

# Barbara Steinlechner

## List of Publications by Year in descending order

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67  
papers

1,375  
citations

304743

22  
h-index

377865

34  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Platelet Dysfunction in Outpatients With Left Ventricular Assist Devices. <i>Annals of Thoracic Surgery</i> , 2009, 87, 131-137.	1.3	129
2	A systematic review of currently available pharmacological neuroprotective agents as a sole intervention before anticipated or induced cardiac arrest. <i>Resuscitation</i> , 2005, 65, 21-39.	3.0	67
3	Patients With Severe Aortic Valve Stenosis and Impaired Platelet Function Benefit From Preoperative Desmopressin Infusion. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1420-1426.	1.3	56
4	Preoperative patient optimization using extracorporeal life support improves outcomes of INTERMACS Level I patients receiving a permanent ventricular assist device. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 486-492.	1.4	56
5	Recombinant human antithrombin inhibits thrombin formation and interleukin 6 release in human endotoxemia. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 79, 23-34.	4.7	53
6	Acquired von Willebrand factor deficiency caused by LVAD is ADAMTS-13 and platelet dependent. <i>Thrombosis Research</i> , 2016, 137, 196-201.	1.7	48
7	Liver function predicts survival in patients undergoing extracorporeal membrane oxygenation following cardiovascular surgery. <i>Critical Care</i> , 2016, 20, 57.	5.8	46
8	Auricular Acupressure as a Treatment for Anxiety Before Extracorporeal Shock Wave Lithotripsy in the Elderly. <i>Journal of Urology</i> , 2007, 178, 160-164.	0.4	44
9	Prehospital analgesia with acupressure at the Baihui and Hegu points in patients with radial fractures: a prospective, randomized, double-blind trial. <i>American Journal of Emergency Medicine</i> , 2007, 25, 887-893.	1.6	43
10	Duration of extracorporeal membrane oxygenation support and survival in cardiovascular surgery patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2471-2476.	0.8	39
11	Early sST2 Liberation after Implantation of a Left Ventricular Assist Device in Patients with Advanced Heart Failure. <i>Journal of Immunology Research</i> , 2020, 2020, 1-9.	2.2	36
12	A Randomized Controlled Trial of Femoral Nerve Blockade Administered Preclinically for Pain Relief in Femoral Trauma. <i>Anesthesia and Analgesia</i> , 2007, 105, 1852-1854.	2.2	34
13	Effects and limitations of an AED with audiovisual feedback for cardiopulmonary resuscitation: A randomized manikin study. <i>Resuscitation</i> , 2011, 82, 902-907.	3.0	34
14	Sublingual functional capillary rarefaction in chronic heart failure. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12869.	3.4	34
15	Prognostic Impact of Persistent Thrombocytopenia During Extracorporeal Membrane Oxygenation: A Retrospective Analysis of Prospectively Collected Data From a Cohort of Patients With Left Ventricular Dysfunction After Cardiac Surgery. <i>Critical Care Medicine</i> , 2016, 44, e1208-e1218.	0.9	33
16	Cerebral desaturation during cardiac arrest: Its relation to arrest duration and left ventricular pump function*. <i>Critical Care Medicine</i> , 2009, 37, 471-475.	0.9	32
17	TENS Relieves Acute Posttraumatic Hip Pain During Emergency Transport. <i>Journal of Trauma</i> , 2007, 62, 184-188.	2.3	31
18	Serum butyrylcholinesterase predicts survival after extracorporeal membrane oxygenation after cardiovascular surgery. <i>Critical Care</i> , 2014, 18, R24.	5.8	28

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19	Serological features of antibodies to protamine inducing thrombocytopenia and thrombosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 249-55.	2.3	26
20	The oxygen dissociation curve: quantifying the shift. <i>Perfusion (United Kingdom)</i> , 2004, 19, 141-144.	1.0	24
21	Low Molecular Weight Heparin as an Alternative to Unfractionated Heparin in the Immediate Postoperative Period After Left Ventricular Assist Device Implantation. <i>Artificial Organs</i> , 2008, 32, 819-822.	1.9	23
22	Increased Serum Levels of HSP27 as a Marker for Incipient Chronic Obstructive Pulmonary Disease in Young Smokers. <i>Respiration</i> , 2012, 83, 391-399.	2.6	23
23	Performance of supraglottic airway devices and 12 month skill retention: A randomized controlled study with manikins. <i>Resuscitation</i> , 2011, 82, 326-331.	3.0	22
24	Cardiac arrest does not affect survival in post-operative cardiovascular surgery patients undergoing extracorporeal membrane oxygenation. <i>Resuscitation</i> , 2016, 104, 24-27.	3.0	22
25	Functional capillary impairment in patients with ventricular assist devices. <i>Scientific Reports</i> , 2019, 9, 5909.	3.3	21
26	Neuronal Injury After Repeated Brief Cardiac Arrests During Internal Cardioverter Defibrillator Implantation Is Associated With Deterioration of Cognitive Function. <i>Anesthesia and Analgesia</i> , 2006, 103, 403-409.	2.2	20
27	Urinary Output Predicts Survival in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiovascular Surgery. <i>Critical Care Medicine</i> , 2016, 44, 531-538.	0.9	20
28	Risk factors for early bleeding complications after lung transplantation – a retrospective cohort study. <i>Transplant International</i> , 2019, 32, 1313-1321.	1.6	20
29	A manually powered mechanical resuscitation device used by a single rescuer: A randomised controlled manikin study. <i>Resuscitation</i> , 2011, 82, 913-919.	3.0	19
30	CD4+CD28null T Lymphocytes are Associated with the Development of Atrial Fibrillation after Elective Cardiac Surgery. <i>Scientific Reports</i> , 2018, 8, 9624.	3.3	19
31	Quality of resuscitation: Flight attendants in an airplane simulator use a new mechanical resuscitation device – A randomized simulation study. <i>Resuscitation</i> , 2011, 82, 459-463.	3.0	17
32	Long-term mortality in patients with chronic obstructive pulmonary disease following extracorporeal membrane oxygenation for cardiac assist after cardiovascular surgery. <i>Intensive Care Medicine</i> , 2013, 39, 1444-1451.	8.2	17
33	Femoral Nerve Blockade Administered Preclinically for Pain Relief in Severe Knee Trauma is More Feasible and Effective than Intravenous Metamizole: A Randomized Controlled Trial. <i>Journal of Trauma</i> , 2008, 64, 1535-1538.	2.3	16
34	Postoperative Analgesia with Remifentanyl in Patients Undergoing Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2005, 100, 1230-1235.	2.2	14
35	Management of dabigatran-induced bleeding: expert statement. <i>Wiener Klinische Wochenschrift</i> , 2013, 125, 721-729.	1.9	14
36	From clinical reasoning to effective clinical decision making – new training methods. <i>Frontiers in Psychology</i> , 2015, 6, 473.	2.1	13

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37	Impact of Right Ventricular Performance in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiac Surgery. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	13
38	CD8+CD28null T Lymphocytes are Associated with the Development of Atrial Fibrillation after Elective Cardiac Surgery. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1182-1187.	3.4	13
39	A prospective analysis of invasive candidiasis following cardiac surgery: Severity markers are predictive. <i>Journal of Infection</i> , 2013, 66, 528-535.	3.3	12
40	Impact of Rabbit Antithymocyte Globulin Dose on Long-term Outcomes in Heart Transplant Patients. <i>Transplantation</i> , 2016, 100, 685-693.	1.0	12
41	Discriminatory power of scoring systems for outcome prediction in patients with extracorporeal membrane oxygenation following cardiovascular surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 534-540.	1.4	12
42	Transcutaneous Electrical Nerve Stimulation as Prehospital Emergency Interventional Care: Treating Acute Pelvic Pain in Young Women. <i>Neuromodulation</i> , 2006, 9, 136-142.	0.8	11
43	Different Heparin Contents in Prothrombin Complex Concentrates May Impair Blood Clotting in Outpatients With Ventricular Assist Devices Receiving Phenprocoumon. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 96-101.	1.3	10
44	An Extended Duration of the Pre-Operative Hospitalization is Associated with an Increased Risk of Healthcare-Associated Infections after Cardiac Surgery. <i>Scientific Reports</i> , 2020, 10, 8006.	3.3	10
45	Contralateral stroke during carotid endarterectomy due to abnormalities in the circle of Willis. <i>Wiener Klinische Wochenschrift</i> , 2007, 119, 669-673.	1.9	8
46	Interdependence of VA-ECMO output, pulmonary congestion and outcome after cardiac surgery. <i>European Journal of Internal Medicine</i> , 2020, 81, 67-70.	2.2	8
47	The impact of volume substitution on postoperative atrial fibrillation. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13456.	3.4	8
48	The Influence of Stellate Ganglion Transcutaneous Electrical Nerve Stimulation on Signal Quality of Pulse Oximetry in Prehospital Trauma Care. <i>Anesthesia and Analgesia</i> , 2007, 104, 1150-1153.	2.2	7
49	Argatroban in Thrombocytopenic Patients Sensitized to Circulating Protamine-Heparin Complexes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 1779-1783.	1.3	7
50	Postoperative management of patients undergoing cardiac surgery in Austria. <i>Wiener Klinische Wochenschrift</i> , 2018, 130, 716-721.	1.9	7
51	Can Heparin-Coated ECMO Cannulas Induce Thrombocytopenia in COVID-19 Patients?. <i>Case Reports in Immunology</i> , 2021, 2021, 1-5.	0.4	6
52	Perioperative Risk Factors for Intensive Care Unit Readmissions and Mortality After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 2339-2343.	1.3	6
53	Non-vitamin K antagonist oral anticoagulants in patients with an increased risk of bleeding. <i>Wiener Klinische Wochenschrift</i> , 2018, 130, 722-734.	1.9	4
54	A Prospective Observational Study on Multiplate®, ROTEM®- and Thrombin Generation Examinations Before and Early After Implantation of a Left Ventricular Assist Device (LVAD). <i>Frontiers in Medicine</i> , 2022, 9, 760816.	2.6	4

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55	Effects of high-urgency ambulance transportation on pro-B-type natriuretic peptide levels in patients with heart failure. <i>American Journal of Emergency Medicine</i> , 2010, 28, 568-576.	1.6	3
56	Extracorporeal immunoadsorption in heparin- and protamine-induced thrombocytopenia prior to cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 206-207.	1.4	3
57	Heparin-induced thrombocytopenia diagnostic testing after adult cardiac surgery: a single-centre experience and development. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 722-728.	1.4	3
58	The Prognostic Potential of Atrial Natriuretic Peptide on the Development of Postoperative Atrial Fibrillation after Cardiac Surgery. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1523-1529.	3.4	3
59	Initial Postoperative Hemoglobin Values Are Independently Associated With One-Year Mortality in Patients Undergoing Double-Lung Transplantation Requiring Intraoperative Transfusion. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2961-2968.	1.3	3
60	The Prognostic Potential of Growth Differentiation Factor-15 on Bleeding Events and Patient Outcome after Cardiac Surgery—A Prospective Cohort Study. <i>Thrombosis and Haemostasis</i> , 2022, 122, 703-714.	3.4	3
61	Pseudothrombocytopenia Inducing Nonindicated Platelet Transfusion after Cardiac Surgery. <i>Case Reports in Medicine</i> , 2021, 2021, 1-4.	0.7	2
62	Anticoagulation strategy in a patient on the HeartMate III® left ventricular assist device with acquired von Willebrand syndrome and recurring gastrointestinal bleeding episodes: sometimes less is more. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 57, 796-798.	1.4	1
63	Injection Site Erythema in a Patient on Therapeutic Anticoagulation with Low Molecular Weight Heparin after Mechanical Aortic Valve Replacement: A Rare Presentation of Heparin- and Protamine-Induced Thrombocytopenia. <i>Case Reports in Immunology</i> , 2020, 2020, 1-3.	0.4	1
64	The impact of invasive respiratory support on the development of postoperative atrial fibrillation following cardiac surgery. <i>Journal of Clinical Anesthesia</i> , 2021, 72, 110309.	1.6	1
65	The impact of left atrial mechanics on adverse events and clinical outcome after cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	1.4	1
66	Corrigendum to “Patients With Severe Aortic Valve Stenosis and Impaired Platelet Function Benefit From Preoperative Desmopressin Infusion” [ <i>Ann Thorac Surg</i> 91 (2011) 1420-1426]. <i>Annals of Thoracic Surgery</i> , 2020, 109, e233-e239.	1.3	0
67	The Prognostic Impact of Anti-thrombotic Treatment Strategies After Biological Aortic Valve Replacement. <i>Cardiovascular Drugs and Therapy</i> , 2021, , 1.	2.6	0