

# Michael Sander

## List of Publications by Year in descending order

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Version: 2024-02-01

151  
papers

9,692  
citations

94433

37  
h-index

39675

94  
g-index

184  
all docs

184  
docs citations

184  
times ranked

11035  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mortality after surgery in Europe: a 7 day cohort study. <i>Lancet, The</i> , 2012, 380, 1059-1065.	13.7	1,614
2	Elective surgery cancellations due to the COVID-19 pandemic: global predictive modelling to inform surgical recovery plans. <i>British Journal of Surgery</i> , 2020, 107, 1440-1449.	0.3	931
3	Standards for definitions and use of outcome measures for clinical effectiveness research in perioperative medicine. <i>European Journal of Anaesthesiology</i> , 2015, 32, 88-105.	1.7	559
4	Restrictive or Liberal Red-Cell Transfusion for Cardiac Surgery. <i>New England Journal of Medicine</i> , 2017, 377, 2133-2144.	27.0	554
5	A Multicenter Trial of Remote Ischemic Preconditioning for Heart Surgery. <i>New England Journal of Medicine</i> , 2015, 373, 1397-1407.	27.0	515
6	Fluid challenges in intensive care: the FENICE study. <i>Intensive Care Medicine</i> , 2015, 41, 1529-1537.	8.2	442
7	Global patient outcomes after elective surgery: prospective cohort study in 27 low-, middle- and high-income countries. <i>British Journal of Anaesthesia</i> , 2016, 117, 601-609.	3.4	400
8	Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. <i>Anaesthesia</i> , 2021, 76, 748-758.	3.8	365
9	SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. <i>British Journal of Surgery</i> , 2021, 108, 1056-1063.	0.3	321
10	2017 EACTS/EACTA Guidelines on patient blood management for adult cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 88-120.	1.3	299
11	Six-Month Outcomes after Restrictive or Liberal Transfusion for Cardiac Surgery. <i>New England Journal of Medicine</i> , 2018, 379, 1224-1233.	27.0	180
12	Incidence of postoperative death and acute kidney injury associated with i.v. 6% hydroxyethyl starch use: systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2014, 112, 25-34.	3.4	159
13	Clinical review: Practical recommendations on the management of perioperative heart failure in cardiac surgery. <i>Critical Care</i> , 2010, 14, 201.	5.8	158
14	Comparison of uncalibrated arterial waveform analysis in cardiac surgery patients with thermodilution cardiac output measurements. <i>Critical Care</i> , 2006, 10, R164.	5.8	110
15	Effects of alcohol on the heart. <i>Current Opinion in Critical Care</i> , 2001, 7, 337-343.	3.2	105
16	Epidemiology of intra-abdominal infection and sepsis in critically ill patients: "AbSe", a multinational observational cohort study and ESICM Trials Group Project. <i>Intensive Care Medicine</i> , 2019, 45, 1703-1717.	8.2	103
17	Recombinant activated factor VII for refractory bleeding after cardiac surgery: A retrospective analysis of safety and efficacy. <i>Critical Care Medicine</i> , 2005, 33, 2241-2246.	0.9	97
18	The surgical safety checklist and patient outcomes after surgery: a prospective observational cohort study, systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2018, 120, 146-155.	3.4	92

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19	Does the severity of preoperative anemia or blood transfusion have a stronger impact on long-term survival after cardiac surgery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 1412-1420.	0.8	90
20	Intervention at the Level of the Neuroendocrine-Immune Axis and Postoperative Pneumonia Rate in Long-term Alcoholics. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 408-414.	5.6	88
21	Mortality associated with administration of high-dose tranexamic acid and aprotinin in primary open-heart procedures: a retrospective analysis. <i>Critical Care</i> , 2010, 14, R148.	5.8	86
22	Impact of Gender on Three-Month Outcome and Left Ventricular Remodeling After Transfemoral Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2012, 110, 884-890.	1.6	77
23	Suppression of interleukin-6 to interleukin-10 ratio in chronic alcoholics: association with postoperative infections. <i>Intensive Care Medicine</i> , 2002, 28, 285-292.	8.2	71
24	Activity of clotting factors in fresh-frozen plasma during storage at 4°C over 6 days. <i>Transfusion</i> , 2009, 49, 913-920.	1.6	67
25	Pulse contour analysis after normothermic cardiopulmonary bypass in cardiac surgery patients. <i>Critical Care</i> , 2005, 9, R729.	5.8	65
26	Enhanced Recovery After Cardiac Surgery (ERAS Cardiac) Recommendations: An Important First Step—But There Is Much Work to Be Done. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 39-47.	1.3	61
27	Increased Interleukin-6 After Cardiac Surgery Predicts Infection. <i>Anesthesia and Analgesia</i> , 2006, 102, 1623-1629.	2.2	60
28	Hypotension Prediction Index based protocolized haemodynamic management reduces the incidence and duration of intraoperative hypotension in primary total hip arthroplasty: a single centre feasibility randomised blinded prospective interventional trial. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 1149-1158.	1.6	60
29	Agreement of central venous saturation and mixed venous saturation in cardiac surgery patients. <i>Intensive Care Medicine</i> , 2007, 33, 1719-1725.	8.2	58
30	Aspirin and Clopidogrel Taken Until 2 Days Prior to Coronary Artery Bypass Graft Surgery Is Associated with Increased Postoperative Drainage Loss. <i>Thoracic and Cardiovascular Surgeon</i> , 2005, 53, 341-345.	1.0	54
31	The impact of an hematocrit of 20% during normothermic cardiopulmonary bypass for elective low risk coronary artery bypass graft surgery on oxygen delivery and clinical outcome—a randomized controlled study [ISRCTN35655335]. <i>Critical Care</i> , 2006, 10, R58.	5.8	49
32	Bispectral index versus COMFORT score to determine the level of sedation in paediatric intensive care unit patients: a prospective study. <i>Critical Care</i> , 2005, 9, R9.	5.8	46
33	Bench-to-bedside review: Functional hemodynamics during surgery - should it be used for all high-risk cases?. <i>Critical Care</i> , 2013, 17, 203.	5.8	46
34	C-Reactive Protein Stimulates Nicotinic Acetylcholine Receptors to Control ATP-Mediated Monocytic Inflammasome Activation. <i>Frontiers in Immunology</i> , 2018, 9, 1604.	4.8	45
35	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
36	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

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37	Prediction of volume response under open-chest conditions during coronary artery bypass surgery. <i>Critical Care</i> , 2007, 11, R121.	5.8	37
38	Evidence-based Therapy of Severe Acute Respiratory Distress Syndrome: An Algorithm-guided Approach. <i>Journal of International Medical Research</i> , 2008, 36, 211-221.	1.0	37
39	Galectin-3 predicts short- and long-term outcome in patients undergoing transcatheter aortic valve implantation (TAVI). <i>International Journal of Cardiology</i> , 2014, 177, 912-917.	1.7	37
40	Clonidine Attenuated Early Proinflammatory Response in T-Cell Subsets After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2006, 103, 809-814.	2.2	36
41	Optimisation of Perioperative Cardiovascular Management to Improve Surgical Outcome II (OPTIMISE II) trial: study protocol for a multicentre international trial of cardiac output-guided fluid therapy with low-dose inotrope infusion compared with usual care in patients undergoing major elective gastrointestinal surgery. <i>BMI Open</i> . 2019. 9. e023455.	1.9	35
42	Vasopressor Therapy in Cardiac Surgery – An Experts’ Consensus Statement. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1018-1029.	1.3	35
43	Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , 2021, 11, 21.	4.6	35
44	Impact of retained blood requiring reintervention on outcomes after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 595-601.e4.	0.8	33
45	Comparison of the non-invasive Nexfin® monitor with conventional methods for the measurement of arterial blood pressure in moderate risk orthopaedic surgery patients. <i>Journal of International Medical Research</i> , 2016, 44, 832-843.	1.0	33
46	Alcohol Use Disorder and Perioperative Immune Dysfunction. <i>Anesthesia and Analgesia</i> , 2009, 108, 916-920.	2.2	31
47	Variation in haemodynamic monitoring for major surgery in European nations: secondary analysis of the EuSOS dataset. <i>Perioperative Medicine (London, England)</i> , 2015, 4, 8.	1.5	30
48	High central venous saturation after cardiac surgery is associated with increased organ failure and long-term mortality: an observational cross-sectional study. <i>Critical Care</i> , 2015, 19, 168.	5.8	30
49	Central Venous-Arterial pCO <sub>2</sub> Difference Identifies Microcirculatory Hypoperfusion in Cardiac Surgical Patients With Normal Central Venous Oxygen Saturation: A Retrospective Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 646-655.	1.3	30
50	Implementation of goal-directed fluid therapy during hip revision arthroplasty: a matched cohort study. <i>Perioperative Medicine (London, England)</i> , 2016, 5, 31.	1.5	28
51	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
52	Propofol Increased the Interleukin-6 to Interleukin-10 Ratio more than Isoflurane after Surgery in Long-term Alcoholic Patients. <i>Journal of International Medical Research</i> , 2007, 35, 395-405.	1.0	25
53	Hyperactive Delirium and Blood Glucose Control in Critically Ill Patients. <i>Journal of International Medical Research</i> , 2007, 35, 666-677.	1.0	25
54	Nonelective surgery at night and in-hospital mortality. <i>European Journal of Anaesthesiology</i> , 2015, 32, 477-485.	1.7	25

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55	Current research priorities in perioperative intensive care medicine. <i>Intensive Care Medicine</i> , 2017, 43, 1173-1186.	8.2	25
56	Comparison of qSOFA score, SOFA score, and SIRS criteria for the prediction of infection and mortality among surgical intermediate and intensive care patients. <i>World Journal of Emergency Surgery</i> , 2020, 15, 63.	5.0	25
57	Transfusion Requirements in Cardiac Surgery III (TRICS III): Study Design of a Randomized Controlled Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 121-129.	1.3	24
58	Myocardial Ischemia and Cytokine Response Are Associated with Subsequent Onset of Infections After Noncardiac Surgery. <i>Anesthesia and Analgesia</i> , 2002, 95, 9-18.	2.2	23
59	Thawing Procedures and the Time Course of Clotting Factor Activity in Fresh-Frozen Plasma: A Controlled Laboratory Investigation. <i>Anesthesia and Analgesia</i> , 2006, 103, 969-974.	2.2	23
60	Clinical impact of the publication of S3 guidelines for intensive care in cardiac surgery patients in Germany: results from a postal survey. <i>Acta Anaesthesiologica Scandinavica</i> , 2013, 57, 206-213.	1.6	22
61	Mitral valve leaflet repair with the new PASCAL system: early real-world data from a German multicentre experience. <i>Clinical Research in Cardiology</i> , 2020, 109, 549-559.	3.3	22
62	Increased Interleukin-10 and Cortisol in Long-term Alcoholics after Cardiopulmonary Bypass: A Hint to the Increased Postoperative Infection Rate?. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 1677-1684.	2.4	21
63	ESA guidelines on the management of severe perioperative bleeding. <i>European Journal of Anaesthesiology</i> , 2014, 31, 239-241.	1.7	20
64	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
65	Perioperative cell-mediated immune response. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3676.	3.0	19
66	Dysfunction of alveolar macrophages after 3 cardiac surgery and postoperative pneumonia? – an 5 observational study. <i>Critical Care</i> , 2013, 17, R285.	5.8	18
67	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
68	Differential effects of ethanol on IFN- $\gamma$ - and TNF- $\gamma$ -producing splenic T lymphocytes in a murine model of gram-negative pneumonia. <i>Addiction Biology</i> , 2007, 12, 59-68.	2.6	17
69	Protocols, Physiology, and Trials of Hydroxyethyl Starch. <i>New England Journal of Medicine</i> , 2012, 367, 1265-1267.	27.0	17
70	Immunoglobulin deficiency as an indicator of disease severity in patients with COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L590-L599.	2.9	17
71	Clopidogrel-Related Refractory Bleeding after Coronary Artery Bypass Graft Surgery: A Rationale for the Use of Coagulation Factor Concentrates?. <i>Heart Surgery Forum</i> , 2005, 8, 39.	0.5	17
72	Implementing the International Liaison Committee on Resuscitation guidelines on hypothermia after cardiac arrest. The German experience: still a long way to go?. <i>Critical Care</i> , 2006, 10, 407.	5.8	16

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73	Management of direct oral anticoagulants-associated bleeding in the trauma patient. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 220-228.	2.0	16
74	Cardiac Output Measurement by Arterial Waveform Analysis in Cardiac Surgery – a Comparison of Measurements Derived from Waveforms of the Radial Artery versus the Ascending Aorta. <i>Journal of International Medical Research</i> , 2008, 36, 414-419.	1.0	15
75	Contemporary Fluid Management in Cardiac Anesthesia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011, 25, 1141-1153.	1.3	15
76	Early administration of levosimendan is associated with improved kidney function after cardiac surgery – a retrospective analysis. <i>Journal of Cardiothoracic Surgery</i> , 2014, 9, 167.	1.1	15
77	Feasibility and influence of hTEE monitoring on postoperative management in cardiac surgery patients. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1327-1335.	1.5	15
78	Blood Levels of Free-Circulating Mitochondrial DNA in Septic Shock and Postsurgical Systemic Inflammation and Its Influence on Coagulation: A Secondary Analysis of a Prospective Observational Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2056.	2.4	15
79	Early levosimendan administration is associated with decreased mortality after cardiac surgery. <i>Journal of Critical Care</i> , 2015, 30, 859.e1-859.e6.	2.2	14
80	What are the optimum components in a care bundle aimed at reducing post-operative pulmonary complications in high-risk patients?. <i>Perioperative Medicine (London, England)</i> , 2018, 7, 7.	1.5	14
81	Individualized, perioperative, hemodynamic goal-directed therapy in major abdominal surgery (iPEGASUS trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 273.	1.6	14
82	Effects of Ethanol on Cytokine Production After Surgery in a Murine Model of Gram-Negative Pneumonia. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 331-338.	2.4	13
83	Flow Cytometry-Based Quantification of Neutrophil Extracellular Traps Shows an Association with Hypercoagulation in Septic Shock and Hypocoagulation in Postsurgical Systemic Inflammation – A Proof-of-Concept Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 174.	2.4	13
84	Perioperative indocyanine green clearance is predictive for prolonged intensive care unit stay after coronary artery bypass grafting - an observational study. <i>Critical Care</i> , 2009, 13, R149.	5.8	12
85	Landiolol for managing post-operative atrial fibrillation. <i>European Heart Journal Supplements</i> , 2018, 20, A10-A14.	0.1	12
86	Host-Derived Delta-Like Canonical Notch Ligand 1 as a Novel Diagnostic Biomarker for Bacterial Sepsis – Results From a Combinational Secondary Analysis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 267.	3.9	12
87	Profound haemodilution during normothermic cardiopulmonary bypass influences neither gastrointestinal permeability nor cytokine release in coronary artery bypass graft surgery. <i>British Journal of Anaesthesia</i> , 2009, 103, 511-517.	3.4	11
88	Mid-regional pro-adrenomedullin (MR-proADM) and mid-regional pro-atrial natriuretic peptide (MR-proANP) in severe aortic valve stenosis: association with outcome after transcatheter aortic valve implantation (TAVI). <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 275-283.	2.3	11
89	Phosphocholine-Modified Lipooligosaccharides of <i>Haemophilus influenzae</i> Inhibit ATP-Induced IL-1 $\beta$ Release by Pulmonary Epithelial Cells. <i>Molecules</i> , 2018, 23, 1979.	3.8	11
90	High Postoperative Blood Pressure After Cardiac Surgery Is Associated With Acute Kidney Injury and Death. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1562-1570.	1.3	10

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91	Levosimendan in Sepsis. <i>New England Journal of Medicine</i> , 2017, 376, 798-800.	27.0	10
92	Longitudinal Evaluation of Plasma Concentrations of Presepsin in Patients after Severe Trauma: A Prospective Observational Study. <i>Surgical Infections</i> , 2018, 19, 480-487.	1.4	10
93	LMA Protectorâ„¢ Airway: first experience with a new second generation laryngeal mask. <i>Minerva Anesthesiologica</i> , 2019, 85, 45-52.	1.0	10
94	Influence of Vaccination and Surgery on HLA-DR Expression in Patients with Upper Aerodigestive Tract Cancer. <i>Journal of International Medical Research</i> , 2008, 36, 296-307.	1.0	9
95	Influence of goal-directed therapy with balanced crystalloidâ€œcolloid or unbalanced crystalloid solution on base excess. <i>Journal of International Medical Research</i> , 2014, 42, 468-486.	1.0	9
96	Why does a point of care guided transfusion algorithm not improve blood loss and transfusion practice in patients undergoing high-risk cardiac surgery? A prospective randomized controlled pilot study. <i>BMC Anesthesiology</i> , 2019, 19, 24.	1.8	9
97	Utilization of echocardiography in Intensive Care Units: results of an online survey in Germany. <i>Minerva Anesthesiologica</i> , 2019, 85, 263-270.	1.0	9
98	Prevalence, Diagnosis, Perioperative Monitoring and Treatment of Right Ventricular Dysfunction and/or Pulmonary Arterial Hypertension in Cardiac Surgical Patients in Germanyâ€œA Postal Survey. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, 593-600.	1.0	8
99	Treatment of spinal anaesthesia-induced hypotension with cafedrine/theodrenaline versus ephedrine during caesarean section. <i>European Journal of Anaesthesiology</i> , 2021, 38, 1067-1076.	1.7	8
100	RECOMBINANT FACTOR VIIa FOR EXCESSIVE BLEEDING AFTER THROMBECTOMY PRIOR TO KIDNEY TRANSPLANTATION. <i>Transplantation</i> , 2004, 77, 1912-1913.	1.0	7
101	Longâ€œTerm Doppler Hemodynamics and Effective Orifice Areas of Edwards <sc>SAPIEN</sc> and Medtronic CoreValve Prostheses after <sc>TAVI</sc>. <i>Echocardiography</i> , 2014, 31, 302-310.	0.9	7
102	Comparison of the effect of membrane sizes and fibre arrangements of two membrane oxygenators on the inflammatory response, oxygenation and decarboxylation in a rat model of extracorporeal membrane oxygenation. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 294.	1.7	7
103	Peri-operative plasma disappearance rate of indocyanine green after coronary artery bypass surgery. <i>Cardiovascular Journal of Africa</i> , 2007, 18, 375-9.	0.4	7
104	Microcirculation diagnostics and applied studies in circulatory shock â€œ Research from the bench to the bedside. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 131-139.	1.7	6
105	Goal-Directed Therapy for Cardiac Surgery. <i>Critical Care Clinics</i> , 2020, 36, 653-662.	2.6	6
106	Thawed solvent/detergent-treated plasma: too precious to be wasted after 6 hours?. <i>Blood Transfusion</i> , 2012, 10, 360-7.	0.4	6
107	Intensive care medicine in Europe: perspectives from the European Society of Anaesthesiology and Intensive Care. <i>European Journal of Anaesthesiology</i> , 2022, 39, 795-800.	1.7	6
108	Caspofungin Modulates Ryanodine Receptor-Mediated Calcium Release in Human Cardiac Myocytes. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	5

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109	Trauma-Induced Long-Term Alterations of Human T Cells and Monocytes—Results of an Explorative, Cross-Sectional Study. <i>Shock</i> , 2020, 53, 35-42.	2.1	5
110	Early Respiratory Impairment and Pneumonia after Hybrid Laparoscopically Assisted Esophagectomy—A Comparison with the Open Approach. <i>Journal of Clinical Medicine</i> , 2020, 9, 1896.	2.4	5
111	Does heart surgery change the capacity of $\alpha$ 1-antitrypsin to inhibit the ATP-induced release of monocytic interleukin-1 $\beta$ ? A preliminary study. <i>International Immunopharmacology</i> , 2020, 81, 106297.	3.8	5
112	Evaluation of pulse wave transit time analysis for non-invasive cardiac output quantification in pregnant patients. <i>Scientific Reports</i> , 2020, 10, 1857.	3.3	5
113	Application of $\alpha$ 1-antitrypsin in a rat model of veno-arterial extracorporeal membrane oxygenation. <i>Scientific Reports</i> , 2021, 11, 15849.	3.3	5
114	High Central Venous Pressure after Cardiac Surgery Might Depict Hemodynamic Deterioration Associated with Increased Morbidity and Mortality. <i>Journal of Clinical Medicine</i> , 2021, 10, 3945.	2.4	5
115	Fiberoptic Transorbital Intubation: Alternative for Tracheotomy in Patients after Exenteration of the Orbit. <i>Anesthesiology</i> , 2002, 97, 1647-1647.	2.5	5
116	CardioPulse Articles. <i>European Heart Journal</i> , 2012, 33, 1417-1425.	2.2	4
117	Caspofungin induces the release of Ca <sup>2+</sup> ions from internal stores by activating ryanodine receptor-dependent pathways in human tracheal epithelial cells. <i>Scientific Reports</i> , 2020, 10, 11723.	3.3	4
118	Renal markers for monitoring acute kidney injury transition to chronic kidney disease after COVID-19. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 2143-2147.	0.7	4
119	Management of perioperative volume therapy — monitoring and pitfalls. <i>Korean Journal of Anesthesiology</i> , 2020, 73, 103-113.	2.5	4
120	Severe bleeding as a result of platelet inhibition caused by floxacillin treatment for endocarditis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, e63-e65.	0.8	3
121	Rational application of antibiotics—The influence of anaesthetists' gender on self-confidence and knowledge. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 1037-1047.	1.6	3
122	Validation study of German inpatient administrative health data for epidemiological surveillance and measurement of quality of care for sepsis: the OPTIMISE study protocol. <i>BMJ Open</i> , 2020, 10, e035763.	1.9	3
123	Treatment of intraoperative hypotension with cafedrine/theodrenaline versus ephedrine. <i>Der Anaesthesist</i> , 2021, 70, 298-307.	1.2	3
124	Ultrasound-accelerated thrombolysis in high-risk perioperative pulmonary embolism: two case reports and review of literature. <i>Perioperative Medicine (London, England)</i> , 2021, 10, 35.	1.5	3
125	Liberal Transfusion Practice or Perioperative Treatment of Anemia to Avoid Transfusion?. <i>Anesthesiology</i> , 2015, 123, 971-973.	2.5	2
126	Escalation of therapy without evidence: a "may" does not imply a "should". <i>Intensive Care Medicine</i> , 2016, 42, 485-487.	8.2	2



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127	Anesthetic Management During Pediatric Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy With Cisplatin in a Small Child: A Case Report and Systematic Literature Review. <i>A&amp;A Practice</i> , 2020, 14, 1-5.	0.4	2
128	Combined Administration of Fibrinogen and Factor XIII Concentrate Does Not Improve Dilutional Coagulopathy Superiorly Than Sole Fibrinogen Therapy: Results of an In-Vitro Thrombelastographic Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2068.	2.4	2
129	Infectious Complications after Etomidate vs. Propofol for Induction of General Anesthesia in Cardiac Surgery—Results of a Retrospective, before–after Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2908.	2.4	2
130	Intensive care medicine: a multidisciplinary competence-based approach. <i>European Journal of Anaesthesiology</i> , 2021, 38, 679-681.	1.7	2
131	A calcium-containing electrolyte-balanced hydroxyethyl starch (HES) solution is associated with higher factor VIII activity than is a non-balanced HES solution, but does not affect von Willebrand factor function or thromboelastometric measurements—results of a model of in vitro haemodilution. <i>Blood Transfusion</i> . 2014. 12. 260-8.	0.4	2
132	Severe COVID-19 acute respiratory distress syndrome in an adult with single-ventricle physiology: a case report. <i>BMC Anesthesiology</i> , 2021, 21, 280.	1.8	2
133	Impact of the inspiratory oxygen fraction on the cardiac output during jugulo-femoral venoarterial extracorporeal membrane oxygenation in the rat. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 174.	1.7	2
134	Minimized Extracorporeal Circulation Is Associated with Reduced Plasma Levels of Free-Circulating Mitochondrial DNA Compared to Conventional Cardiopulmonary Bypass: A Secondary Analysis of an Exploratory, Prospective, Interventional Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2994.	2.4	2
135	Inadequate cytoplasmatic calcium signals in alveolar macrophages after cardiac surgery. <i>Inflammation Research</i> , 2010, 59, 767-773.	4.0	1
136	A case report of acute pulmonary hypertension after hyperthermic intraperitoneal chemotherapy (HIPEC) and review of the literature. <i>Annals of Medicine and Surgery</i> , 2018, 27, 26-31.	1.1	1
137	Hemodynamic changes in surgical intensive care unit patients undergoing echinocandin treatment. <i>International Journal of Clinical Pharmacy</i> , 2020, 42, 72-79.	2.1	1
138	Echinocandins Accelerate Particle Transport Velocity in the Murine Tracheal Epithelium: Dependency on Intracellular Ca <sup>2+</sup> Stores. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0066921.	3.2	1
139	FLUID MANAGEMENT DURING HEMODILUTION IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS SURGERY.. <i>Critical Care Medicine</i> , 2006, 34, A12.	0.9	0
140	Inadequate Cytoplasmatic Calcium Signals in Alveolarmacrophages after Cardiac Surgery.. , 2009, , .		0
141	286. <i>Critical Care Medicine</i> , 2013, 41, A66.	0.9	0
142	292. <i>Critical Care Medicine</i> , 2013, 41, A68.	0.9	0
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