

# Patrick Meybohm

## List of Publications by Year in descending order

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Version: 2024-02-01

232  
papers

9,413  
citations

66250

44  
h-index

56606

87  
g-index

279  
all docs

279  
docs citations

279  
times ranked

10626  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D deficiency in critically ill COVID-19 ARDS patients. <i>Clinical Nutrition</i> , 2022, 41, 3089-3095.	2.3	24
2	Physician's Subjective Increase in Awareness towards Perioperative Anaemia, Patient's Blood Resource, and Transfusion after the Implementation of Patient Blood Management: A Nationwide Multicentre Survey. <i>Acta Haematologica</i> , 2022, 145, 38-45.	0.7	2
3	Antibiotics for the treatment of COVID-19. <i>The Cochrane Library</i> , 2022, 2022, CD015025.	1.5	49
4	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.	0.8	7
5	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.	1.0	24
6	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.	1.0	17
7	Preoperative anaemia and red blood cell transfusion in patients with aneurysmal subarachnoid and intracerebral haemorrhage—a multicentre subanalysis of the German PBM Network Registry. <i>Acta Neurochirurgica</i> , 2022, 164, 985-999.	0.9	3
8	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.	2.5	10
9	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.	1.8	25
10	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.	1.0	11
11	Evaluation of a Clinical Decision Support System for the most evidence-based approach to managing perioperative anticoagulation. <i>Journal of Clinical Anesthesia</i> , 2022, 80, 110877.	0.7	2
12	(1- $\alpha$ )-D-Glucan-guided antifungal therapy in adults with sepsis: the CandiSep randomized clinical trial. <i>Intensive Care Medicine</i> , 2022, 48, 865-875.	3.9	22
13	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.	0.7	9
14	Severe neurological complications in critically ill COVID-19 patients. <i>Journal of Neurology</i> , 2021, 268, 1576-1579.	1.8	5
15	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.	1.5	9
16	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.	0.7	57
17	The association between intraoperative cell salvage and red blood cell transfusion in cardiac surgery—a patient blood management centre. <i>Anaesthesiology Intensive Therapy</i> , 2021, 53, 1-9.	0.4	7
18	Current concepts in the evaluation and management of preoperative anemia. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 352-356.	0.9	10

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19	Mitochondria and Pharmacologic Cardiac Conditioningâ€”At the Heart of Ischemic Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3224.	1.8	10
20	Audit of international intraoperative hemotherapy and blood loss documentation on anesthetic records. <i>Minerva Anestesiologica</i> , 2021, 87, 312-318.	0.6	1
21	Patient blood management â€” recommendations from the International Consensus Conference, Frankfurt/Main, Germany. <i>ISBT Science Series</i> , 2021, 16, 226-230.	1.1	1
22	Feasibility and beneficial effects of an early goal directed therapy after cardiac arrest: evaluation by conductance method. <i>Scientific Reports</i> , 2021, 11, 5326.	1.6	1
23	Association of Intravenous Tranexamic Acid With Thromboembolic Events and Mortality. <i>JAMA Surgery</i> , 2021, 156, e210884.	2.2	144
24	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.	0.9	13
25	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.	2.1	9
26	COVID-19 and the kidney: A retrospective analysis of 37 critically ill patients using machine learning. <i>PLoS ONE</i> , 2021, 16, e0251932.	1.1	1
27	Drugs in anesthesia: preventing postoperative nausea and vomiting. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 421-427.	0.9	8
28	Clinical Significance of Micronutrient Supplementation in Critically Ill COVID-19 Patients with Severe ARDS. <i>Nutrients</i> , 2021, 13, 2113.	1.7	36
29	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.	0.6	4
30	Corona Healthâ€”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.	1.2	21
31	Clinical Outcome and Risk Factors of Red Blood Cell Transfusion in Patients Undergoing Elective Primary Meningioma Resection. <i>Cancers</i> , 2021, 13, 3601.	1.7	8
32	Patient Blood Management in intensive care patients. <i>Current Opinion in Critical Care</i> , 2021, Publish Ahead of Print, 709-716.	1.6	4
33	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.	1.5	11
34	Effectiveness of Preoperative Iron Supplementation in Major Surgical Patients With Iron Deficiency. <i>Annals of Surgery</i> , 2021, 274, e212-e219.	2.1	45
35	Advances in Breast Cancer Management and Extracellular Vesicle Research, a Bibliometric Analysis. <i>Current Oncology</i> , 2021, 28, 4504-4520.	0.9	23
36	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. <i>GMS German Medical Science</i> , 2021, 19, Doc11.	2.7	0

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37	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.	1.5	3
38	The impact of timing of intravenous iron supplementation on preoperative haemoglobin in patients scheduled for major surgery. <i>Blood Transfusion</i> , 2021, , .	0.3	7
39	Perioperative Anemia Management as Part of PBM in Cardiac Surgery â€” A Narrative Updated Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1060-1073.	0.6	40
40	Health economics of Patient Blood Management: a costâ€”benefit analysis based on a metaâ€”analysis. <i>Vox Sanguinis</i> , 2020, 115, 182-188.	0.7	22
41	Screening for iron deficiency in surgical patients based on noninvasive zinc protoporphyrin measurements. <i>Transfusion</i> , 2020, 60, 62-72.	0.8	14
42	Factor XIII activity in patients requiring surgical re-exploration for bleeding after elective cardiac surgery â€” A prospective case control study. <i>Journal of Critical Care</i> , 2020, 56, 18-25.	1.0	12
43	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.	0.7	19
44	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.	6.3	656
45	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.	1.1	3
46	Coronavirus Threatens Blood Supply. <i>Annals of Surgery</i> , 2020, 272, e74.	2.1	7
47	Implementation of an anaemia walkâ€”in clinic: Feasibility and preliminary data from the Orthopedic University Hospital. <i>Transfusion Medicine</i> , 2020, 30, 467-474.	0.5	2
48	Therapy limitation in octogenarians in German intensive care units is associated with a longer length of stay and increased 30â€”days mortality: A prospective multicenter study. <i>Journal of Critical Care</i> , 2020, 60, 58-63.	1.0	8
49	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.	1.0	9
50	Do Small Incisions Need Only Minimal Anesthesia?â€”Anesthetic Management in Laparoscopic and Robotic Surgery. <i>Journal of Clinical Medicine</i> , 2020, 9, 4058.	1.0	3
51	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.	1.6	11
52	Pro- and Anti-Inflammatory Responses in Severe COVID-19-Induced Acute Respiratory Distress Syndromeâ€”An Observational Pilot Study. <i>Frontiers in Immunology</i> , 2020, 11, 581338.	2.2	75
53	Changes in Transfusion Practice in Children and Adolescents over Time. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 379-384.	0.7	2
54	Impact of Intraoperative Cell Salvage on Blood Coagulation Factor Concentrations in Patients Undergoing Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2020, 130, 1389-1395.	1.1	19

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55	Unconventional approaches to mechanical ventilationâ€”step-by-step through the COVID-19 crisis. <i>Critical Care</i> , 2020, 24, 233.	2.5	7
56	Ten years of the Helsinki Declaration on patient safety in anaesthesiology. <i>European Journal of Anaesthesiology</i> , 2020, 37, 521-610.	0.7	38
57	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.	1.3	13
58	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.	0.8	4
59	The role of hepcidin and iron homeostasis in atherosclerosis. <i>Pharmacological Research</i> , 2020, 153, 104664.	3.1	64
60	Serum-derived factors of breast cancer patients with brain metastases alter permeability of a human bloodâ€”brain barrier model. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 31.	2.4	33
61	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.	1.7	26
62	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.	2.2	8
63	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.	1.1	4
64	Biodistribution and serologic response in SARS-CoV-2 induced ARDS: A cohort study. <i>PLoS ONE</i> , 2020, 15, e0242917.	1.1	12
65	Physiciansâ€™ Perceptions of a Situation Awarenessâ€”Oriented Visualization Technology for Viscoelastic Blood Coagulation Management (Visual Clot): Mixed Methods Study. <i>JMIR Serious Games</i> , 2020, 8, e19036.	1.7	9
66	Title is missing!. , 2020, 15, e0240721.		0
67	Title is missing!. , 2020, 15, e0240721.		0
68	Title is missing!. , 2020, 15, e0240721.		0
69	Title is missing!. , 2020, 15, e0240721.		0
70	Patient Blood Management. <i>Springer Reference Medizin</i> , 2019, , 211-215.	0.0	1
71	Genome-wide association study of myocardial infarction, atrial fibrillation, acute stroke, acute kidney injury and delirium after cardiac surgery â€” a sub-analysis of the RIPHeart-Study. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 26.	0.7	18
72	Patient Blood Management. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 983.	3.8	419

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73	The future of iron deficiency diagnostics – Rapid home-use point-of-care test kits. EBioMedicine, 2019, 42, 28-29.	2.7	4
74	Multimodal Patient Blood Management Program Based on a Three-pillar Strategy. Annals of Surgery, 2019, 269, 794-804.	2.1	201
75	Liberal transfusion strategy to prevent mortality and anaemia-associated, ischaemic events in elderly non-cardiac surgical patients – the study design of the LIBERAL-Trial. Trials, 2019, 20, 101.	0.7	20
76	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 ETQq0 0 0 rgBT Overlock 10 Tf 50 63)	0.0	0
77	In-line filtration of intravenous infusion may reduce organ dysfunction of adult critical patients. Critical Care, 2019, 23, 373.	2.5	8
78	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. FASEB Journal, 2019, 33, 1711-1726.	0.2	30
79	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. Clinical Nutrition, 2019, 38, 2756-2762.	2.3	20
80	Red blood cell transfusion and its alternatives in oncologic surgery – A critical evaluation. Critical Reviews in Oncology/Hematology, 2019, 134, 1-9.	2.0	20
81	Patient blood management. ISBT Science Series, 2019, 14, 53-57.	1.1	1
82	A model-based cost-effectiveness analysis of Patient Blood Management. Blood Transfusion, 2019, 17, 16-26.	0.3	21
83	German-wide prospective DACAPO cohort of survivors of the acute respiratory distress syndrome (ARDS): a cohort profile. BMJ Open, 2018, 8, e019342.	0.8	15
84	Effect of Remote Ischemic Preconditioning on Intestinal Ischemia-Reperfusion Injury in Adults Undergoing On-Pump CABG Surgery: A Randomized Controlled Pilot Trial. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 1243-1247.	0.6	16
85	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. Transfusion Medicine and Hemotherapy, 2018, 45, 42-46.	0.7	15
86	The use of mid-regional proadrenomedullin to identify disease severity and treatment response to sepsis - a secondary analysis of a large randomised controlled trial. Critical Care, 2018, 22, 79.	2.5	79
87	RIPHeart (Remote Ischemic Preconditioning for Heart Surgery) Study: Myocardial Dysfunction, Postoperative Neurocognitive Dysfunction, and 1-Year Follow-Up. Journal of the American Heart Association, 2018, 7, .	1.6	28
88	The Prevalence and Clinical Relevance of ASA Nonresponse After Cardiac Surgery: A Prospective Bicentric Study. Clinical and Applied Thrombosis/Hemostasis, 2018, 24, 179-185.	0.7	5
89	Cell salvage using the continuous autotransfusion device CATSmart – an observational bicenter technical evaluation. BMC Anesthesiology, 2018, 18, 189.	0.7	10
90	Patient Blood Management in Critically Ill. , 2018, , 407-423.		1

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91	Vitamin C to Improve Organ Dysfunction in Cardiac Surgery Patientsâ€”Review and Pragmatic Approach. <i>Nutrients</i> , 2018, 10, 974.	1.7	44
92	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.	1.8	18
93	Clinical Frailty Scale (CFS) reliably stratifies octogenarians in German ICUs: a multicentre prospective cohort study. <i>BMC Geriatrics</i> , 2018, 18, 162.	1.1	54
94	Patient Blood Management improves outcome in oncologic surgery. <i>World Journal of Surgical Oncology</i> , 2018, 16, 159.	0.8	38
95	Predicting the requirement for renal replacement therapy in intensive care patients with sepsis. <i>Critical Care</i> , 2018, 22, 201.	2.5	9
96	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.	0.2	6
97	Patient Blood Management Bundles to Facilitate Implementation. <i>Transfusion Medicine Reviews</i> , 2017, 31, 62-71.	0.9	181
98	Strategies to reduce blood product utilization in obstetric practice. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 294-299.	0.9	16
99	Remote ischaemic preconditioning for coronary artery bypass grafting (with or without valve) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	29
100	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.	2.5	95
101	Improving outcome of trauma patients by implementing patient blood management. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 243-249.	0.9	9
102	â€œSimplified International Recommendations for the Implementation of Patient Blood Managementâ€• (SIR4PBM). <i>Perioperative Medicine (London, England)</i> , 2017, 6, 5.	0.6	60
103	International consensus statement on the periâ€•operative management of anaemia and iron deficiency. <i>Anaesthesia</i> , 2017, 72, 233-247.	1.8	571
104	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.	1.3	44
105	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.	1.0	118
106	Microparticles from stored red blood cells enhance procoagulant and proinflammatory activity. <i>Transfusion</i> , 2017, 57, 2701-2711.	0.8	53
107	Characteristics and provision of care of patients with the acute respiratory distress syndrome: descriptive findings from the DACAPO cohort baseline and comparison with international findings. <i>Journal of Thoracic Disease</i> , 2017, 9, 818-830.	0.6	12
108	Effect of remote ischemic preconditioning on the melatonin and antioxidative status: a pilot study in patients undergoing cardiac surgery. <i>Journal of Cardiovascular Surgery</i> , 2017, 58, 909-915.	0.3	2

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109	Remote ischemic preconditioning in cardiac anesthesia: a review focusing on translation. <i>Minerva Anesthesiologica</i> , 2017, 83, 610-623.	0.6	3
110	Dubious effects by the choice of anesthetics in remote ischemic preconditioning. <i>Journal of Thoracic Disease</i> , 2016, 8, E1549-E1550.	0.6	3
111	Ppar $\gamma$ Expression in T Cells as a Prognostic Marker of Sepsis. <i>Shock</i> , 2016, 45, 591-597.	1.0	6
112	Patient blood management. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 186-191.	0.9	5
113	Effects of prehospital hypothermia on transfusion requirements and outcomes: a retrospective observatory trial. <i>BMJ Open</i> , 2016, 6, e009913.	0.8	22
114	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.	1.6	5
115	Antifactor Xa Activity for the Management of Anticoagulation during Cardiac Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2016, 64, 494-500.	0.4	1
116	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.	0.8	14
117	Dynamic Variables Fail to Predict Fluid Responsiveness in an Animal Model With Pericardial Effusion. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1205-1211.	0.6	2
118	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.	0.7	32
119	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.	2.6	217
120	Washed cell salvage in surgical patients. <i>Medicine (United States)</i> , 2016, 95, e4490.	0.4	89
121	The Fibrin-Derived Peptide BÎ $\gamma$ 15â€“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.	0.4	16
122	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.	0.6	26
123	Successful fast track protocol implementation for patients undergoing transapical transcatheter aortic valve implantation. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 55.	0.4	11
124	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.	2.2	40
125	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.	2.1	170
126	Intraoperative transfusion practices in Europe. <i>British Journal of Anaesthesia</i> , 2016, 116, 255-261viii.	1.5	47

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127	Novel method to leukoreduce murine blood for transfusion: how to reduce animal usage. <i>Transfusion</i> , 2016, 56, 146-152.	0.8	2
128	Remote Ischemic Preconditioning and Cardiac Surgery. <i>New England Journal of Medicine</i> , 2016, 374, 489-492.	13.9	20
129	IgM-Enriched Immunoglobulin Attenuates Systemic Endotoxin Activity in Early Severe Sepsis: A Before-After Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0160907.	1.1	22
130	Patient Blood Management. , 2016, , 1-5.		0
131	Cost-Effectiveness of POC Coagulation Testing Using Multiple Electrode Aggregometry. <i>Clinical Laboratory</i> , 2016, 62, 1167-78.	0.2	2
132	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.	1.3	15
133	Should we restrict erythrocyte transfusion in early goal directed protocols?. <i>BMC Anesthesiology</i> , 2015, 15, 75.	0.7	2
134	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.	0.7	33
135	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.	2.5	103
136	Profiling of cell stress protein expression in cardiac tissue of cardiosurgical patients undergoing remote ischemic preconditioning: implications for thioredoxin in cardioprotection. <i>Journal of Translational Medicine</i> , 2015, 13, 34.	1.8	15
137	Multiple Electrode Aggregometry for the Assessment of Acquired Platelet Dysfunctions during Extracorporeal Circulation. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 021-027.	0.4	38
138	Risk factors associated with adverse outcome following extracorporeal life support: analysis from 360 consecutive patients. <i>Perfusion (United Kingdom)</i> , 2015, 30, 284-290.	0.5	39
139	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.	1.4	40
140	A Multicenter Trial of Remote Ischemic Preconditioning for Heart Surgery. <i>New England Journal of Medicine</i> , 2015, 373, 1397-1407.	13.9	515
141	Evaluation of remote ischaemic post-conditioning in a pig model of cardiac arrest: A pilot study. <i>Resuscitation</i> , 2015, 93, 89-95.	1.3	12
142	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.	1.1	30
143	Assessment of Hemostatic Changes after Initiation of Continuous Venovenous Hemodialysis. <i>Clinical Laboratory</i> , 2015, 61, 379-87.	0.2	7
144	Patientensicherheit. , 2015, , 81-96.		0

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145	Patientensicherheit in der Intensivmedizin. , 2015, , 1-28.		0
146	Functional Validation and Comparison Framework for EIT Lung Imaging. PLoS ONE, 2014, 9, e103045.	1.1	15
147	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. BMC Health Services Research, 2014, 14, 576.	0.9	18
148	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. Trials, 2014, 15, 339.	0.7	30
149	Savoring every drop – Vampire or Mosquito?. Critical Care, 2014, 18, 306.	2.5	23
150	Remote preconditioning and major clinical complications following adult cardiovascular surgery: Systematic review and meta-analysis. International Journal of Cardiology, 2014, 176, 20-31.	0.8	79
151	Methylene blue modulates adhesion molecule expression on microvascular endothelial cells. Inflammation Research, 2014, 63, 649-656.	1.6	1
152	Activities of cardiac tissue matrix metalloproteinases 2 and 9 are reduced by remote ischemic preconditioning in cardiac surgical patients with cardiopulmonary bypass. Journal of Translational Medicine, 2014, 12, 94.	1.8	14
153	Hemotherapy Algorithms for Coagulopathic Cardiac Surgery Patients. Clinical Laboratory, 2014, 60, 1059-63.	0.2	18
154	Response to Dual Antiplatelet Therapy in Patients with Peripheral Artery Occlusive Disease Suffering from Critical Limb Ischemia. Clinical Laboratory, 2014, 60, 1601-7.	0.2	4
155	Point-of-care coagulation management in intensive care medicine. Critical Care, 2013, 17, 218.	2.5	58
156	Remote ischemic preconditioning regulates HIF-1 $\alpha$ levels, apoptosis and inflammation in heart tissue of cardiac surgical patients: a pilot experimental study. Basic Research in Cardiology, 2013, 108, 314.	2.5	93
157	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. Critical Care, 2013, 17, R166.	2.5	69
158	Postoperative Neurocognitive Dysfunction in Patients Undergoing Cardiac Surgery after Remote Ischemic Preconditioning: A Double-Blind Randomized Controlled Pilot Study. PLoS ONE, 2013, 8, e64743.	1.1	77
159	Dynamic and Volumetric Variables Reliably Predict Fluid Responsiveness in a Porcine Model with Pleural Effusion. PLoS ONE, 2013, 8, e56267.	1.1	8
160	Aprotinin May Increase Mortality in Low and Intermediate Risk but Not in High Risk Cardiac Surgical Patients Compared to Tranexamic Acid and $\mu$ -Aminocaproic Acid – A Meta-Analysis of Randomised and Observational Trials of over 30.000 Patients. PLoS ONE, 2013, 8, e58009.	1.1	28
161	Methylene Blue Modulates Transendothelial Migration of Peripheral Blood Cells. PLoS ONE, 2013, 8, e82214.	1.1	10
162	Hands-on Defibrillation Has the Potential to Improve the Quality of Cardiopulmonary Resuscitation and Is Safe for Rescuers – A Preclinical Study. Journal of the American Heart Association, 2012, 1, e001313.	1.6	26

#	ARTICLE	IF	CITATIONS
163	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.	1.5	68
164	Transfusion Thresholds in High-Risk Patients after Hip Surgery. <i>New England Journal of Medicine</i> , 2012, 366, 1253-1255.	13.9	2
165	CardioPulse Articles. <i>European Heart Journal</i> , 2012, 33, 1417-1425.	1.0	4
166	Adverse operative outcomes in patients with anaemia. <i>Lancet, The</i> , 2012, 379, 1298-1299.	6.3	0
167	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.	1.3	15
168	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.	1.9	32
169	A Comparison of Third-Generation Semi-Invasive Arterial Waveform Analysis with Thermodilution in Patients Undergoing Coronary Surgery. <i>Scientific World Journal, The</i> , 2012, 2012, 1-7.	0.8	22
170	A comparison of the Nexfin <sup>®</sup> and transcatheter pulmonary thermodilution to estimate cardiac output during coronary artery surgery. <i>Anaesthesia</i> , 2012, 67, 377-383.	1.8	134
171	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.	1.0	35
172	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.	1.2	25
173	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.	1.0	41
174	Effect of norepinephrine dosage and calibration frequency on accuracy of pulse contour-derived cardiac output. <i>Critical Care</i> , 2011, 15, R22.	2.5	23
175	Uncalibrated pulse power analysis fails to reliably measure cardiac output in patients undergoing coronary artery bypass surgery. <i>Critical Care</i> , 2011, 15, R76.	2.5	50
176	Pharmacological postconditioning with sevoflurane after cardiopulmonary resuscitation reduces myocardial dysfunction. <i>Critical Care</i> , 2011, 15, R241.	2.5	27
177	Visual evaluation of left ventricular performance predicts volume responsiveness early after resuscitation from cardiac arrest. <i>Resuscitation</i> , 2011, 82, 1553-1557.	1.3	3
178	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.	2.5	99
179	Cardiopulmonary resuscitation traumatic cardiac arrest - there are survivors. An analysis of two national emergency registries. <i>Critical Care</i> , 2011, 15, R276.	2.5	67
180	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.	2.5	60

#	ARTICLE	IF	CITATIONS
181	Dynamic and volumetric variables of fluid responsiveness fail during immediate postresuscitation period*. <i>Critical Care Medicine</i> , 2011, 39, 1953-1959.	0.4	13
182	Accuracy of the pleth variability index to predict fluid responsiveness depends on the perfusion index. <i>Acta Anaesthesiologica Scandinavica</i> , 2011, 55, 686-693.	0.7	92
183	Postoperative cognitive deficit after cardiopulmonary bypass with preserved cerebral oxygenation: a prospective observational pilot study. <i>BMC Anesthesiology</i> , 2011, 11, 7.	0.7	33
184	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.	1.0	142
185	Pulmonary Functional Imaging: Qualitative Comparison of Fourier Decomposition MR Imaging with SPECT/CT in Porcine Lung. <i>Radiology</i> , 2011, 260, 551-559.	3.6	101
186	Deutsches Reanimationsregister: Gibt es verlässliche prä-hospitale und innerklinische Versorgungsdaten?. <i>Intensiv- Und Notfallbehandlung</i> , 2011, 36, 156-163.	0.0	0
187	Postoperative neurocognitive function and microembolus detection in patients undergoing neck dissection: a pilot study. <i>European Journal of Anaesthesiology</i> , 2010, 27, 417-424.	0.7	13
188	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.	1.7	33
189	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.	1.7	44
190	Effects of cerebral hypoperfusion on bispectral index: A randomised, controlled animal experiment during haemorrhagic shock. <i>Resuscitation</i> , 2010, 81, 1183-1189.	1.3	29
191	Correlation and agreement between the bispectral index vs. state entropy during hypothermic cardio-pulmonary bypass. <i>Acta Anaesthesiologica Scandinavica</i> , 2010, 54, 169-175.	0.7	22
192	Part 9: Acute Coronary Syndromes. <i>Circulation</i> , 2010, 122, S422-65.	1.6	93
193	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.	1.0	27
194	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.	2.5	76
195	Interleukin-1 $\beta$ 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.	1.0	11
196	Nefopam but not physostigmine affects the thermoregulatory response in mice via $\beta$ -adrenoceptors. <i>Neuropharmacology</i> , 2010, 58, 495-500.	2.0	5
197	Hypothermia and Postconditioning after Cardiopulmonary Resuscitation Reduce Cardiac Dysfunction by Modulating Inflammation, Apoptosis and Remodeling. <i>PLoS ONE</i> , 2009, 4, e7588.	1.1	69
198	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.	1.5	64

#	ARTICLE	IF	CITATIONS
199	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.	0.6	34
200	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.	0.6	15
201	A national resuscitation registry of out-of-hospital cardiac arrest in Germany – A pilot study. <i>Resuscitation</i> , 2009, 80, 199-203.	1.3	60
202	Cerebral effects of three resuscitation protocols in uncontrolled haemorrhagic shock: A randomised controlled experimental study. <i>Resuscitation</i> , 2009, 80, 567-572.	1.3	587
203	Somatosensory evoked potentials in detecting cerebral hypoperfusion. <i>European Journal of Anaesthesiology</i> , 2009, 26, 534-535.	0.7	0
204	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.	0.4	107
205	Postoperative Neurocognitive Dysfunction in Elderly Patients after Xenon versus Propofol Anesthesia for Major Noncardiac Surgery. <i>Anesthesiology</i> , 2009, 110, 1068-1076.	1.3	68
206	Interaction of morphine but not fentanyl with cerebral $\mu$ -adrenoceptors in $\mu$ -adrenoceptor knockout mice. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 901-910.	1.2	6
207	Release of protein S100B in haemorrhagic shock: Effects of small volume resuscitation combined with arginine vasopressin. <i>Resuscitation</i> , 2008, 76, 449-456.	1.3	42
208	Impact of different compression/ventilation ratios during basic life support cardiopulmonary resuscitation. <i>Resuscitation</i> , 2008, 79, 118-124.	1.3	13
209	Cerebral ischaemia following cardiopulmonary resuscitation in pigs. <i>Resuscitation</i> , 2008, 79, 170.	1.3	0
210	Evaluation of the pediatric bonfils fiberscope for elective endotracheal intubation. <i>Paediatric Anaesthesia</i> , 2008, 18, 1040-1044.	0.6	37
211	Effect of elevated PEEP on dynamic variables of fluid responsiveness in a pediatric animal model. <i>Paediatric Anaesthesia</i> , 2008, 18, 1170-1177.	0.6	22
212	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.	0.7	31
213	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. <i>Gastrointestinal Endoscopy</i> , 2008, 67, AB104.	0.5	0
214	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.	2.5	35
215	Propofol Sedation Is Reduced by $\Delta^9$ -Tetrahydrocannabinol in Mice. <i>Anesthesia and Analgesia</i> , 2008, 107, 102-106.	1.1	19
216	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.	1.1	16

#	ARTICLE	IF	CITATIONS
217	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
218	Additive Interaction of the Cannabinoid Receptor I Agonist Arachidonyl-2-chloroethylamide with Etomidate in a Sedation Model in Mice. <i>Anesthesiology</i> , 2008, 108, 669-674.	1.3	8
219	Impact of Norepinephrine and Fluid on Cerebral Oxygenation in Experimental Hemorrhagic Shock. <i>Pediatric Research</i> , 2007, 62, 440-444.	1.1	12
220	Validation of pulse contour derived stroke volume variation. <i>British Journal of Anaesthesia</i> , 2007, 99, 745-746.	1.5	3
221	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
222	Gas exchange of lung-protective ventilation strategies in pigs with normal lungs. <i>Critical Care Medicine</i> , 2007, 35, 1447.	0.4	0
223	Global End-Diastolic Volume During Different Loading Conditions in a Pediatric Animal Model. <i>Anesthesia and Analgesia</i> , 2007, 105, 1243-1249.	1.1	22
224	The Reliability of Pulse Contour-Derived Cardiac Output During Hemorrhage and After Vasopressor Administration. <i>Anesthesia and Analgesia</i> , 2007, 105, 107-113.	1.1	86
225	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.	1.3	21
226	Stroke volume variation during hemorrhage and after fluid loading: impact of different tidal volumes. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 538-544.	0.7	41
227	Entropy guidance vs standard practice during propofol/remifentanyl anaesthesia: a randomised controlled trial*. <i>Anaesthesia</i> , 2007, 62, 1224-1229.	1.8	35
228	Neurochemical monitoring using intracerebral microdialysis during systemic haemorrhage. <i>Acta Neurochirurgica</i> , 2007, 149, 691-698.	0.9	5
229	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.	2.5	26
230	Vital organ blood flow during high-frequency ventilation. <i>Critical Care</i> , 2006, 10, 426.	2.5	0
231	Cerebral Metabolism Assessed with Microdialysis in Uncontrolled Hemorrhagic Shock After Penetrating Liver Trauma. <i>Anesthesia and Analgesia</i> , 2006, 103, 948-954.	1.1	10
232	Anämie- und Blutmanagement: Neubewertung in verschiedenen Indikationen. , 0, , .		2