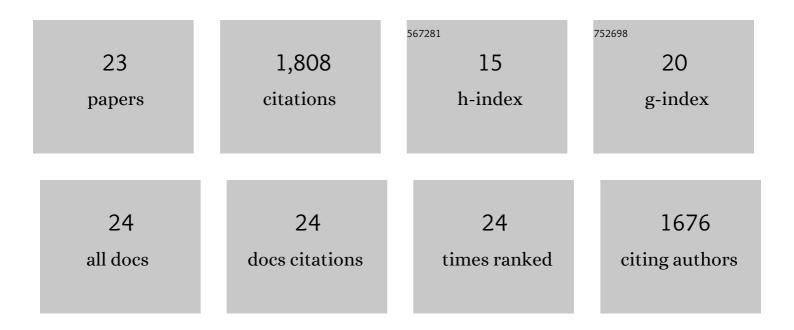
Matthias Jacob

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Prospective Observational Study of Rational Fluid Therapy in Asian Intensive Care Units: Another Puzzle Piece in Fluid Therapy. Indian Journal of Critical Care Medicine, 2020, 24, 1028-1036.	0.9	3
2	Reply to. European Journal of Anaesthesiology, 2019, 36, 78-79.	1.7	0
3	Fluid therapy and outcome: a prospective observational study in 65 German intensive care units between 2010 and 2011. Annals of Intensive Care, 2018, 8, 27.	4.6	15
4	Sevoflurane mitigates shedding of hyaluronan from the coronary endothelium, also during ischemia/reperfusion: an ex vivo animal study. Hypoxia (Auckland, N Z), 2016, 4, 81.	1.9	25
5	Regulation of blood flow and volume exchange across the microcirculation. Critical Care, 2016, 20, 319.	5.8	123
6	RhEPO improves time to exhaustion by non-hematopoietic factors in humans. European Journal of Applied Physiology, 2016, 116, 623-633.	2.5	15
7	Hypervolemia increases release of atrial natriuretic peptide and shedding of the endothelial glycocalyx. Critical Care, 2014, 18, 538.	5.8	252
8	Twisting and ignoring facts on hydroxyethyl starch is not very helpful. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2013, 21, 85.	2.6	21
9	Effect of Waxy Maize-derived Hydroxyethyl Starch 130/0.4 on Renal Function in Surgical Patients. Anesthesiology, 2013, 118, 387-394.	2.5	174
10	Comments on Reinhart et al.: consensus statement of the ESICM task force on colloid volume therapy in critically ill patients. Intensive Care Medicine, 2012, 38, 1556-1557.	8.2	9
11	Release of atrial natriuretic peptide precedes shedding of the endothelial glycocalyx equally in patients undergoing on- and off-pump coronary artery bypass surgery. Basic Research in Cardiology, 2011, 106, 1111-1121.	5.9	121
12	Perspectives in Microvascular Fluid Handling: Does the Distribution of Coagulation Factors in Human Myocardium Comply with Plasma Extravasation in Venular Coronary Segments?. Journal of Vascular Research, 2011, 48, 219-226.	1.4	10
13	Endothelial glycocalyx and coronary vascular permeability: the fringe benefit. Basic Research in Cardiology, 2010, 105, 687-701.	5.9	219
14	The â€~third space' – fact or fiction?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2009, 23, 145-157.	4.0	122
15	Albumin Augmentation Improves Condition of Guinea Pig Hearts After 4 hr of Cold Ischemia. Transplantation, 2009, 87, 956-965.	1.0	121
16	Current aspects of perioperative fluid handling in vascular surgery. Current Opinion in Anaesthesiology, 2009, 22, 100-108.	2.0	18
17	Small-volume resuscitation with hyperoncotic albumin: a systematic review of randomized clinical trials. Critical Care, 2008, 12, R34.	5.8	71
18	The endothelial glycocalyx affords compatibility of Starling's principle and high cardiac interstitial albumin levels. Cardiovascular Research, 2007, 73, 575-586.	3.8	156

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#	Article	IF	CITATIONS
19	Clinical update: perioperative fluid management. Lancet, The, 2007, 369, 1984-1986.	13.7	128
20	Contrasting Effects of Colloid and Crystalloid Resuscitation Fluids on Cardiac Vascular Permeability. Anesthesiology, 2006, 104, 1223-1231.	2.5	189
21	Authors' reply to the commentsby Drs. Ring and Kellum. Intensive Care Medicine, 2006, 32, 481-482.	8.2	0
22	Authors' reply to the comments by Dr. Lang. Intensive Care Medicine, 2006, 32, 475-476.	8.2	0
23	Development and validation of a mathematical algorithm for quantifying preoperative blood volume by means of the decrease in hematocrit resulting from acute normovolemic hemodilution. Transfusion, 2005, 45, 562-571.	1.6	16