Richard R Riker

List of Publications by Year
in descending order

125 papers	18,210 citations	44444 50 h-index	21843 118 g-index
131 all docs	131 docs citations	131 times ranked	10278 citing authors

#	Article	IF	Citations
1	Vasopressin-Induced Hyponatremia in Patients With Aneurysmal Subarachnoid Hemorrhage: A Case Series and Literature Review. Journal of Pharmacy Practice, 2023, 36, 689-694.	0.5	1
2	Letter to the Editor: â€œMidodrine to liberate ICU patients from intravenous vasopressors: Another negative fixed-dose trialâ€. Journal of Critical Care, 2022, 69, 153995.	1.0	2
3	Ceftriaxone to PRevent pneumOnia and inflammaTion aftEr Cardiac arresT (PROTECT): study protocol for a randomized, placebo-controlled trial. Trials, 2022, 23, 197.	0.7	3
4	Prospective Validation of Sedation Scale Scores That Identify Light Sedation: A Pilot Study. American Journal of Critical Care, 2022, 31, 202-208.	0.8	0
5	Midodrine administration during critical illness: fixed-dose or titrate to response?. Intensive Care Medicine, 2021, 47, 249-251.	3.9	4
6	Risk Stratification Among Survivors of Cardiac Arrest Considered for CoronaryÂAngiography. Journal of the American College of Cardiology, 2021, 77, 360-371.	1.2	24
7	Methadone bioavailability and dose conversion implications with intravenous and enteral administration: A scoping review. American Journal of Health-System Pharmacy, 2021, 78, 1395-1401.	0.5	2
8	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. Critical Care Medicine, 2021, 49, 1684-1693.	0.4	11
9	Response to Dr. Panda and Colleagues. Neurocritical Care, 2021, 35, 279-280.	1.2	0
10	Influence of sex on survival, neurologic outcomes, and neurodiagnostic testing after out-of-hospital cardiac arrest. Resuscitation, 2021, 167, 66-75.	1.3	14
11	Incidence of cardiac interventions and associated cardiac arrest outcomes in patients with nonshockable initial rhythms and no ST elevation post resuscitation. Resuscitation, 2021, 167, 188-197.	1.3	8
12	Amantadine and Modafinil as Neurostimulants Following Acute Stroke: A Retrospective Study of Intensive Care Unit Patients. Neurocritical Care, 2021, 34, 102-111.	1.2	29
13	Comment: A Review of Pharmacologic Neurostimulant Use During Rehabilitation and Recovery After Brain Injury. Annals of Pharmacotherapy, 2021, , 106002802110526.	0.9	0
14	DEspRhigh neutrophils are associated with critical illness in COVID-19. Scientific Reports, 2021, 11, 22463.	1.6	18
15	Neurological Pupil Index and Pupillary Light Reflex by Pupillometry Predict Outcome Early After Cardiac Arrest. Neurocritical Care, 2020, 32, 152-161.	1.2	69
16	An Analysis of Psychoactive Medications Initiated in the ICU but Continued Beyond Discharge: A Pilot Study of Stewardship. Journal of Pharmacy Practice, 2020, 33, 760-767.	0.5	8
17	Functional outcomes associated with varying levels of targeted temperature management after out-of-hospital cardiac arrest â€" An INTCAR2 registry analysis. Resuscitation, 2020, 146, 229-236.	1.3	13
18	Tele-Critical Care: An Update From the Society of Critical Care Medicine Tele-ICU Committee*. Critical Care Medicine, 2020, 48, 553-561.	0.4	67

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19	Deliriumâ€"Beyond the CAM-ICU*. Critical Care Medicine, 2020, 48, 134-136.	0.4	5
20	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. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 67.	1.1	9
21	Response to The challenges of diagnosing heparinâ€induced thrombocytopenia in patients with COVIDâ€19. Research and Practice in Thrombosis and Haemostasis, 2020, 4, 1068-1069.	1.0	0
22	Amantadine and Modafinil as Neurostimulants During Post-stroke Care: A Systematic Review. Neurocritical Care, 2020, 33, 283-297.	1.2	23
23	Heparinâ€induced thrombocytopenia with thrombosis in COVIDâ€19 adult respiratory distress syndrome. Research and Practice in Thrombosis and Haemostasis, 2020, 4, 936-941.	1.0	57
24	Early cerebral edema after cardiac arrest and its ramifications. Resuscitation, 2020, 154, 112-114.	1.3	3
25	Validation of the suppression ratio from a simplified EEG montage during targeted temperature management after cardiac arrest. Resuscitation, 2020, 153, 1-5.	1.3	3
26	Number of Circulating CD73â€Expressing Lymphocytes Correlates With Survival After Cardiac Arrest. Journal of the American Heart Association, 2019, 8, e010874.	1.6	11
27	Do we need continuous electroencephalography after cardiac arrest?. Resuscitation, 2019, 136, 136-137.	1.3	0
28	Early withdrawal of life support after resuscitation from cardiac arrest is common and may result in additional deaths. Resuscitation, 2019, 139, 308-313.	1.3	77
29	Variability in functional outcome and treatment practices by treatment center after out-of-hospital cardiac arrest: analysis of International Cardiac Arrest Registry. Intensive Care Medicine, 2019, 45, 637-646.	3.9	33
30	Hemodynamic, Biochemical, and Ventilatory Parameters are Independently Associated with Outcome after Cardiac Arrest. Neurocritical Care, 2018, 29, 69-76.	1.2	5
31	51: EFFECT OF SEDATION AND NEUROMUSCULAR BLOCKADE REGIMENS ON OUTCOMES AFTER CARDIAC ARREST. Critical Care Medicine, 2018, 46, 26-26.	0.4	1
32	Derivation and Validation of the CREST Model for Very Early Prediction of Circulatory Etiology Death in Patients Without ST-Segmentâ€"Elevation Myocardial Infarction After Cardiac Arrest. Circulation, 2018, 137, 273-282.	1.6	43
33	In the Middle of Difficulty Lies Opportunity.â€"Albert Einstein*. Critical Care Medicine, 2018, 46, 1881-1882.	0.4	6
34	Variation in Sedation and Neuromuscular Blockade Regimens on Outcome After Cardiac Arrest*. Critical Care Medicine, 2018, 46, e975-e980.	0.4	34
35	Accuracy of Pointâ€ofâ€Care Blood Glucose Level Measurements in Critically Ill Patients with Sepsis Receiving Highâ€Dose Intravenous Vitamin C. Pharmacotherapy, 2018, 38, 1155-1161.	1.2	11
36	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. Anesthesia and Analgesia, 2018, 127, 1146-1154.	1.1	16

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37	Approaches to community consultation in exception from informed consent: Analysis of scope, efficiency, and cost at two centers. Resuscitation, 2018, 130, 81-87.	1.3	12
38	Valproate free serum concentrations: More complex than simple formulas. Seizure: the Journal of the British Epilepsy Association, 2018, 60, 155-156.	0.9	1
39	Understanding post-cardiac arrest myoclonus. Resuscitation, 2018, 131, A3-A4.	1.3	1
40	Continuous surface EMG power reflects the metabolic cost of shivering during targeted temperature management after cardiac arrest. Resuscitation, 2018, 131, 8-13.	1.3	8
41	Response. Chest, 2018, 154, 465.	0.4	1
42	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. Critical Care Medicine, 2018, 46, 1532-1548.	0.4	197
43	Clinical Practice Guidelines for the Prevention and Management of Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption in Adult Patients in the ICU. Critical Care Medicine, 2018, 46, e825-e873.	0.4	2,074
44	Valproate Protein Binding Is Highly Variable in ICU Patients and Not Predicted by Total Serum Concentrations: A Case Series and Literature Review. Pharmacotherapy, 2017, 37, 500-508.	1.2	30
45	ICU Clinicians Underestimate Breathing Discomfort in Ventilated Subjects. Respiratory Care, 2017, 62, 150-155.	0.8	34
46	Repurposing Valproate, Enteral Clonidine, and Phenobarbital for Comfort in Adult <scp>ICU</scp> Patients: A Literature Review with Practical Considerations. Pharmacotherapy, 2017, 37, 1309-1321.	1.2	31
47	Caution Warranted Regarding Transfusion for Subarachnoid Hemorrhage. Critical Care Medicine, 2017, 45, e986-e987.	0.4	3
48	Five-Year Trends of Critical Care Practice and Outcomes. Chest, 2017, 152, 723-735.	0.4	77
49	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. Anesthesia and Analgesia, 2017, 124, 821-830.	1.1	32
50	Valproate for agitation in critically ill patients: A retrospective study. Journal of Critical Care, 2017, 37, 119-125.	1.0	52
51	Outcomes in Cardiac Arrest Vary by Center After Correction for Case Mix and Severity of Illness. Chest, 2017, 152, A72.	0.4	3
52	Postresuscitation Experience of Obese and Underweight Patients After Cardiac Arrest. Chest, 2017, 152, A373.	0.4	0
53	Cefepime-induced neurotoxicity: a systematic review. Critical Care, 2017, 21, 276.	2.5	216
54	Heart Rate and the Post Cardiac Arrest Syndrome. Critical Care Medicine, 2016, 44, 448-449.	0.4	3

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55	Free serum valproate concentration more reliable than total concentration in critically ill patients. Resuscitation, 2016, 105, e15-e16.	1.3	9
56	Sedation quality in intensive care: which interventions work?. Lancet Respiratory Medicine,the, 2016, 4, 767-768.	5.2	1
57	Inadequacy of Headache Management After Subarachnoid Hemorrhage. American Journal of Critical Care, 2016, 25, 136-143.	0.8	46
58	The authors reply. Critical Care Medicine, 2015, 43, e397-e398.	0.4	0
59	Association of gender to outcome after out-of-hospital cardiac arrest â€“ a report from the International Cardiac Arrest Registry. Critical Care, 2015, 19, 182.	2.5	87
60	Neurologic Outcomes and Postresuscitation Care of Patients With Myoclonus Following Cardiac Arrest*. Critical Care Medicine, 2015, 43, 965-972.	0.4	120
61	SLEAP. Critical Care Medicine, 2015, 43, 703-705.	0.4	0
62	Moderate-Dose Sedation and Analgesia During Targeted Temperature Management After Cardiac Arrest. Neurocritical Care, 2015, 22, 105-111.	1.2	25
63	Prophylactic antibiotics are associated with a lower incidence of pneumonia in cardiac arrest survivors treated with targeted temperature management. Resuscitation, 2015, 92, 154-159.	1.3	53
64	Transition from Dexmedetomidine to Enteral Clonidine for ICU Sedation: An Observational Pilot Study. Pharmacotherapy, 2015, 35, 251-259.	1.2	60
65	Analgesia, sedation, and neuromuscular blockade during targeted temperature management after cardiac arrest. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2015, 29, 435-450.	1.7	22
66	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: Evidentiary Tables. Neurocritical Care, 2014, 21, 297-361.	1.2	80
67	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: A List of Recommendations and Additional Conclusions. Neurocritical Care, 2014, 21, 282-296.	1.2	71
68	Randomized ICU Trials Do Not Demonstrate an Association Between Interventions That Reduce Delirium Duration and Short-Term Mortality. Critical Care Medicine, 2014, 42, 1442-1454.	0.4	81
69	Clinical Monitoring Scales in Acute Brain Injury: Assessment of Coma, Pain, Agitation, and Delirium. Neurocritical Care, 2014, 21, 27-37.	1.2	87
70	Consensus Summary Statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. Neurocritical Care, 2014, 21, 1-26.	1.2	339
71	Consensus summary statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. Intensive Care Medicine, 2014, 40, 1189-1209.	3.9	258
72	Feasibility of bispectral index monitoring to guide early post-resuscitation cardiac arrest triage. Resuscitation, 2014, 85, 1030-1036.	1.3	25

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73	The accurate recognition of delirium in the ICU: the emperorâ€™s new clothes?. Intensive Care Medicine, 2013, 39, 2196-2199.	3.9	33
74	Intensive care sedation: the past, present and the future. Critical Care, 2013, 17, 322.	2.5	56
75	The New Practice Guidelines for Pain, Agitation, and Delirium. American Journal of Critical Care, 2013, 22, 153-157.	0.8	10
76	Initial bispectral index may identify patients who will awaken during therapeutic hypothermia after cardiac arrest: A retrospective pilot study. Resuscitation, 2013, 84, 794-797.	1.3	24
77	Psychometric Analysis of Subjective Sedation Scales in Critically Ill Adults. Critical Care Medicine, 2013, 41, S16-S29.	0.4	50
78	Dissecting Sedation-Induced Delirium*. Critical Care Medicine, 2013, 41, 1144-1146.	0.4	5
79	Evaluating and Monitoring Sedation, Arousal, and Agitation in the ICU. Seminars in Respiratory and Critical Care Medicine, 2013, 34, 169-178.	0.8	15
80	Clinical Practice Guidelines for the Management of Pain, Agitation, and Delirium in Adult Patients in the Intensive Care Unit. Critical Care Medicine, 2013, 41, 263-306.	0.4	3,066
81	Single-Dose Etomidate Is Not Associated With Increased Mortality in ICU Patients With Sepsis. Critical Care Medicine, 2013, 41, 774-783.	0.4	67
82	Clinical practice guidelines for the management of pain, agitation, and delirium in adult patients in the intensive care unit: Executive summary. American Journal of Health-System Pharmacy, 2013, 70, 53-58.	0.5	150
83	Sedation, nighttime, icebergs, and the Titanic*. Critical Care Medicine, 2012, 40, 2905-2906.	0.4	1
84	Emergency Neurological Life Support: Airway, Ventilation, and Sedation. Neurocritical Care, 2012, 17, 4-20.	1.2	52
85	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. Critical Care, 2011, 15, R215.	2.5	53
86	Altering Intensive Care Sedation Paradigms to Improve Patient Outcomes. Anesthesiology Clinics, 2011, 29, 663-674.	0.6	25
87	Adverse events and their relation to mortality in out-of-hospital cardiac arrest patients treated with therapeutic hypothermia*. Critical Care Medicine, 2011, 39, 57-64.	0.4	681
88	Benchmark Data From More Than 240,000 Adults That Reflect the Current Practice of Critical Care in the United States. Chest, 2011, 140, 1232-1242.	0.4	126
89	Bispectral index and suppression ratio during hypothermia after cardiac arrest: reply to Aibiki. Intensive Care Medicine, 2011, 37, 1400-1401.	3.9	0
90	Surface Cooling after Cardiac Arrest: Effectiveness, Skin Safety, and Adverse Events in Routine Clinical Practice. Neurocritical Care, 2011, 14, 382-388.	1.2	44

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91	Association of the Bedside Shivering Assessment Scale and derived EMG power during therapeutic hypothermia in survivors of cardiac arrest. Resuscitation, 2011, 82, 1100-1103.	1.3	17
92	Delirium duration and mortality in lightly sedated, mechanically ventilated intensive care patients*. Critical Care Medicine, 2010, 38, 2311-2318.	0.4	414
93	A cost-minimization analysis of dexmedetomidine compared with midazolam for long-term sedation in the intensive care unit*. Critical Care Medicine, 2010, 38, 497-503.	0.4	119
94	Adverse drug events associated with the use of analgesics, sedatives, and antipsychotics in the intensive care unit. Critical Care Medicine, 2010, 38, S231-S243.	0.4	92
95	Efficacy and safety of quetiapine in critically ill patients with delirium: A prospective, multicenter, randomized, double-blind, placebo-controlled pilot study*. Critical Care Medicine, 2010, 38, 419-427.	0.4	513
96	The bispectral index and suppression ratio are very early predictors of neurological outcome during therapeutic hypothermia after cardiac arrest. Intensive Care Medicine, 2010, 36, 281-288.	3.9	99
97	The eICU Research Institute - A Collaboration Between Industry, Health-Care Providers, and Academia. IEEE Engineering in Medicine and Biology Magazine, 2010, 29, 18-25.	1.1	53
98	Dexmedetomidine vs Midazolam for Sedation of Critically Ill Patients<subtitle>A Randomized Trial</subtitle>. JAMA - Journal of the American Medical Association, 2009, 301, 489.	3.8	1,409
99	Altering Intensive Care Sedation Paradigms to Improve Patient Outcomes. Critical Care Clinics, 2009, 25, 527-538.	1.0	65
100	Determination of a Lorazepam Dose Threshold for Using the Osmol Gap to Monitor for Propylene Glycol Toxicity. Pharmacotherapy, 2008, 28, 984-991.	1.2	56
101	Combined didactic and scenario-based education improves the ability of intensive care unit staff to recognize delirium at the bedside. Critical Care, 2008, 12, R19.	2.5	126
102	Individual delirium symptoms: Do they matter?*. Critical Care Medicine, 2007, 35, 2533-2537.	0.4	64
103	Comfort without coma: Changing sedation practices*. Critical Care Medicine, 2007, 35, 635-637.	0.4	25
104	Delirium assessment in the critically ill. Intensive Care Medicine, 2007, 33, 929-940.	3.9	204
105	Subsyndromal delirium in the ICU: evidence for aÂdisease spectrum. Intensive Care Medicine, 2007, 33, 1007-1013.	3.9	307
106	Phenobarbital Provides Effective Sedation for a Select Cohort of Adult ICU Patients Intolerant of Standard Treatment: A Brief Report. Hospital Pharmacy, 2006, 41, 17-23.	0.4	10
107	ICU DELIRIUM ASSESSMENT TOOLS OFTEN DISAGREE.. Critical Care Medicine, 2006, 34, A7.	0.4	3
108	Bispectral Index Monitoring in the Intensive Care Unit Provides More Signal Than Noise. Pharmacotherapy, 2005, 25, 19S-27S.	1.2	52

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109	Adverse Events Associated with Sedatives, Analgesics, and Other Drugs That Provide Patient Comfort in the Intensive Care Unit. Pharmacotherapy, 2005, 25, 8S-18S.	1.2	124
110	The Uncertain Risk of Single-Dose Etomidate in the Critically Ill. Hospital Pharmacy, 2005, 40, 658-661.	0.4	8
111	Corticosteroids in the Critically Ill. Hospital Pharmacy, 2004, 39, 116-118.	0.4	1
112	Ventilation of patients with acute lung injury and acute respiratory distress syndrome: Has new evidence changed clinical practice?*. Critical Care Medicine, 2004, 32, 1260-1265.	0.4	691
113	Comparing the Bispectral Index and Suppression Ratio with Burst Suppression of the Electroencephalogram During Pentobarbital Infusions in Adult Intensive Care Patients. Pharmacotherapy, 2003, 23, 1087-1093.	1.2	60
114	Clinical practice guidelines for the sustained use of sedatives and analgesics in the critically ill adult. Critical Care Medicine, 2002, 30, 119-141.	0.4	1,945
115	Advances and Controversies in Adult ICU Sedation, Part 3: Evolving Pharmacological Treatment Issues. Hospital Pharmacy, 2002, 37, 362-368.	0.4	1
116	Removal of propylene glycol and correction of increased osmolar gap by hemodialysis in a patient on high dose lorazepam infusion therapy. Intensive Care Medicine, 2002, 28, 81-84.	3.9	66
117	Validating the Sedation-Agitation Scale with the Bispectral Index and Visual Analog Scale in adult ICU patients after cardiac surgery. Intensive Care Medicine, 2001, 27, 853-858.	3.9	262
118	Adrenocortical Dysfunction Following Etomidate Induction in Emergency Department Patients. Academic Emergency Medicine, 2001, 8, 1-7.	0.8	185
119	The Frequency and Cost of Patient-Initiated Device Removal in the ICU. Pharmacotherapy, 2001, 21, 1-6.	1.2	67
120	Confirming the Reliability of the Sedation-Agitation Scale Administered by ICU Nurses without Experience in Its Use. Pharmacotherapy, 2001, 21, 431-436.	1.2	62
121	Frequency, Severity, and Treatment of Agitation in Young versus Elderly Patients in the ICU. Pharmacotherapy, 2000, 20, 75-82.	1.2	125
122	Prospective evaluation of the Sedation-Agitation Scale for adult critically ill patients. Critical Care Medicine, 1999, 27, 1325-1329.	0.4	887
123	Assessing sedation during intensive care unit mechanical ventilation with the Bispectral Index and the Sedation-Agitation Scale. Critical Care Medicine, 1999, 27, 1499-1504.	0.4	606
124	Visual compatibility of haloperidol lactate with injectable solutions. American Journal of Health-System Pharmacy, 1994, 51, 905-906.	0.5	4
125	Continuous infusion of haloperidol controls agitation in critically ill patients. Critical Care Medicine, 1994, 22, 433-440.	0.4	276