

Geert Meyfroidt

List of Publications by Year in descending order

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Version: 2024-02-01

152
papers

10,142
citations

87401

40
h-index

42259

96
g-index

161
all docs

161
docs citations

161
times ranked

8347
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and validation of clinical prediction models for acute kidney injury recovery at hospital discharge in critically ill adults. <i>Journal of Clinical Monitoring and Computing</i> , 2023, 37, 113-125.	0.7	1
2	Early high antibody titre convalescent plasma for hospitalised COVID-19 patients: DAWn-plasma. <i>European Respiratory Journal</i> , 2022, 59, 2101724.	3.1	38
3	Modeling Brain-Heart Crosstalk Information in Patients with Traumatic Brain Injury. <i>Neurocritical Care</i> , 2022, 36, 738-750.	1.2	7
4	Association of Convalescent Plasma Treatment With Clinical Status in Patients Hospitalized With COVID-19. <i>JAMA Network Open</i> , 2022, 5, e2147331.	2.8	38
5	Differential Hemodynamic Response of Pial Arterioles Contributes to a Quadriphasic Cerebral Autoregulation Physiology. <i>Journal of the American Heart Association</i> , 2022, 11, e022943.	1.6	10
6	Development and Validation of a Treatment Benefit Index to Identify Hospitalized Patients With COVID-19 Who May Benefit From Convalescent Plasma. <i>JAMA Network Open</i> , 2022, 5, e2147375.	2.8	30
7	Individualized cerebral perfusion pressure in acute neurological injury. <i>Current Opinion in Critical Care</i> , 2022, Publish Ahead of Print, .	1.6	3
8	External validation of the AKIpredictor in critically ill adults. <i>Intensive Care Medicine</i> , 2022, , .	3.9	0
9	Terminal Complement Pathway Deficiency in an Adult Patient with Meningococcal Sepsis. <i>Case Reports in Immunology</i> , 2022, 2022, 1-6.	0.2	2
10	Management of moderate to severe traumatic brain injury: an update for the intensivist. <i>Intensive Care Medicine</i> , 2022, 48, 649-666.	3.9	57
11	Intracranial pressure: current perspectives on physiology and monitoring. <i>Intensive Care Medicine</i> , 2022, 48, 1471-1481.	3.9	54
12	Evaluation of the relationship between slow-waves of intracranial pressure, mean arterial pressure and brain tissue oxygen in TBI: a CENTER-TBI exploratory analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 711-722.	0.7	14
13	Effects of Norepinephrine, Propofol, and Hemoglobin Concentration on Dynamic Measurements of Cerebrovascular Reactivity in Acute Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 506-512.	1.7	16
14	Visualising the pressure-time burden of elevated intracranial pressure after severe traumatic brain injury: a retrospective confirmatory study. <i>British Journal of Anaesthesia</i> , 2021, 126, e15-e17.	1.5	14
15	Prediction model for intracranial hypertension demonstrates robust performance during external validation on the CENTER-TBI dataset. <i>Intensive Care Medicine</i> , 2021, 47, 124-126.	3.9	10
16	Propofol-infusion syndrome in traumatic brain injury: consider the ECMO option. <i>Intensive Care Medicine</i> , 2021, 47, 127-129.	3.9	5
17	Successful double-lung transplantation from a donor previously infected with SARS-CoV-2. <i>Lancet Respiratory Medicine</i> , 2021, 9, 315-318.	5.2	41
18	Convalescent plasma treatment of persistent severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection in patients with lymphoma with impaired humoral immunity and lack of neutralising antibodies. <i>British Journal of Haematology</i> , 2021, 192, 1100-1105.	1.2	51

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19	The Effect of Temperature Increases on Brain Tissue Oxygen Tension in Patients with Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury Substudy. Therapeutic Hypothermia and Temperature Management, 2021, 11, 122-131.	0.3	3
20	Acute Kidney Injury in Traumatic Brain Injury Patients: Results From the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury Study. Critical Care Medicine, 2021, 49, 112-126.	0.4	27
21	The role of organizational characteristics on the outcome of COVID-19 patients admitted to the ICU in Belgium. Lancet Regional Health - Europe, The, 2021, 2, 100019.	3.0	53
22	Cerebrovascular Autoregulation Monitoring in the Management of Adult Severe Traumatic Brain Injury: A Delphi Consensus of Clinicians. Neurocritical Care, 2021, 34, 731-738.	1.2	59
23	An Update on the COGiTATE Phase II Study: Feasibility and Safety of Targeting an Optimal Cerebral Perfusion Pressure as a Patient-Tailored Therapy in Severe Traumatic Brain Injury. Acta Neurochirurgica Supplementum, 2021, 131, 143-147.	0.5	12
24	Postoperative Cerebral Oxygen Saturation in Children After Congenital Cardiac Surgery and Long-Term Total Intelligence Quotient: A Prospective Observational Study. Critical Care Medicine, 2021, 49, 967-976.	0.4	5
25	How the COVID-19 pandemic will change the future of critical care. Intensive Care Medicine, 2021, 47, 282-291.	3.9	132
26	Organ donation after controlled cardiocirculatory death: confidence by clarity. Intensive Care Medicine, 2021, 47, 325-327.	3.9	8
27	Organizational characteristics: Effect on outcome of ICU COVID-19 patients in Belgium – Authors' reply. Lancet Regional Health - Europe, The, 2021, 3, 100070.	3.0	4
28	The authors reply. Critical Care Medicine, 2021, 49, e554-e555.	0.4	0
29	Association of Dose of Intracranial Hypertension with Outcome in Subarachnoid Hemorrhage. Neurocritical Care, 2021, 34, 722-730.	1.2	21
30	Itraconazole for COVID-19: preclinical studies and a proof-of-concept randomized clinical trial. EBioMedicine, 2021, 66, 103288.	2.7	21
31	COVID-19 and the intensive care unit: vaccines to the rescue. Intensive Care Medicine, 2021, 47, 786-789.	3.9	8
32	Secondary sclerosing cholangitis: an emerging complication in critically ill COVID-19 patients. Intensive Care Medicine, 2021, 47, 1037-1040.	3.9	35
33	Brain Temperature Influences Intracranial Pressure and Cerebral Perfusion Pressure After Traumatic Brain Injury: A CENTER-TBI Study. Neurocritical Care, 2021, 35, 651-661.	1.2	15
34	Intracranial pressure monitoring in patients with acute brain injury in the intensive care unit (SYNAPSE-ICU): an international, prospective observational cohort study. Lancet Neurology, The, 2021, 20, 548-558.	4.9	105
35	Targeting Autoregulation-Guided Cerebral Perfusion Pressure after Traumatic Brain Injury (COGiTATE): A Feasibility Randomized Controlled Clinical Trial. Journal of Neurotrauma, 2021, 38, 2790-2800.	1.7	88
36	Association between convalescent plasma treatment and mortality in COVID-19: a collaborative systematic review and meta-analysis of randomized clinical trials. BMC Infectious Diseases, 2021, 21, 1170.	1.3	46

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37	Fake news on euthanasia and organ donation. <i>Intensive Care Medicine</i> , 2020, 46, 564-565.	3.9	1
38	Evidence for Mannitol as an Effective Agent Against Intracranial Hypertension: An Individual Patient Data Meta-analysis. <i>Neurocritical Care</i> , 2020, 32, 252-261.	1.2	14
39	Association between Cerebrovascular Reactivity Monitoring and Mortality Is Preserved When Adjusting for Baseline Admission Characteristics in Adult Traumatic Brain Injury: A CENTER-TBI Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1233-1241.	1.7	50
40	Data-driven ICU management: Using Big Data and algorithms to improve outcomes. <i>Journal of Critical Care</i> , 2020, 60, 300-304.	1.0	22
41	Intensive care unit acquired muscle weakness in COVID-19 patients. <i>Intensive Care Medicine</i> , 2020, 46, 2083-2085.	3.9	93
42	Time between Symptom Onset, Hospitalisation and Recovery or Death: Statistical Analysis of Belgian COVID-19 Patients. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7560.	1.2	189
43	Community-acquired bacterial meningitis in adults: emergency department management protocol. <i>Acta Neurologica Belgica</i> , 2020, 120, 1033-1043.	0.5	0
44	Returning to Elective Orthopedic Surgery During the COVID-19 Pandemic: A Multidisciplinary and Pragmatic Strategy for Initial Patient Selection. <i>Journal of Patient Safety</i> , 2020, 16, e292-e298.	0.7	6
45	Hyperosmolar Agents for TBI: All Are Equal, But Some Are More Equal Than Others?. <i>Neurocritical Care</i> , 2020, 33, 613-614.	1.2	3
46	Ensuring editorial continuity and quality of science during the COVID-19 storm: the ICM experience. <i>Intensive Care Medicine</i> , 2020, 46, 1918-1920.	3.9	2
47	A multicenter randomized trial to assess the efficacy of CONvalescent plasma therapy in patients with Invasive COVID-19 and acute respiratory failure treated with mechanical ventilation: the CONFIDENT trial protocol. <i>BMC Pulmonary Medicine</i> , 2020, 20, 317.	0.8	12
48	A randomized, multicentre, open-label phase II proof-of-concept trial investigating the clinical efficacy and safety of the addition of convalescent plasma to the standard of care in patients hospitalized with COVID-19: the Donated Antibodies Working against nCoV (DAWn-Plasma) trial. <i>Trials</i> , 2020, 21, 981.	0.7	17
49	Managing ICU surge during the COVID-19 crisis: rapid guidelines. <i>Intensive Care Medicine</i> , 2020, 46, 1303-1325.	3.9	281
50	Can augmented renal clearance be detected using estimators of glomerular filtration rate?. <i>Critical Care</i> , 2020, 24, 359.	2.5	17
51	Focus on neuro-critical care: combined interventions to improve relevant outcomes. <i>Intensive Care Medicine</i> , 2020, 46, 1027-1029.	3.9	5
52	Diffuse Intracranial Injury Patterns Are Associated with Impaired Cerebrovascular Reactivity in Adult Traumatic Brain Injury: A CENTER-TBI Validation Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1597-1608.	1.7	17
53	Statistical Cerebrovascular Reactivity Signal Properties after Secondary Decompressive Craniectomy in Traumatic Brain Injury: A CENTER-TBI Pilot Analysis. <i>Journal of Neurotrauma</i> , 2020, 37, 1306-1314.	1.7	23
54	A management algorithm for adult patients with both brain oxygen and intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). <i>Intensive Care Medicine</i> , 2020, 46, 919-929.	3.9	207

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55	Critical care management of infectious meningitis and encephalitis. <i>Intensive Care Medicine</i> , 2020, 46, 192-201.	3.9	15
56	Intraoperative xenon for prevention of delirium after on-pump cardiac surgery: a randomised, observer-blind, controlled clinical trial. <i>British Journal of Anaesthesia</i> , 2020, 124, 454-462.	1.5	19
57	Brain Tissue Oxygen and Cerebrovascular Reactivity in Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury Exploratory Analysis of Insult Burden. <i>Journal of Neurotrauma</i> , 2020, 37, 1854-1863.	1.7	29
58	Psychometric properties of the intensive care delirium screening checklist when used by bedside nurses in clinical practice: a prospective descriptive study. <i>BMC Nursing</i> , 2020, 19, 21.	0.9	8
59	Artificial intelligence to guide management of acute kidney injury in the ICU: a narrative review. <i>Current Opinion in Critical Care</i> , 2020, 26, 563-573.	1.6	10
60	Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study. <i>PLoS ONE</i> , 2020, 15, e0243427.	1.1	58
61	Clinical prediction models for acute kidney injury in the intensive care unit: a systematic review. <i>Revista Brasileira De Terapia Intensiva</i> , 2020, 32, 123-132.	0.1	6
62	Development and External Validation of an Online Clinical Prediction Model for Augmented Renal Clearance in Adult Mixed Critically Ill Patients: The Augmented Renal Clearance Predictor. <i>Critical Care Medicine</i> , 2020, 48, e1260-e1268.	0.4	14
63	Title is missing!. , 2020, 15, e0243427.		0
64	Title is missing!. , 2020, 15, e0243427.		0
65	Title is missing!. , 2020, 15, e0243427.		0
66	Title is missing!. , 2020, 15, e0243427.		0
67	Machine learning versus physiciansâ€™ prediction of acute kidney injury in critically ill adults: a prospective evaluation of the AKIpredictor. <i>Critical Care</i> , 2019, 23, 282.	2.5	61
68	Focus on delirium, sedation and neuro critical care 2019: towards a more brain-friendly environment?. <i>Intensive Care Medicine</i> , 2019, 45, 1292-1294.	3.9	12
69	A management algorithm for patients with intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). <i>Intensive Care Medicine</i> , 2019, 45, 1783-1794.	3.9	292
70	Autoregulation assessment by direct visualisation of pial arterial blood flow in the piglet brain. <i>Scientific Reports</i> , 2019, 9, 13333.	1.6	15
71	Predictive value of JC virus PCR in cerebrospinal fluid in the diagnosis of PML. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 95, 114859.	0.8	18
72	How I monitor cerebral autoregulation. <i>Critical Care</i> , 2019, 23, 160.	2.5	28

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73	International prospective observational study on intracranial pressure in intensive care (ICU): the SYNAPSE-ICU study protocol. <i>BMJ Open</i> , 2019, 9, e026552.	0.8	13
74	Management of the brain-dead donor in the ICU: general and specific therapy to improve transplantable organ quality. <i>Intensive Care Medicine</i> , 2019, 45, 343-353.	3.9	66
75	Feasibility of individualised severe traumatic brain injury management using an automated assessment of optimal cerebral perfusion pressure: the COGITATE phase II study protocol. <i>BMJ Open</i> , 2019, 9, e030727.	0.8	94
76	Near-Infraredâ€‘Based Cerebral Oximetry for Prediction of Severe Acute Kidney Injury in Critically Ill Children After Cardiac Surgery. , 2019, 1, e0063.		5
77	Sedatives in neurocritical care. <i>Current Opinion in Critical Care</i> , 2019, 25, 97-104.	1.6	18
78	Comparison of Performance of Different Optimal Cerebral Perfusion Pressure Parameters for Outcome Prediction in Adult Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) Study. <i>Journal of Neurotrauma</i> , 2019, 36, 1505-1517.	1.7	50
79	What Do We Mean by Cerebral Perfusion Pressure?. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 201-203.	0.5	8
80	Fluid therapy in neurointensive care patients: ESICM consensus and clinical practice recommendations. <i>Intensive Care Medicine</i> , 2018, 44, 449-463.	3.9	113
81	Informed or Misinformed Consent?*. <i>Critical Care Medicine</i> , 2018, 46, 341-342.	0.4	1
82	Whatâ€™s new in ICU in 2050: big data and machine learning. <i>Intensive Care Medicine</i> , 2018, 44, 1524-1527.	3.9	44
83	Ten false beliefs in neurocritical care. <i>Intensive Care Medicine</i> , 2018, 44, 2222-2224.	3.9	0
84	Near-Infrared Cerebral Oximetry to Predict Outcome After Pediatric Cardiac Surgery: A Prospective Observational Study*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 433-441.	0.2	21
85	Focus on the brain and systemic organ systems: when essential interactions become toxic relationships. <i>Intensive Care Medicine</i> , 2018, 44, 2263-2266.	3.9	3
86	Intracranial pressure thresholds in severe traumatic brain injury: Con. <i>Intensive Care Medicine</i> , 2018, 44, 1318-1320.	3.9	23
87	Cerebral microbleeds and intracerebral hemorrhage associated with veno-venous extracorporeal membrane oxygenation. <i>Acta Neurologica Belgica</i> , 2018, 118, 513-515.	0.5	6
88	Cerebral Perfusion Pressure Variability Between Patients and Between Centres. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 3-6.	0.5	1
89	Visualizing Cerebrovascular Autoregulation Insults and Their Association with Outcome in Adult and Paediatric Traumatic Brain Injury. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 291-295.	0.5	14
90	KidsBrainIT: A New Multi-centre, Multi-disciplinary, Multi-national Paediatric Brain Monitoring Collaboration. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 39-45.	0.5	5

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91	Heart rate time series characteristics for early detection of infections in critically ill patients. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 407-415.	0.7	4
92	AKIpredictor, an online prognostic calculator for acute kidney injury in adult critically ill patients: development, validation and comparison to serum neutrophil gelatinase-associated lipocalin. <i>Intensive Care Medicine</i> , 2017, 43, 764-773.	3.9	122
93	Neuroprognostication after adult cardiac arrest treated with targeted temperature management: task force for Belgian recommendations. <i>Acta Neurologica Belgica</i> , 2017, 117, 3-15.	0.5	33
94	Central nervous system infections in immunocompromised patients. <i>Current Opinion in Critical Care</i> , 2017, 23, 128-133.	1.6	56
95	Early Detection of Increased Intracranial Pressure Episodes in Traumatic Brain Injury: External Validation in an Adult and in a Pediatric Cohort. <i>Critical Care Medicine</i> , 2017, 45, e316-e320.	0.4	27
96	Letter: Guidelines for the Management of Severe Traumatic Brain Injury, Fourth Edition. <i>Neurosurgery</i> , 2017, 81, E1-E1.	0.6	11
97	Critical illness: the brain is always in the line of fire. <i>Intensive Care Medicine</i> , 2017, 43, 870-873.	3.9	26
98	Cerebral Perfusion Pressure Insights and Associations with Outcome in Adult Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2425-2431.	1.7	46
99	Paroxysmal sympathetic hyperactivity: the storm after acute brain injury. <i>Lancet Neurology</i> , The, 2017, 16, 721-729.	4.9	200
100	What is an intensive care unit? A report of the task force of the World Federation of Societies of Intensive and Critical Care Medicine. <i>Journal of Critical Care</i> , 2017, 37, 270-276.	1.0	370
101	Informatics in neurocritical care. <i>Current Opinion in Critical Care</i> , 2016, 22, 1.	1.6	13
102	Can Optimal Cerebral Perfusion Pressure in Patients with Severe Traumatic Brain Injury Be Calculated Based on Minute-by-Minute Data Monitoring?. <i>Acta Neurochirurgica Supplementum</i> , 2016, 122, 245-248.	0.5	15
103	Understanding coma in bacterial meningitis. <i>Intensive Care Medicine</i> , 2016, 42, 1282-1285.	3.9	5
104	Continuous Optimal CPP Based on Minute-by-Minute Monitoring Data: A Study of a Pediatric Population. <i>Acta Neurochirurgica Supplementum</i> , 2016, 122, 187-191.	0.5	8
105	Another failed attempt of neuroprotection: progesterone for moderate and severe traumatic brain injury. <i>Minerva Anestesiologica</i> , 2016, 82, 486-91.	0.6	4
106	Targeted temperature management and neuroprognostication after cardiac arrest: A survey in Belgium. <i>Resuscitation</i> , 2015, 96, e1-e2.	1.3	6
107	Early detection of acute kidney injury during the first week of the ICU. <i>Critical Care</i> , 2015, 19, .	2.5	0
108	Xenon for the prevention of postoperative delirium in cardiac surgery: study protocol for a randomized controlled clinical trial. <i>Trials</i> , 2015, 16, 449.	0.7	14

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109	ICP and CPP management before and after 2007: impact on the association between dose of ICP and outcome. <i>Intensive Care Medicine Experimental</i> , 2015, 3, .	0.9	1
110	Visualizing the pressure and time burden of intracranial hypertension in adult and paediatric traumatic brain injury. <i>Intensive Care Medicine</i> , 2015, 41, 1067-1076.	3.9	203
111	Neuroprotection in acute brain injury: an up-to-date review. <i>Critical Care</i> , 2015, 19, 186.	2.5	120
112	Blood glucose amplitude variability in critically ill patients. <i>Minerva Anestesiologica</i> , 2015, 81, 1010-8.	0.6	5
113	Pressure autoregulation monitoring and cerebral perfusion pressure target recommendation in patients with severe traumatic brain injury based on minute-by-minute monitoring data. <i>Journal of Neurosurgery</i> , 2014, 120, 1451-1457.	0.9	132
114	Acute ischemic stroke in the ICU: to admit or not to admit?. <i>Intensive Care Medicine</i> , 2014, 40, 749-751.	3.9	20
115	Reduced nocturnal ACTH-driven cortisol secretion during critical illness. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E883-E892.	1.8	62
116	Feasibility of neuromuscular electrical stimulation in critically ill patients. <i>Journal of Critical Care</i> , 2014, 29, 1082-1088.	1.0	97
117	External validation of an early warning alert for elevated intracranial pressure in the Avert-IT database. <i>Critical Care</i> , 2014, 18, .	2.5	1
118	Predictive data mining on monitoring data from the intensive care unit. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 449-453.	0.7	8
119	Switching from intravenous to oral tacrolimus and voriconazole leads to a more pronounced drug-drug interaction. <i>European Journal of Clinical Pharmacology</i> , 2013, 69, 737-738.	0.8	28
120	Low-frequency autoregulation index for calculation of optimal cerebral perfusion pressure in severe traumatic brain injury. <i>Critical Care</i> , 2013, 17, .	2.5	1
121	Feasibility of neuromuscular electrical stimulation in critically ill patients. <i>Critical Care</i> , 2013, 17, .	2.5	2
122	Novel Methods to Predict Increased Intracranial Pressure During Intensive Care and Long-Term Neurologic Outcome After Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2013, 41, 554-564.	0.4	84
123	When Computers Do the Scoring, Humans Have to Define the Rules*. <i>Critical Care Medicine</i> , 2013, 41, 335-336.	0.4	0
124	The impact of premorbid diabetic status on the relationship between the three domains of glycemic control and mortality in critically ill patients. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 151-160.	1.3	84
125	The Impact of a Transjugular Intrahepatic Portosystemic Shunt on the Pharmacokinetics of Caspofungin in a Critically Ill Patient. <i>Pharmacology</i> , 2012, 90, 247-250.	0.9	11
126	Glucose Variability and Mortality in Patients Hospitalized With Acute Myocardial Infarction. Circulation: Cardiovascular Quality and Outcomes, 2012, 5, 550-557.	0.9	34

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127	Outcome prediction after moderate and severe traumatic brain injury. <i>Critical Care Medicine</i> , 2012, 40, 1685-1686.	0.4	2
128	Intracranial pressure monitoring in severe traumatic brain injury. <i>Critical Care Medicine</i> , 2012, 40, 1993-1994.	0.4	1
129	Data mining techniques for predicting acute kidney injury after elective cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	5
130	Augmented Renal Clearance in the Critically Ill: How to Assess Kidney Function. <i>Annals of Pharmacotherapy</i> , 2012, 46, 952-959.	0.9	74
131	Traumatic Brain Injury in the Elderly: A Significant Phenomenon. <i>Acta Neurochirurgica Supplementum</i> , 2012, 114, 289-294.	0.5	29
132	Glycemic Control in the ICU. <i>New England Journal of Medicine</i> , 2011, 364, 1280-1281.	13.9	7
133	Voriconazole plasma levels in children are highly variable. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2011, 30, 283-287.	1.3	25
134	Impact of a computer-generated alert system on the quality of tight glycemic control. <i>Intensive Care Medicine</i> , 2011, 37, 1151-1157.	3.9	25
135	Computerized prediction of intensive care unit discharge after cardiac surgery: development and validation of a Gaussian processes model. <i>BMC Medical Informatics and Decision Making</i> , 2011, 11, 64.	1.5	29
136	Early versus Late Parenteral Nutrition in Critically Ill Adults. <i>New England Journal of Medicine</i> , 2011, 365, 506-517.	13.9	2,410
137	Dynamic characteristics of blood glucose time series during the course of critical illness: Effects of intensive insulin therapy and relative association with mortality*. <i>Critical Care Medicine</i> , 2010, 38, 1021-1029.	0.4	185
138	Prediction of Clinical Conditions after Coronary Bypass Surgery using Dynamic Data Analysis. <i>Journal of Medical Systems</i> , 2010, 34, 229-239.	2.2	11
139	How to implement information technology in the operating room and the intensive care unit. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2009, 23, 1-14.	1.7	10
140	Machine learning techniques to examine large patient databases. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2009, 23, 127-143.	1.7	78
141	Preface. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2009, 23, vii-viii.	1.7	0
142	Intensive insulin therapy for patients in paediatric intensive care: a prospective, randomised controlled study. <i>Lancet, The</i> , 2009, 373, 547-556.	6.3	1,572
143	Is Preoperative Anxiety and Depression Associated with Onset of Delirium After Cardiac Surgery in Older Patients? A Prospective Cohort Study. <i>Journal of the American Geriatrics Society</i> , 2008, 56, 2278-2284.	1.3	86
144	Bidirectional ventricular tachycardia in fulminant myocarditis. <i>Europace</i> , 2008, 10, 767-768.	0.7	37

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145	Mining data from intensive care patients. <i>Advanced Engineering Informatics</i> , 2007, 21, 243-256.	4.0	70
146	Evaluation of drotrecogin alpha use in a Belgian university hospital. <i>International Journal of Clinical Pharmacy</i> , 2006, 28, 290-295.	1.4	9
147	The Use of Multivariate Autoregressive Modelling for Analyzing Dynamical Physiological Responses of Individual Critically Ill Patients. <i>Lecture Notes in Computer Science</i> , 2006, , 285-297.	1.0	0
148	Fatal Family Outbreak of <i>Bacillus cereus</i> -Associated Food Poisoning. <i>Journal of Clinical Microbiology</i> , 2005, 43, 4277-4279.	1.8	392
149	A prototype device for standardized calibration of pulse oximeters. <i>Journal of Clinical Monitoring and Computing</i> , 2000, 16, 161-169.	0.7	13
150	Itraconazole for COVID-19: Preclinical Studies and a Proof-of-Concept Pilot Clinical Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
151	Global and focal monitoring in traumatic brain injury: a never-ending story?. <i>Intensive Care Medicine</i> , 0, , .	3.9	0
152	Navigating the Ocean of Big Data in Neurocritical Care. <i>Neurocritical Care</i> , 0, , .	1.2	2