1.0	8
90	Continuous surface EMG power reflects the metabolic cost of shivering during targeted temperature management after cardiac arrest. <i>Resuscitation</i> , 2018, 131, 8-13.	3.0	8

#	ARTICLE	IF	CITATIONS
91	An Analysis of Psychoactive Medications Initiated in the ICU but Continued Beyond Discharge: A Pilot Study of Stewardship. <i>Journal of Pharmacy Practice</i> , 2020, 33, 760-767.	1.0	8
92	Incidence of cardiac interventions and associated cardiac arrest outcomes in patients with nonshockable initial rhythms and no ST elevation post resuscitation. <i>Resuscitation</i> , 2021, 167, 188-197.	3.0	8
93	In the Middle of Difficulty Lies Opportunity.â€”Albert Einstein*. <i>Critical Care Medicine</i> , 2018, 46, 1881-1882.	0.9	6
94	Dissecting Sedation-Induced Delirium*. <i>Critical Care Medicine</i> , 2013, 41, 1144-1146.	0.9	5
95	Hemodynamic, Biochemical, and Ventilatory Parameters are Independently Associated with Outcome after Cardiac Arrest. <i>Neurocritical Care</i> , 2018, 29, 69-76.	2.4	5
96	Deliriumâ€”Beyond the CAM-ICU*. <i>Critical Care Medicine</i> , 2020, 48, 134-136.	0.9	5
97	Visual compatibility of haloperidol lactate with injectable solutions. <i>American Journal of Health-System Pharmacy</i> , 1994, 51, 905-906.	1.0	4
98	Midodrine administration during critical illness: fixed-dose or titrate to response?. <i>Intensive Care Medicine</i> , 2021, 47, 249-251.	8.2	4
99	ICU DELIRIUM ASSESSMENT TOOLS OFTEN DISAGREE.. <i>Critical Care Medicine</i> , 2006, 34, A7.	0.9	3
100	Heart Rate and the Post Cardiac Arrest Syndrome. <i>Critical Care Medicine</i> , 2016, 44, 448-449.	0.9	3
101	Caution Warranted Regarding Transfusion for Subarachnoid Hemorrhage. <i>Critical Care Medicine</i> , 2017, 45, e986-e987.	0.9	3
102	Outcomes in Cardiac Arrest Vary by Center After Correction for Case Mix and Severity of Illness. <i>Chest</i> , 2017, 152, A72.	0.8	3
103	Early cerebral edema after cardiac arrest and its ramifications. <i>Resuscitation</i> , 2020, 154, 112-114.	3.0	3
104	Validation of the suppression ratio from a simplified EEG montage during targeted temperature management after cardiac arrest. <i>Resuscitation</i> , 2020, 153, 1-5.	3.0	3
105	Ceftriaxone to PRevent pneumOnia and inflammaTion aftEr Cardiac arresT (PROTECT): study protocol for a randomized, placebo-controlled trial. <i>Trials</i> , 2022, 23, 197.	1.6	3
106	Methadone bioavailability and dose conversion implications with intravenous and enteral administration: A scoping review. <i>American Journal of Health-System Pharmacy</i> , 2021, 78, 1395-1401.	1.0	2
107	Letter to the Editor: â€œMidodrine to liberate ICU patients from intravenous vasopressors: Another negative fixed-dose trialâ€. <i>Journal of Critical Care</i> , 2022, 69, 153995.	2.2	2
108	Advances and Controversies in Adult ICU Sedation, Part 3: Evolving Pharmacological Treatment Issues. <i>Hospital Pharmacy</i> , 2002, 37, 362-368.	1.0	1

#	ARTICLE	IF	CITATIONS
109	Corticosteroids in the Critically Ill. Hospital Pharmacy, 2004, 39, 116-118.	1.0	1
110	Sedation, nighttime, icebergs, and the Titanic*. Critical Care Medicine, 2012, 40, 2905-2906.	0.9	1
111	Sedation quality in intensive care: which interventions work?. Lancet Respiratory Medicine, the, 2016, 4, 767-768.	10.7	1
112	51: EFFECT OF SEDATION AND NEUROMUSCULAR BLOCKADE REGIMENS ON OUTCOMES AFTER CARDIAC ARREST. Critical Care Medicine, 2018, 46, 26-26.	0.9	1
113	Valproate free serum concentrations: More complex than simple formulas. Seizure: the Journal of the British Epilepsy Association, 2018, 60, 155-156.	2.0	1
114	Understanding post-cardiac arrest myoclonus. Resuscitation, 2018, 131, A3-A4.	3.0	1
115	Response. Chest, 2018, 154, 465.	0.8	1
116	Vasopressin-Induced Hyponatremia in Patients With Aneurysmal Subarachnoid Hemorrhage: A Case Series and Literature Review. Journal of Pharmacy Practice, 2023, 36, 689-694.	1.0	1
117	Bispectral index and suppression ratio during hypothermia after cardiac arrest: reply to Aibiki. Intensive Care Medicine, 2011, 37, 1400-1401.	8.2	0
118	The authors reply. Critical Care Medicine, 2015, 43, e397-e398.	0.9	0
119	SLEAP. Critical Care Medicine, 2015, 43, 703-705.	0.9	0
120	Postresuscitation Experience of Obese and Underweight Patients After Cardiac Arrest. Chest, 2017, 152, A373.	0.8	0
121	Do we need continuous electroencephalography after cardiac arrest?. Resuscitation, 2019, 136, 136-137.	3.0	0
122	Response to The challenges of diagnosing heparin-induced thrombocytopenia in patients with COVID-19. Research and Practice in Thrombosis and Haemostasis, 2020, 4, 1068-1069.	2.3	0
123	Response to Dr. Panda and Colleagues. Neurocritical Care, 2021, 35, 279-280.	2.4	0
124	Comment: A Review of Pharmacologic Neurostimulant Use During Rehabilitation and Recovery After Brain Injury. Annals of Pharmacotherapy, 2021, , 106002802110526.	1.9	0
125	Prospective Validation of Sedation Scale Scores That Identify Light Sedation: A Pilot Study. American Journal of Critical Care, 2022, 31, 202-208.	1.6	0