

Sascha Treskatsch

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,502
citations

304368

22
h-index

223531

46
g-index

87
all docs

87
docs citations

87
times ranked

4550
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multicenter Trial of Remote Ischemic Preconditioning for Heart Surgery. <i>New England Journal of Medicine</i> , 2015, 373, 1397-1407.	13.9	515
2	High frequency of cerebrospinal fluid autoantibodies in COVID-19 patients with neurological symptoms. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 415-419.	2.0	192
3	SARS-CoV-2-specific T cell responses and correlations with COVID-19 patient predisposition. <i>Journal of Clinical Investigation</i> , 2020, 130, 6477-6489.	3.9	181
4	Untimely TGF β 2 responses in COVID-19 limit antiviral functions of NK cells. <i>Nature</i> , 2021, 600, 295-301.	13.7	146
5	SARS-CoV-2 in severe COVID-19 induces a TGF β 2-dominated chronic immune response that does not target itself. <i>Nature Communications</i> , 2021, 12, 1961.	5.8	145
6	Early deep sedation is associated with decreased in-hospital and two-year follow-up survival. <i>Critical Care</i> , 2015, 19, 197.	2.5	111
7	General Versus Local Anesthesia With Conscious Sedation in Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2020, 142, 1437-1447.	1.6	81
8	Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , 2020, 48, 619-626.	2.3	79
9	Renal Effects of Levosimendan: A Consensus Report. <i>Cardiovascular Drugs and Therapy</i> , 2013, 27, 581-590.	1.3	65
10	Routine frailty assessment predicts postoperative complications in elderly patients across surgical disciplines – a retrospective observational study. <i>BMC Anesthesiology</i> , 2019, 19, 204.	0.7	51
11	Influence of levosimendan on organ dysfunction in patients with severely reduced left ventricular function undergoing cardiac surgery. <i>Journal of International Medical Research</i> , 2014, 42, 750-764.	0.4	47
12	CD169/SIGLEC1 is expressed on circulating monocytes in COVID-19 and expression levels are associated with disease severity. <i>Infection</i> , 2021, 49, 757-762.	2.3	47
13	CytoSorb Rescue for COVID-19 Patients With Vasoplegic Shock and Multiple Organ Failure: A Prospective, Open-Label, Randomized Controlled Pilot Study*. <i>Critical Care Medicine</i> , 2022, 50, 964-976.	0.4	45
14	Corticosteroids as risk factor for COVID-19-associated pulmonary aspergillosis in intensive care patients. <i>Critical Care</i> , 2022, 26, 30.	2.5	38
15	Vasopressor Therapy in Cardiac Surgery – An Experts™ Consensus Statement. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1018-1029.	0.6	35
16	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.	0.4	33
17	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.	2.5	30
18	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, .	1.6	28

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19	Impact of Anesthesia Strategy and Valve Type on Clinical Outcomes After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2204-2215.	1.2	28
20	Clinical and virological characteristics of hospitalised COVID-19 patients in a German tertiary care centre during the first wave of the SARS-CoV-2 pandemic: a prospective observational study. <i>Infection</i> , 2021, 49, 703-714.	2.3	27
21	Identification of μ - and δ -opioid receptors as potential targets to regulate parasympathetic, sympathetic, and sensory neurons within rat intracardiac ganglia. <i>Journal of Comparative Neurology</i> , 2010, 518, 3836-3847.	0.9	24
22	Developmental expression of μ -opioid receptors during maturation of the parasympathetic, sympathetic, and sensory innervations of the neonatal heart: Early targets for opioid regulation of autonomic control. <i>Journal of Comparative Neurology</i> , 2011, 519, 957-971.	0.9	24
23	CytoResc â€” â€œCytoSorbâ€”Rescue for critically ill patients undergoing the COVID-19 Cytokine Storm: A structured summary of a study protocol for a randomized controlled trial. <i>Trials</i> , 2020, 21, 577.	0.7	24
24	Critical Illness and Systemic Inflammation Are Key Risk Factors of Severe Acute Kidney Injury in Patients With COVID-19. <i>Kidney International Reports</i> , 2021, 6, 905-915.	0.4	22
25	Influence of high-dose intraoperative remifentanyl with or without amantadine on postoperative pain intensity and morphine consumption in major abdominal surgery patients. <i>European Journal of Anaesthesiology</i> , 2014, 31, 41-49.	0.7	20
26	Liberal transfusion strategy to prevent mortality and anaemia-associated, ischaemic events in elderly non-cardiac surgical patients â€” the study design of the LIBERAL-Trial. <i>Trials</i> , 2019, 20, 101.	0.7	20
27	Extracorporeal life support in COVID-19-related acute respiratory distress syndrome: A EuroELSO international survey. <i>Artificial Organs</i> , 2021, 45, 495-505.	1.0	20
28	A Modified Approach to Induce Predictable Congestive Heart Failure by Volume Overload in Rats. <i>PLoS ONE</i> , 2014, 9, e87531.	1.1	19
29	Redo procedures for degenerated stentless aortic xenografts and the role of valve-in-valve transcatheter techniquesâ€. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, ezw397.	0.6	18
30	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
31	Local infiltration anaesthesia versus sciatic nerve and adductor canal block for fast-track knee arthroplasty. <i>European Journal of Anaesthesiology</i> , 2019, 36, 255-263.	0.7	18
32	Ultrastructural changes associated with myocardial apoptosis, in failing rat hearts induced by volume overload. <i>International Journal of Cardiology</i> , 2015, 197, 327-332.	0.8	17
33	Pathological alterations in liver injury following congestive heart failure induced by volume overload in rats. <i>PLoS ONE</i> , 2017, 12, e0184161.	1.1	16
34	Early administration of levosimendan is associated with improved kidney function after cardiac surgery â€” a retrospective analysis. <i>Journal of Cardiothoracic Surgery</i> , 2014, 9, 167.	0.4	15
35	Feasibility and influence of hTEE monitoring on postoperative management in cardiac surgery patients. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1327-1335.	0.7	15
36	Rapid molecular diagnosis of infective aortic valve endocarditis caused by <i>Coxiella burnetii</i> . <i>Infection</i> , 2016, 44, 813-817.	2.3	15

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37	Aldosterone Synthase in Peripheral Sensory Neurons Contributes to Mechanical Hypersensitivity during Local Inflammation in Rats. <i>Anesthesiology</i> , 2020, 132, 867-880.	1.3	15
38	Early levosimendan administration is associated with decreased mortality after cardiac surgery. <i>Journal of Critical Care</i> , 2015, 30, 859.e1-859.e6.	1.0	14
39	Upregulation of the kappa opioidergic system in left ventricular rat myocardium in response to volume overload. <i>Pharmacological Research</i> , 2015, 102, 33-41.	3.1	14
40	Cellular localization and adaptive changes of the cardiac delta opioid receptor system in an experimental model of heart failure in rats. <i>Heart and Vessels</i> , 2016, 31, 241-250.	0.5	13
41	Perioperative Management of Elderly Patients with Gastrointestinal Malignancies: The Contribution of Anesthesia. <i>Visceral Medicine</i> , 2017, 33, 267-274.	0.5	12
42	Cardiac arrhythmias in patients with COVID-19: Lessons from 2300 telemetric monitoring days on the intensive care unit. <i>Journal of Electrocardiology</i> , 2021, 66, 102-107.	0.4	12
43	Surgery for prosthetic valve endocarditis: associations between morbidity, mortality and costs. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 784-791.	0.5	11
44	Perioperative echocardiography-guided hemodynamic therapy in high-risk patients: a practical expert approach of hemodynamically focused echocardiography. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 229-243.	0.7	11
45	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.	0.6	10
46	European Association of Cardiothoracic Anesthesiology and Intensive Care Pediatric Cardiac Anesthesia Fellowship Curriculum: First Edition. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 645-653.	0.6	9
47	Utilization of echocardiography in Intensive Care Units: results of an online survey in Germany. <i>Minerva Anestesiologica</i> , 2019, 85, 263-270.	0.6	9
48	Evidence for MOR on cell membrane, sarcoplasmic reticulum and mitochondria in left ventricular myocardium in rats. <i>Heart and Vessels</i> , 2016, 31, 1380-1388.	0.5	8
49	Identification of mineralocorticoid and glucocorticoid receptors on peripheral nociceptors: Translation of experimental findings from animal to human biology. <i>Brain Research</i> , 2019, 1712, 180-187.	1.1	7
50	Neuronal aldosterone elicits a distinct genomic response in pain signaling molecules contributing to inflammatory pain. <i>Journal of Neuroinflammation</i> , 2020, 17, 183.	3.1	7
51	Perforation of the right ventricle by bone cement: a rare complication of kyphoplasty. <i>European Heart Journal</i> , 2013, 34, 1203-1203.	1.0	6
52	Current Anesthetic Care of Patients Undergoing Transcatheter Aortic Valve Replacement in Europe: Results of an Online Survey. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1737-1746.	0.6	6
53	Intravenous immunoglobulins for treatment of severe COVID-19-related acute encephalopathy. <i>Journal of Neurology</i> , 2022, 269, 4013-4020.	1.8	6
54	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.	1.0	5

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55	Chronic Naltrexone Therapy Is Associated with Improved Cardiac Function in Volume Overloaded Rats. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 733-743.	1.3	5
56	European Association of Cardiothoracic Anesthesiology and Intensive Care (EACTAIC) Fellowship Curriculum: Second Edition. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 3483-3500.	0.6	5
57	Upside-down stomach as a rare cause of obstructive shock and cardiac arrest. <i>Intensive Care Medicine</i> , 2013, 39, 2209-2210.	3.9	4
58	Improving quality of care in less than 1 min: a prospective intervention study on postoperative handovers to the ICU/PACU. <i>BMJ Open Quality</i> , 2020, 9, e000668.	0.4	4
59	Prostanoid Receptor Subtypes and Its Endogenous Ligands with Processing Enzymes within Various Types of Inflammatory Joint Diseases. <i>Mediators of Inflammation</i> , 2020, 2020, 1-13.	1.4	3
60	Functional and Anatomical Characterization of Corticotropin-Releasing Factor Receptor Subtypes of the Rat Spinal Cord Involved in Somatic Pain Relief. <i>Molecular Neurobiology</i> , 2021, 58, 5459-5472.	1.9	3
61	Identification of Mineralocorticoid Receptors, Aldosterone, and Its Processing Enzyme CYP11B2 on Parasympathetic and Sympathetic Neurons in Rat Intracardiac Ganglia. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 802359.	0.9	3
62	Superior control of inflammatory pain by corticotropin-releasing factor receptor 1 via opioid peptides in distinct pain-relevant brain areas. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	3
63	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.	1.0	2
64	Preoperative and ICU Scoring Models for Predicting the In-Hospital Mortality of Patients With Ruptured Abdominal Aortic Aneurysms. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 3700-3707.	0.6	2
65	Determinants for increased resource utilization after surgery for prosthetic valve endocarditis. <i>Journal of Heart Valve Disease</i> , 2014, 23, 752-8.	0.5	2
66	Naltrexone-Induced Cardiac Function Improvement is Associated With an Attenuated Inflammatory Response and Lipid Peroxidation in Volume Overloaded Rats. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
67	Isolated Ruptured Paravisceral Penetrating Aortic Ulcers. <i>Annals of Vascular Surgery</i> , 2022, 81, 138-147.	0.4	1
68	A Perceval Valve in Active Infective Bioprosthetic Valve Endocarditis: Case Report. <i>Journal of Heart Valve Disease</i> , 2016, 25, 512-514.	0.5	1
69	Local infiltration analgesia versus peripheral nerve block anaesthesia in total knee arthroplasty: a pharmaco-economic comparison. <i>BMC Anesthesiology</i> , 2022, 22, 80.	0.7	1
70	A large cardiac tumor obstructing left ventricular inflow. <i>Intensive Care Medicine</i> , 2015, 41, 521-522.	3.9	0
71	Systemic embolization with coronary artery obstruction from a left ventricular thrombus. <i>Intensive Care Medicine</i> , 2016, 42, 273-274.	3.9	0
72	Echocardiographic Evaluation of Right Ventricular (RV) Performance over Time in COVID-19-Associated ARDS—A Prospective Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1944.	1.0	0

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73	Institutional infrastructural preconditions and current perioperative anaesthesia practice in patients undergoing transfemoral transcatheter aortic valve implantation: a cross-sectional study in German heart centres. <i>BMJ Open</i> , 2021, 11, e045330.	0.8	0
74	Orthostatic Resiliency During Successive Hypoxic, Hypoxic Orthostatic Challenge: Successful vs. Unsuccessful Cardiovascular and Oxygenation Strategies. <i>Frontiers in Physiology</i> , 2021, 12, 712422.	1.3	0
75	Effect of perioperative levosimendan administration on postoperative N-terminal pro-B-type natriuretic peptide concentration in patients with increased cardiovascular risk factors undergoing non-cardiac surgery: protocol for the double-blind, randomised, placebo-controlled IMPROVE trial. <i>BMJ Open</i> , 2022, 12, e058216.	0.8	0
76	Prognostic value of pre-interventional cerebral oxygen saturation in transcatheter aortic valve replacement: a prespecified secondary analysis of the SOLVEâ€“TAVI trial. <i>British Journal of Anaesthesia</i> , 2022, , .	1.5	0