

Patrick Meybohm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3672583/publications.pdf>

Version: 2024-02-01

232
papers

9,413
citations

57758

44
h-index

49909

87
g-index

279
all docs

279
docs citations

279
times ranked

10116
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracorporeal membrane oxygenation support in COVID-19: an international cohort study of the Extracorporeal Life Support Organization registry. <i>Lancet</i> , The, 2020, 396, 1071-1078.	13.7	656
2	Cerebral effects of three resuscitation protocols in uncontrolled haemorrhagic shock: A randomised controlled experimental study. <i>Resuscitation</i> , 2009, 80, 567-572.	3.0	587
3	International consensus statement on the perioperative management of anaemia and iron deficiency. <i>Anaesthesia</i> , 2017, 72, 233-247.	3.8	571
4	A Multicenter Trial of Remote Ischemic Preconditioning for Heart Surgery. <i>New England Journal of Medicine</i> , 2015, 373, 1397-1407.	27.0	515
5	Patient Blood Management. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 983.	7.4	419
6	Effect of Sodium Selenite Administration and Procalcitonin-Guided Therapy on Mortality in Patients With Severe Sepsis or Septic Shock. <i>JAMA Internal Medicine</i> , 2016, 176, 1266.	5.1	217
7	Multimodal Patient Blood Management Program Based on a Three-pillar Strategy. <i>Annals of Surgery</i> , 2019, 269, 794-804.	4.2	201
8	Patient Blood Management Bundles to Facilitate Implementation. <i>Transfusion Medicine Reviews</i> , 2017, 31, 62-71.	2.0	181
9	Patient Blood Management is Associated With a Substantial Reduction of Red Blood Cell Utilization and Safe for Patient's Outcome. <i>Annals of Surgery</i> , 2016, 264, 203-211.	4.2	170
10	Association of Intravenous Tranexamic Acid With Thromboembolic Events and Mortality. <i>JAMA Surgery</i> , 2021, 156, e210884.	4.3	144
11	ROSC after cardiac arrest—the RACA score to predict outcome after out-of-hospital cardiac arrest. <i>European Heart Journal</i> , 2011, 32, 1649-1656.	2.2	142
12	A comparison of the Nexfin [®] and transcardiopulmonary thermodilution to estimate cardiac output during coronary artery surgery. <i>Anaesthesia</i> , 2012, 67, 377-383.	3.8	134
13	ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Peri-operative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. <i>European Heart Journal</i> , 2017, 38, 2392-2411.	2.2	118
14	Influence of increased intra-abdominal pressure on fluid responsiveness predicted by pulse pressure variation and stroke volume variation in a porcine model*. <i>Critical Care Medicine</i> , 2009, 37, 650-658.	0.9	107
15	Remote ischemic conditioning: from experimental observation to clinical application: report from the 8th Biennial Hatter Cardiovascular Institute Workshop. <i>Basic Research in Cardiology</i> , 2015, 110, 453.	5.9	103
16	Pulmonary Functional Imaging: Qualitative Comparison of Fourier Decomposition MR Imaging with SPECT/CT in Porcine Lung. <i>Radiology</i> , 2011, 260, 551-559.	7.3	101
17	Postresuscitation care with mild therapeutic hypothermia and coronary intervention after out-of-hospital cardiopulmonary resuscitation: a prospective registry analysis. <i>Critical Care</i> , 2011, 15, R61.	5.8	99
18	Role of nutrition support in adult cardiac surgery: a consensus statement from an International Multidisciplinary Expert Group on Nutrition in Cardiac Surgery. <i>Critical Care</i> , 2017, 21, 131.	5.8	95

#	ARTICLE	IF	CITATIONS
19	Part 9: Acute Coronary Syndromes. <i>Circulation</i> , 2010, 122, S422-65.	1.6	93
20	Remote ischemic preconditioning regulates HIF-1 α levels, apoptosis and inflammation in heart tissue of cardio-surgical patients: a pilot experimental study. <i>Basic Research in Cardiology</i> , 2013, 108, 314.	5.9	93
21	Accuracy of the pleth variability index to predict fluid responsiveness depends on the perfusion index. <i>Acta Anaesthesiologica Scandinavica</i> , 2011, 55, 686-693.	1.6	92
22	Washed cell salvage in surgical patients. <i>Medicine (United States)</i> , 2016, 95, e4490.	1.0	89
23	The Reliability of Pulse Contour-Derived Cardiac Output During Hemorrhage and After Vasopressor Administration. <i>Anesthesia and Analgesia</i> , 2007, 105, 107-113.	2.2	86
24	Remote preconditioning and major clinical complications following adult cardiovascular surgery: Systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2014, 176, 20-31.	1.7	79
25	The use of mid-regional proadrenomedullin to identify disease severity and treatment response to sepsis - a secondary analysis of a large randomised controlled trial. <i>Critical Care</i> , 2018, 22, 79.	5.8	79
26	Postoperative Neurocognitive Dysfunction in Patients Undergoing Cardiac Surgery after Remote Ischemic Preconditioning: A Double-Blind Randomized Controlled Pilot Study. <i>PLoS ONE</i> , 2013, 8, e64743.	2.5	77
27	Mild hypothermia alone or in combination with anesthetic post-conditioning reduces expression of inflammatory cytokines in the cerebral cortex of pigs after cardiopulmonary resuscitation. <i>Critical Care</i> , 2010, 14, R21.	5.8	76
28	Pro- and Anti-Inflammatory Responses in Severe COVID-19-Induced Acute Respiratory Distress Syndrome – An Observational Pilot Study. <i>Frontiers in Immunology</i> , 2020, 11, 581338.	4.8	75
29	Hypothermia and Postconditioning after Cardiopulmonary Resuscitation Reduce Cardiac Dysfunction by Modulating Inflammation, Apoptosis and Remodeling. <i>PLoS ONE</i> , 2009, 4, e7588.	2.5	69
30	Re-evaluating currently available data and suggestions for planning randomised controlled studies regarding the use of hydroxyethyl starch in critically ill patients - a multidisciplinary statement. <i>Critical Care</i> , 2013, 17, R166.	5.8	69
31	Detection of hypotension during Caesarean section with continuous non-invasive arterial pressure device or intermittent oscillometric arterial pressure measurement. <i>British Journal of Anaesthesia</i> , 2012, 109, 413-419.	3.4	68
32	Postoperative Neurocognitive Dysfunction in Elderly Patients after Xenon <i>versus</i> Propofol Anesthesia for Major Noncardiac Surgery. <i>Anesthesiology</i> , 2009, 110, 1068-1076.	2.5	68
33	Cardiopulmonary resuscitation traumatic cardiac arrest - there are survivors. An analysis of two national emergency registries. <i>Critical Care</i> , 2011, 15, R276.	5.8	67
34	Influence of different remifentanyl concentrations on the performance of the surgical stress index to detect a standardized painful stimulus during sevoflurane anaesthesia. <i>British Journal of Anaesthesia</i> , 2009, 103, 586-593.	3.4	64
35	The role of hepcidin and iron homeostasis in atherosclerosis. <i>Pharmacological Research</i> , 2020, 153, 104664.	7.1	64
36	A national resuscitation registry of out-of-hospital cardiac arrest in Germany – A pilot study. <i>Resuscitation</i> , 2009, 80, 199-203.	3.0	60

#	ARTICLE	IF	CITATIONS
37	The impact of response time reliability on CPR incidence and resuscitation success: a benchmark study from the German Resuscitation Registry. <i>Critical Care</i> , 2011, 15, R282.	5.8	60
38	“Simplified International Recommendations for the Implementation of Patient Blood Management” (SIR4PBM). <i>Perioperative Medicine (London, England)</i> , 2017, 6, 5.	1.5	60
39	Point-of-care coagulation management in intensive care medicine. <i>Critical Care</i> , 2013, 17, 218.	5.8	58
40	Comparison of common perioperative blood loss estimation techniques: a systematic review and meta-analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 245-258.	1.6	57
41	Effect of high-dose vitamin D3 on 28-day mortality in adult critically ill patients with severe vitamin D deficiency: a study protocol of a multicentre, placebo-controlled double-blind phase III RCT (the Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.4	56
42	Clinical Frailty Scale (CFS) reliably stratifies octogenarians in German ICUs: a multicentre prospective cohort study. <i>BMC Geriatrics</i> , 2018, 18, 162.	2.7	54
43	Microparticles from stored red blood cells enhance procoagulant and proinflammatory activity. <i>Transfusion</i> , 2017, 57, 2701-2711.	1.6	53
44	Uncalibrated pulse power analysis fails to reliably measure cardiac output in patients undergoing coronary artery bypass surgery. <i>Critical Care</i> , 2011, 15, R76.	5.8	50
45	Antibiotics for the treatment of COVID-19. <i>The Cochrane Library</i> , 2022, 2022, CD015025.	2.8	49
46	Intraoperative transfusion practices in Europe. <i>British Journal of Anaesthesia</i> , 2016, 116, 255-261viii.	3.4	47
47	Effectiveness of Preoperative Iron Supplementation in Major Surgical Patients With Iron Deficiency. <i>Annals of Surgery</i> , 2021, 274, e212-e219.	4.2	45
48	Cytoprotective effects of the volatile anesthetic sevoflurane are highly dependent on timing and duration of sevoflurane conditioning: Findings from a human, in-vitro hypoxia model. <i>European Journal of Pharmacology</i> , 2010, 645, 39-46.	3.5	44
49	Effect of Xenon Anesthesia Compared to Sevoflurane and Total Intravenous Anesthesia for Coronary Artery Bypass Graft Surgery on Postoperative Cardiac Troponin Release. <i>Anesthesiology</i> , 2017, 127, 918-933.	2.5	44
50	Vitamin C to Improve Organ Dysfunction in Cardiac Surgery Patients—Review and Pragmatic Approach. <i>Nutrients</i> , 2018, 10, 974.	4.1	44
51	Release of protein S100B in haemorrhagic shock: Effects of small volume resuscitation combined with arginine vasopressin. <i>Resuscitation</i> , 2008, 76, 449-456.	3.0	42
52	Stroke volume variation during hemorrhage and after fluid loading: impact of different tidal volumes. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 538-544.	1.6	41
53	Remote ischaemic preconditioning for heart surgery. The study design for a multi-center randomized double-blinded controlled clinical trial—the RIPHeart-Study. <i>European Heart Journal</i> , 2012, 33, 1423-6.	2.2	41
54	Contribution of Ninjurin1 to Toll-Like Receptor 4 Signaling and Systemic Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 656-663.	2.9	40

#	ARTICLE	IF	CITATIONS
55	Practice of hemodynamic monitoring and management in German, Austrian, and Swiss intensive care units: the multicenter cross-sectional ICU-CardioMan Study. <i>Annals of Intensive Care</i> , 2016, 6, 49.	4.6	40
56	Perioperative Anemia Management as Part of PBM in Cardiac Surgery – A Narrative Updated Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1060-1073.	1.3	40
57	Risk factors associated with adverse outcome following extracorporeal life support: analysis from 360 consecutive patients. <i>Perfusion (United Kingdom)</i> , 2015, 30, 284-290.	1.0	39
58	Multiple Electrode Aggregometry for the Assessment of Acquired Platelet Dysfunctions during Extracorporeal Circulation. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 021-027.	1.0	38
59	Patient Blood Management improves outcome in oncologic surgery. <i>World Journal of Surgical Oncology</i> , 2018, 16, 159.	1.9	38
60	Ten years of the Helsinki Declaration on patient safety in anaesthesiology. <i>European Journal of Anaesthesiology</i> , 2020, 37, 521-610.	1.7	38
61	Evaluation of the pediatric bonfils fiberscope for elective endotracheal intubation. <i>Paediatric Anaesthesia</i> , 2008, 18, 1040-1044.	1.1	37
62	Clinical Significance of Micronutrient Supplementation in Critically Ill COVID-19 Patients with Severe ARDS. <i>Nutrients</i> , 2021, 13, 2113.	4.1	36
63	Entropy guidance vs standard practice during propofol/remifentanyl anaesthesia: a randomised controlled trial*. <i>Anaesthesia</i> , 2007, 62, 1224-1229.	3.8	35
64	Reliability of continuous cardiac output measurement during intra-abdominal hypertension relies on repeated calibrations: an experimental animal study. <i>Critical Care</i> , 2008, 12, R132.	5.8	35
65	Variation of left ventricular outflow tract velocity and global end-diastolic volume index reliably predict fluid responsiveness in cardiac surgery patients. <i>Journal of Critical Care</i> , 2012, 27, 325.e7-325.e13.	2.2	35
66	Effects of norepinephrine on dynamic variables of fluid responsiveness during hemorrhage and after resuscitation in a pediatric porcine model. <i>Paediatric Anaesthesia</i> , 2009, 19, 688-694.	1.1	34
67	Hypoxia-induced cell damage is reduced by mild hypothermia and postconditioning with catalase in-vitro: Application of an enzyme based oxygen deficiency system. <i>European Journal of Pharmacology</i> , 2010, 628, 11-18.	3.5	33
68	Postoperative cognitive deficit after cardiopulmonary bypass with preserved cerebral oxygenation: a prospective observational pilot study. <i>BMC Anesthesiology</i> , 2011, 11, 7.	1.8	33
69	Patient Blood Management Implementation Strategies and Their Effect on Physicians' Risk Perception, Clinical Knowledge and Perioperative Practice - the Frankfurt Experience. <i>Transfusion Medicine and Hemotherapy</i> , 2015, 42, 91-97.	1.6	33
70	Serum-derived factors of breast cancer patients with brain metastases alter permeability of a human blood-brain barrier model. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 31.	5.0	33
71	Serum from Patients Undergoing Remote Ischemic Preconditioning Protects Cultured Human Intestinal Cells from Hypoxia-Induced Damage: Involvement of Matrixmetalloproteinase-2 and -9. <i>Molecular Medicine</i> , 2012, 18, 29-37.	4.4	32
72	Patient Blood Management in Europe: surveys on top indications for red blood cell use and Patient Blood Management organization and activities in seven European university hospitals. <i>Vox Sanguinis</i> , 2016, 111, 391-398.	1.5	32

#	ARTICLE	IF	CITATIONS
73	Pulse pressure variation and stroke volume variation during different loading conditions in a paediatric animal model. <i>Acta Anaesthesiologica Scandinavica</i> , 2008, 52, 374-380.	1.6	31
74	Sodium Selenite Administration IN Cardiac Surgery (SUSTAIN CSX-trial): study design of an international multicenter randomized double-blinded controlled trial of high dose sodium-selenite administration in high-risk cardiac surgical patients. <i>Trials</i> , 2014, 15, 339.	1.6	30
75	Sphingosine-1-phosphate (S1P) induces potent anti-inflammatory effects <i>in vitro</i> and <i>in vivo</i> by S1P receptor 4-mediated suppression of 5-lipoxygenase activity. <i>FASEB Journal</i> , 2019, 33, 1711-1726.	0.5	30
76	Individual Organ Failure and Concomitant Risk of Mortality Differs According to the Type of Admission to ICU – A Retrospective Study of SOFA Score of 23,795 Patients. <i>PLoS ONE</i> , 2015, 10, e0134329.	2.5	30
77	Effects of cerebral hypoperfusion on bispectral index: A randomised, controlled animal experiment during haemorrhagic shock. <i>Resuscitation</i> , 2010, 81, 1183-1189.	3.0	29
78	Remote ischaemic preconditioning for coronary artery bypass grafting (with or without valve) <i>Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 542</i>	2.8	29
79	Aprotinin May Increase Mortality in Low and Intermediate Risk but Not in High Risk Cardiac Surgical Patients Compared to Tranexamic Acid and μ -Aminocaproic Acid – A Meta-Analysis of Randomised and Observational Trials of over 30.000 Patients. <i>PLoS ONE</i> , 2013, 8, e58009.	2.5	28
80	RIPHeart (Remote Ischemic Preconditioning for Heart Surgery) Study: Myocardial Dysfunction, Postoperative Neurocognitive Dysfunction, and 1-Year Follow-up. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	28
81	Randomized comparative long-term survival study of endoscopic and thoracoscopic esophageal wall repair after NOTES mediastinoscopy in healthy and compromised animals. <i>Endoscopy</i> , 2010, 42, 468-474.	1.8	27
82	Pharmacological postconditioning with sevoflurane after cardiopulmonary resuscitation reduces myocardial dysfunction. <i>Critical Care</i> , 2011, 15, R241.	5.8	27
83	A comparison of transcranial Doppler with near infrared spectroscopy and indocyanine green during hemorrhagic shock: a prospective experimental study. <i>Critical Care</i> , 2006, 10, R18.	5.8	26
84	Hands-On Defibrillation Has the Potential to Improve the Quality of Cardiopulmonary Resuscitation and Is Safe for Rescuers – A Preclinical Study. <i>Journal of the American Heart Association</i> , 2012, 1, e001313.	3.7	26
85	Evaluation of Persistent Organ Dysfunction Plus Death As a Novel Composite Outcome in Cardiac Surgical Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 30-38.	1.3	26
86	Risk-adapted strategy or universal multimodal approach for PONV prophylaxis?. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2020, 34, 721-734.	4.0	26
87	Salicylic acid induces apoptosis in colon carcinoma cells grown in-vitro: Influence of oxygen and salicylic acid concentration. <i>Experimental Cell Research</i> , 2012, 318, 828-834.	2.6	25
88	Analysis of microRNAs in Exosomes of Breast Cancer Patients in Search of Molecular Prognostic Factors in Brain Metastases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3683.	4.1	25
89	Vitamin D deficiency in critically ill COVID-19 ARDS patients. <i>Clinical Nutrition</i> , 2022, 41, 3089-3095.	5.0	24
90	Pregnant and Postpartum Women Requiring Intensive Care Treatment for COVID-19 – First Data from the CRONOS-Registry. <i>Journal of Clinical Medicine</i> , 2022, 11, 701.	2.4	24

#	ARTICLE	IF	CITATIONS
91	Small Volume Resuscitation: A Randomized Controlled Trial With Either Norepinephrine or Vasopressin During Severe Hemorrhage. <i>Journal of Trauma</i> , 2007, 62, 640-646.	2.3	23
92	Effect of norepinephrine dosage and calibration frequency on accuracy of pulse contour-derived cardiac output. <i>Critical Care</i> , 2011, 15, R22.	5.8	23
93	Savoring every drop – Vampire or Mosquito?. <i>Critical Care</i> , 2014, 18, 306.	5.8	23
94	Advances in Breast Cancer Management and Extracellular Vesicle Research, a Bibliometric Analysis. <i>Current Oncology</i> , 2021, 28, 4504-4520.	2.2	23
95	Global End-Diastolic Volume During Different Loading Conditions in a Pediatric Animal Model. <i>Anesthesia and Analgesia</i> , 2007, 105, 1243-1249.	2.2	22
96	Effect of elevated PEEP on dynamic variables of fluid responsiveness in a pediatric animal model. <i>Paediatric Anaesthesia</i> , 2008, 18, 1170-1177.	1.1	22
97	Correlation and agreement between the bispectral index vs. state entropy during hypothermic cardio-pulmonary bypass. <i>Acta Anaesthesiologica Scandinavica</i> , 2010, 54, 169-175.	1.6	22
98	A Comparison of Third-Generation Semi-Invasive Arterial Waveform Analysis with Thermodilution in Patients Undergoing Coronary Surgery. <i>Scientific World Journal</i> , The, 2012, 2012, 1-7.	2.1	22
99	Effects of prehospital hypothermia on transfusion requirements and outcomes: a retrospective observational trial. <i>BMJ Open</i> , 2016, 6, e009913.	1.9	22
100	Health economics of Patient Blood Management: a cost-benefit analysis based on a meta-analysis. <i>Vox Sanguinis</i> , 2020, 115, 182-188.	1.5	22
101	IgM-Enriched Immunoglobulin Attenuates Systemic Endotoxin Activity in Early Severe Sepsis: A Before-After Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0160907.	2.5	22
102	(1-3)- β -D-Glucan-guided antifungal therapy in adults with sepsis: the CandiSep randomized clinical trial. <i>Intensive Care Medicine</i> , 2022, 48, 865-875.	8.2	22
103	Revised resuscitation guidelines: Adrenaline versus adrenaline/vasopressin in a pig model of cardiopulmonary resuscitation – A randomised, controlled trial. <i>Resuscitation</i> , 2007, 75, 380-388.	3.0	21
104	Corona Health – A Study- and Sensor-Based Mobile App Platform Exploring Aspects of the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7395.	2.6	21
105	A model-based cost-effectiveness analysis of Patient Blood Management. <i>Blood Transfusion</i> , 2019, 17, 16-26.	0.4	21
106	Remote Ischemic Preconditioning and Cardiac Surgery. <i>New England Journal of Medicine</i> , 2016, 374, 489-492.	27.0	20
107	Liberal transfusion strategy to prevent mortality and anaemia-associated, ischaemic events in elderly non-cardiac surgical patients – the study design of the LIBERAL-Trial. <i>Trials</i> , 2019, 20, 101.	1.6	20
108	The relevance of 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D concentration for postoperative infections and postoperative organ dysfunctions in cardiac surgery patients: The eVIDenCe study. <i>Clinical Nutrition</i> , 2019, 38, 2756-2762.	5.0	20

#	ARTICLE	IF	CITATIONS
109	Red blood cell transfusion and its alternatives in oncologic surgery – A critical evaluation. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 134, 1-9.	4.4	20
110	Propofol Sedation Is Reduced by δ^9 -Tetrahydrocannabinol in Mice. <i>Anesthesia and Analgesia</i> , 2008, 107, 102-106.	2.2	19
111	Programmes for the management of preoperative anaemia: audit in ten European hospitals within the PaBloE (Patient Blood Management in Europe) Working Group. <i>Vox Sanguinis</i> , 2020, 115, 182-191.	1.5	19
112	Impact of Intraoperative Cell Salvage on Blood Coagulation Factor Concentrations in Patients Undergoing Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2020, 130, 1389-1395.	2.2	19
113	Safety and effectiveness of a Patient Blood Management (PBM) program in surgical patients - the study design for a multi-centre prospective epidemiologic non-inferiority trial. <i>BMC Health Services Research</i> , 2014, 14, 576.	2.2	18
114	Remote Ischemic Preconditioning Does Not Affect the Release of Humoral Factors in Propofol-Anesthetized Cardiac Surgery Patients: A Secondary Analysis of the RIPHeart Study. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1094.	4.1	18
115	Genome-wide association study of myocardial infarction, atrial fibrillation, acute stroke, acute kidney injury and delirium after cardiac surgery – a sub-analysis of the RIPHeart-Study. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 26.	1.7	18
116	Hemotherapy Algorithms for Coagulopathic Cardiac Surgery Patients. <i>Clinical Laboratory</i> , 2014, 60, 1059-63.	0.5	18
117	Regional and Local Brain Oxygenation During Hemorrhagic Shock: A Prospective Experimental Study on the Effects of Small-Volume Resuscitation With Norepinephrine. <i>Journal of Trauma</i> , 2008, 64, 641-649.	2.3	17
118	Avoidable Blood Loss in Critical Care and Patient Blood Management: Scoping Review of Diagnostic Blood Loss. <i>Journal of Clinical Medicine</i> , 2022, 11, 320.	2.4	17
119	Measurement of Blood Flow Index During Antegrade Selective Cerebral Perfusion with Near-Infrared Spectroscopy in Newborn Piglets. <i>Anesthesia and Analgesia</i> , 2008, 106, 795-803.	2.2	16
120	The Fibrin-Derived Peptide β 15-42 (FX06) Ameliorates Vascular Leakage and Improves Survival and Neurocognitive Recovery: Implications From Two Animal Models of Cardiopulmonary Resuscitation*. <i>Critical Care Medicine</i> , 2016, 44, e988-e995.	0.9	16
121	Strategies to reduce blood product utilization in obstetric practice. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 294-299.	2.0	16
122	Effect of Remote Ischemic Preconditioning on Intestinal Ischemia-Reperfusion Injury in Adults Undergoing On-Pump CABG Surgery: A Randomized Controlled Pilot Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 1243-1247.	1.3	16
123	Cerebral metabolism during deep hypothermic circulatory arrest vs moderate hypothermic selective cerebral perfusion in a piglet model: a microdialysis study. <i>Paediatric Anaesthesia</i> , 2009, 19, 770-778.	1.1	15
124	Hypothermia and anesthetic postconditioning influence the expression and activity of small intestinal proteins possibly involved in ischemia/reperfusion-mediated events following cardiopulmonary resuscitation. <i>Resuscitation</i> , 2012, 83, 113-118.	3.0	15
125	Functional Validation and Comparison Framework for EIT Lung Imaging. <i>PLoS ONE</i> , 2014, 9, e103045.	2.5	15
126	Antifungal therapy in patients with pulmonary <i>Candida</i> spp. colonization may have no beneficial effects. <i>Journal of Intensive Care</i> , 2015, 3, 31.	2.9	15

#	ARTICLE	IF	CITATIONS
127	Profiling of cell stress protein expression in cardiac tissue of cardiothoracic patients undergoing remote ischemic preconditioning: implications for thioredoxin in cardioprotection. <i>Journal of Translational Medicine</i> , 2015, 13, 34.	4.4	15
128	German-wide prospective DCAPO cohort of survivors of the acute respiratory distress syndrome (ARDS): a cohort profile. <i>BMJ Open</i> , 2018, 8, e019342.	1.9	15
129	Post-Operative Iron Carboxymaltose May Have an Effect on Haemoglobin Levels in Cardiothoracic Surgical Patients on the ICU - an Observational Pilot Study about Anaemia Treatment with Intravenous Iron. <i>Transfusion Medicine and Hemotherapy</i> , 2018, 45, 42-46.	1.6	15
130	Activities of cardiac tissue matrix metalloproteinases 2 and 9 are reduced by remote ischemic preconditioning in cardiothoracic patients with cardiopulmonary bypass. <i>Journal of Translational Medicine</i> , 2014, 12, 94.	4.4	14
131	Renoprotection by remote ischemic conditioning during elective coronary revascularization: A systematic review and meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2016, 222, 295-302.	1.7	14
132	Screening for iron deficiency in surgical patients based on noninvasive zinc protoporphyrin measurements. <i>Transfusion</i> , 2020, 60, 62-72.	1.6	14
133	Impact of different compression-ventilation ratios during basic life support cardiopulmonary resuscitation. <i>Resuscitation</i> , 2008, 79, 118-124.	3.0	13
134	Postoperative neurocognitive function and microembolus detection in patients undergoing neck dissection: a pilot study. <i>European Journal of Anaesthesiology</i> , 2010, 27, 417-424.	1.7	13
135	Dynamic and volumetric variables of fluid responsiveness fail during immediate postresuscitation period*. <i>Critical Care Medicine</i> , 2011, 39, 1953-1959.	0.9	13
136	Estimating the Epidemiological and Economic Impact of Implementing Preoperative Anaemia Measures in the German Healthcare System: The Health Economic Footprint of Patient Blood Management. <i>Advances in Therapy</i> , 2020, 37, 3515-3536.	2.9	13
137	Effectiveness of Iron Supplementation With or Without Erythropoiesis-Stimulating Agents on Red Blood Cell Utilization in Patients With Preoperative Anaemia Undergoing Elective Surgery: A Systematic Review and Meta-Analysis. <i>Transfusion Medicine Reviews</i> , 2021, 35, 103-124.	2.0	13
138	Impact of Norepinephrine and Fluid on Cerebral Oxygenation in Experimental Hemorrhagic Shock. <i>Pediatric Research</i> , 2007, 62, 440-444.	2.3	12
139	Evaluation of remote ischaemic post-conditioning in a pig model of cardiac arrest: A pilot study. <i>Resuscitation</i> , 2015, 93, 89-95.	3.0	12
140	Characteristics and provision of care of patients with the acute respiratory distress syndrome: descriptive findings from the DCAPO cohort baseline and comparison with international findings. <i>Journal of Thoracic Disease</i> , 2017, 9, 818-830.	1.4	12
141	Factor XIII activity in patients requiring surgical re-exploration for bleeding after elective cardiac surgery - A prospective case control study. <i>Journal of Critical Care</i> , 2020, 56, 18-25.	2.2	12
142	Biodistribution and serologic response in SARS-CoV-2 induced ARDS: A cohort study. <i>PLoS ONE</i> , 2020, 15, e0242917.	2.5	12
143	Interleukin-1 β regulates cell proliferation and activity of extracellular matrix remodelling enzymes in cultured primary pig heart cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 542-547.	2.1	11
144	Successful fast track protocol implementation for patients undergoing transapical transcatheter aortic valve implantation. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 55.	1.1	11

#	ARTICLE	IF	CITATIONS
145	Deletion of Protocadherin Gamma C3 Induces Phenotypic and Functional Changes in Brain Microvascular Endothelial Cells In Vitro. <i>Frontiers in Pharmacology</i> , 2020, 11, 590144.	3.5	11
146	Voice alerting as a medical alarm modality for next-generation patient monitoring: a randomised international multicentre trial. <i>British Journal of Anaesthesia</i> , 2021, 127, 769-777.	3.4	11
147	Safety and Efficacy of Intermediate- and Therapeutic-Dose Anticoagulation for Hospitalised Patients with COVID-19: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 57.	2.4	11
148	Cerebral Metabolism Assessed with Microdialysis in Uncontrolled Hemorrhagic Shock After Penetrating Liver Trauma. <i>Anesthesia and Analgesia</i> , 2006, 103, 948-954.	2.2	10
149	Cell salvage using the continuous autotransfusion device CATSmart – an observational bicenter technical evaluation. <i>BMC Anesthesiology</i> , 2018, 18, 189.	1.8	10
150	Current concepts in the evaluation and management of preoperative anemia. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 352-356.	2.0	10
151	Mitochondria and Pharmacologic Cardiac Conditioning – At the Heart of Ischemic Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3224.	4.1	10
152	Methylene Blue Modulates Transendothelial Migration of Peripheral Blood Cells. <i>PLoS ONE</i> , 2013, 8, e82214.	2.5	10
153	Intracranial hemorrhage in COVID-19 patients during extracorporeal membrane oxygenation for acute respiratory failure: a nationwide register study report. <i>Critical Care</i> , 2022, 26, 83.	5.8	10
154	Improving outcome of trauma patients by implementing patient blood management. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 243-249.	2.0	9
155	Predicting the requirement for renal replacement therapy in intensive care patients with sepsis. <i>Critical Care</i> , 2018, 22, 201.	5.8	9
156	The Macrophage Migration Inhibitory Factor (MIF) Promoter Polymorphisms (rs3063368, rs755622) Predict Acute Kidney Injury and Death after Cardiac Surgery. <i>Journal of Clinical Medicine</i> , 2020, 9, 2936.	2.4	9
157	Dynamics of cerebral oxygenation during rapid ventricular pacing and its impact on outcome in transfemoral transcatheter aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E146-E153.	1.7	9
158	Intravenous iron administered to anaemic patients before surgery and hospital readmission in the PREVENTT study: one answer, a potentially important health benefit, and new questions. <i>British Journal of Anaesthesia</i> , 2021, 126, 9-11.	3.4	9
159	Effects of an Animated Blood Clot Technology (Visual Clot) on the Decision-Making of Users Inexperienced in Viscoelastic Testing: Multicenter Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e27124.	4.3	9
160	Physicians' Perceptions of a Situation Awareness-Oriented Visualization Technology for Viscoelastic Blood Coagulation Management (Visual Clot): Mixed Methods Study. <i>JMIR Serious Games</i> , 2020, 8, e19036.	3.1	9
161	Dynamic and Volumetric Variables Reliably Predict Fluid Responsiveness in a Porcine Model with Pleural Effusion. <i>PLoS ONE</i> , 2013, 8, e56267.	2.5	8
162	In-line filtration of intravenous infusion may reduce organ dysfunction of adult critical patients. <i>Critical Care</i> , 2019, 23, 373.	5.8	8

#	ARTICLE	IF	CITATIONS
163	Therapy limitation in octogenarians in German intensive care units is associated with a longer length of stay and increased 30-day mortality: A prospective multicenter study. <i>Journal of Critical Care</i> , 2020, 60, 58-63.	2.2	8
164	Drugs in anesthesia: preventing postoperative nausea and vomiting. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 421-427.	2.0	8
165	Clinical Outcome and Risk Factors of Red Blood Cell Transfusion in Patients Undergoing Elective Primary Meningioma Resection. <i>Cancers</i> , 2021, 13, 3601.	3.7	8
166	Additive Interaction of the Cannabinoid Receptor 1 Agonist Arachidonyl-2-chloroethylamide with Etomidate in a Sedation Model in Mice. <i>Anesthesiology</i> , 2008, 108, 669-674.	2.5	8
167	Tracheostomy in patients with acute respiratory distress syndrome is not related to quality of life, symptoms of psychiatric disorders or return-to-work: the prospective DACAPO cohort study. <i>Annals of Intensive Care</i> , 2020, 10, 52.	4.6	8
168	Coronavirus Threatens Blood Supply. <i>Annals of Surgery</i> , 2020, 272, e74.	4.2	7
169	Unconventional approaches to mechanical ventilation—step-by-step through the COVID-19 crisis. <i>Critical Care</i> , 2020, 24, 233.	5.8	7
170	The association between intraoperative cell salvage and red blood cell transfusion in cardiac surgery— an observational study in a patient blood management centre. <i>Anaesthesiology Intensive Therapy</i> , 2021, 53, 1-9.	1.0	7
171	Assessment of Hemostatic Changes after Initiation of Continuous Venovenous Hemodialysis. <i>Clinical Laboratory</i> , 2015, 61, 379-87.	0.5	7
172	Lessons learned from terror attacks: thematic priorities and development since 2001—results from a systematic review. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 2613-2638.	1.7	7
173	The impact of timing of intravenous iron supplementation on preoperative haemoglobin in patients scheduled for major surgery. <i>Blood Transfusion</i> , 2021, , .	0.4	7
174	Ppar ^β Expression in T Cells as a Prognostic Marker of Sepsis. <i>Shock</i> , 2016, 45, 591-597.	2.1	6
175	Interaction of morphine but not fentanyl with cerebral α_1 -adrenoceptors in α_1 -adrenoceptor knockout mice. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 901-910.	2.4	6
176	Validation of a New Small-Volume Sodium Citrate Collection Tube for Coagulation Testing in Critically Ill Patients with Coagulopathy. <i>Clinical Laboratory</i> , 2018, 64, 1083-1089.	0.5	6
177	Neurochemical monitoring using intracerebral microdialysis during systemic haemorrhage. <i>Acta Neurochirurgica</i> , 2007, 149, 691-698.	1.7	5
178	Nefopam but not physostigmine affects the thermoregulatory response in mice via α_2 -adrenoceptors. <i>Neuropharmacology</i> , 2010, 58, 495-500.	4.1	5
179	Patient blood management. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 186-191.	2.0	5
180	Influence of hypothermia and subsequent rewarming upon leukocyte-endothelial interactions and expression of Junctional-Adhesion-Molecules A and B. <i>Scientific Reports</i> , 2016, 6, 21996.	3.3	5

#	ARTICLE	IF	CITATIONS
181	The Prevalence and Clinical Relevance of ASA Nonresponse After Cardiac Surgery: A Prospective Bicentric Study. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2018, 24, 179-185.	1.7	5
182	Severe neurological complications in critically ill COVID-19 patients. <i>Journal of Neurology</i> , 2021, 268, 1576-1579.	3.6	5
183	CardioPulse Articles. <i>European Heart Journal</i> , 2012, 33, 1417-1425.	2.2	4
184	The future of iron deficiency diagnostics â€” Rapid home-use point-of-care test kits. <i>EBioMedicine</i> , 2019, 42, 28-29.	6.1	4
185	Changes in transfusion and fluid therapy practices in severely injured children: an analysis of 5118 children from the TraumaRegister DGUA®. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, , 1.	1.7	4
186	Independent Risk Factors for RBC Transfusion in Children Undergoing Surgery. Analysis of 14,248 Cases at a German University Hospital. <i>Children</i> , 2021, 8, 634.	1.5	4
187	Patient Blood Management in intensive care patients. <i>Current Opinion in Critical Care</i> , 2021, Publish Ahead of Print, 709-716.	3.2	4
188	Factors influencing the bias between blood gas analysis versus central laboratory hemoglobin testing. A secondary analysis of a randomized controlled trial. <i>PLoS ONE</i> , 2020, 15, e0240721.	2.5	4
189	Response to Dual Antiplatelet Therapy in Patients with Peripheral Artery Occlusive Disease Suffering from Critical Limb Ischemia. <i>Clinical Laboratory</i> , 2014, 60, 1601-7.	0.5	4
190	Validation of pulse contour derived stroke volume variation. <i>British Journal of Anaesthesia</i> , 2007, 99, 745-746.	3.4	3
191	Visual evaluation of left ventricular performance predicts volume responsiveness early after resuscitation from cardiac arrest. <i>Resuscitation</i> , 2011, 82, 1553-1557.	3.0	3
192	Dubious effects by the choice of anesthetics in remote ischemic preconditioning. <i>Journal of Thoracic Disease</i> , 2016, 8, E1549-E1550.	1.4	3
193	Remote ischemic preconditioning in cardiac anesthesia: a review focusing on translation. <i>Minerva Anestesiologica</i> , 2017, 83, 610-623.	1.0	3
194	Do we visually estimate intra-operative blood loss better with white or green sponges and is the deviation from the real blood loss clinically acceptable? Results from a simulated scenario study. <i>PLoS ONE</i> , 2020, 15, e0240808.	2.5	3
195	Do Small Incisions Need Only Minimal Anesthesia?â€”Anesthetic Management in Laparoscopic and Robotic Surgery. <i>Journal of Clinical Medicine</i> , 2020, 9, 4058.	2.4	3
196	Personalized Antibiotic Therapy for the Critically Ill: Implementation Strategies and Effects on Clinical Outcome of Piperacillin Therapeutic Drug Monitoringâ€”A Descriptive Retrospective Analysis. <i>Antibiotics</i> , 2021, 10, 1452.	3.7	3
197	Preoperative anaemia and red blood cell transfusion in patients with aneurysmal subarachnoid and intracerebral haemorrhage â€” a multicentre subanalysis of the German PBM Network Registry. <i>Acta Neurochirurgica</i> , 2022, 164, 985-999.	1.7	3
198	Transfusion Thresholds in High-Risk Patients after Hip Surgery. <i>New England Journal of Medicine</i> , 2012, 366, 1253-1255.	27.0	2

#	ARTICLE	IF	CITATIONS
199	Should we restrict erythrocyte transfusion in early goal directed protocols?. BMC Anesthesiology, 2015, 15, 75.	1.8	2
200	Dynamic Variables Fail to Predict Fluid Responsiveness in an Animal Model With Pericardial Effusion. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 1205-1211.	1.3	2
201	Novel method to leukoreduce murine blood for transfusion: how to reduce animal usage. Transfusion, 2016, 56, 146-152.	1.6	2
202	Effect of remote ischemic preconditioning on the melatonin and antioxidative status: a pilot study in patients undergoing cardiac surgery. Journal of Cardiovascular Surgery, 2017, 58, 909-915.	0.6	2
203	Implementation of an anaemia walkâ€n clinic: Feasibility and preliminary data from the Orthopedic University Hospital. Transfusion Medicine, 2020, 30, 467-474.	1.1	2
204	Changes in Transfusion Practice in Children and Adolescents over Time. Transfusion Medicine and Hemotherapy, 2020, 47, 379-384.	1.6	2
205	Physicianâ€™s Subjective Increase in Awareness towards Perioperative Anaemia, Patientâ€™s Blood Resource, and Transfusion after the Implementation of Patient Blood Management: A Nationwide Multicentre Survey. Acta Haematologica, 2022, 145, 38-45.	1.4	2
206	Cost-Effectiveness of POC Coagulation Testing Using Multiple Electrode Aggregometry. Clinical Laboratory, 2016, 62, 1167-78.	0.5	2
207	AnÃmie- und Blutmanagement: Neubewertung in verschiedenen Indikationen. , 0, , .		2
208	Evaluation of a Clinical Decision Support System for the most evidence-based approach to managing perioperative anticoagulation. Journal of Clinical Anesthesia, 2022, 80, 110877.	1.6	2
209	Methylene blue modulates adhesion molecule expression on microvascular endothelial cells. Inflammation Research, 2014, 63, 649-656.	4.0	1
210	Antifactor Xa Activity for the Management of Anticoagulation during Cardiac Surgery. Thoracic and Cardiovascular Surgeon, 2016, 64, 494-500.	1.0	1
211	Patient Blood Management in Critically Ill. , 2018, , 407-423.		1
212	Patient Blood Management. Springer Reference Medizin, 2019, , 211-215.	0.0	1
213	Patient blood management. ISBT Science Series, 2019, 14, 53-57.	1.1	1
214	Audit of international intraoperative hemotherapy and blood loss documentation on anesthetic records. Minerva Anesthesiologica, 2021, 87, 312-318.	1.0	1
215	Patient blood management â€“ recommendations from the International Consensus Conference, Frankfurt/Main, Germany. ISBT Science Series, 2021, 16, 226-230.	1.1	1
216	Feasibility and beneficial effects of an early goal directed therapy after cardiac arrest: evaluation by conductance method. Scientific Reports, 2021, 11, 5326.	3.3	1

#	ARTICLE	IF	CITATIONS
217	COVID-19 and the kidney: A retrospective analysis of 37 critically ill patients using machine learning. PLoS ONE, 2021, 16, e0251932.	2.5	1
218	Vital organ blood flow during high-frequency ventilation. Critical Care, 2006, 10, 426.	5.8	0
219	Gas exchange of lung-protective ventilation strategies in pigs with normal lungs. Critical Care Medicine, 2007, 35, 1447.	0.9	0
220	Cerebral ischaemia following cardiopulmonary resuscitation in pigs. Resuscitation, 2008, 79, 170.	3.0	0
221	Randomized Comparative Trial of Endoscopic Versus Thoracoscopic Full Thickness Esophageal Wall Repair After Endoscopic Mediastinoscopy in Healthy Versus Compromised Animals in a Long-Term Survival Study. Gastrointestinal Endoscopy, 2008, 67, AB104.	1.0	0
222	Somatosensory evoked potentials in detecting cerebral hypoperfusion. European Journal of Anaesthesiology, 2009, 26, 534-535.	1.7	0
223	Adverse operative outcomes in patients with anaemia. Lancet, The, 2012, 379, 1298-1299.	13.7	0
224	Deutsches Reanimationsregister: Gibt es verlässliche prä-hospitale und innerklinische Versorgungsdaten?. Intensiv- Und Notfallbehandlung, 2011, 36, 156-163.	0.0	0
225	Patientensicherheit. , 2015, , 81-96.		0
226	Patientensicherheit in der Intensivmedizin. , 2015, , 1-28.		0
227	Patient Blood Management. , 2016, , 1-5.		0
228	Impaired psychological well-being of healthcare workers in a German department of anesthesiology is independent of immediate SARS-CoV-2 exposure - a longitudinal observational study. GMS German Medical Science, 2021, 19, Doc11.	2.7	0
229	Title is missing!. , 2020, 15, e0240721.		0
230	Title is missing!. , 2020, 15, e0240721.		0
231	Title is missing!. , 2020, 15, e0240721.		0
232	Title is missing!. , 2020, 15, e0240721.		0