Erik Sloth

List of Publications by Year
in descending order

70	2,658	279487 23	182168 51
papers	citations	h-index	g-index

70	70	70	2286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	International Evidence-Based Recommendations for Focused Cardiac Ultrasound. Journal of the American Society of Echocardiography, 2014, 27, 683.e1-683.e33.	1.2	409
2	Transthoracic echocardiography for cardiopulmonary monitoring in intensive care. European Journal of Anaesthesiology, 2004, 21, 700-707.	0.7	297
3	Point-of-care ultrasonography in patients admitted with respiratory symptoms: a single-blind, randomised controlled trial. Lancet Respiratory Medicine,the, 2014, 2, 638-646.	5.2	235
4	Echocardiography practice, training and accreditation in the intensive care: document for the World Interactive Network Focused on Critical Ultrasound (WINFOCUS). Cardiovascular Ultrasound, 2008, 6, 49.	0.5	203
5	Transthoracic echocardiography for cardiopulmonary monitoring in intensive care. European Journal of Anaesthesiology, 2004, 21, 700-707.	0.7	154
6	Focused Sonography of the Heart, Lungs, and Deep Veins Identifies Missed Life-Threatening Conditions in Admitted Patients With Acute Respiratory Symptoms. Chest, 2013, 144, 1868-1875.	0.4	124
7	Focus cardiac ultrasound core curriculum and core syllabus of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2018, 19, 475-481.	0.5	101
8	Perioperative Use of Focus Assessed Transthoracic Echocardiography (FATE). Anesthesia and Analgesia, 2012, 115, 1029-1032.	1.1	95
9	Ultrasonography-guided radial artery catheterization is superior compared with the traditional palpation technique. Acta Anaesthesiologica Scandinavica, 2014, 58, 446-452.	0.7	75
10	Dynamic Needle Tip Positioning â€“ Ultrasound Guidance for Peripheral Vascular Access. A Randomized, Controlled and Blinded Study in Phantoms Performed by Ultrasound Novices. Ultraschall in Der Medizin, 2012, 33, E321-E325.	0.8	65
11	Using Thoracic Ultrasonography to Accurately Assess Pneumothorax Progression During Positive Pressure Ventilation. Chest, 2013, 143, 415-422.	0.4	65
12	New pocket echocardiography device is interchangeable with highâ€end portable system when performed by experienced examiners. Acta Anaesthesiologica Scandinavica, 2010, 54, 1217-1223.	0.7	62
13	Perioperative feasibility of imaging the heart and pleura in patients with aortic stenosis undergoing aortic valve replacement. European Journal of Anaesthesiology, 2007, 24, 589-595.	0.7	50
14	Routine preâ€operative focused ultrasonography by anesthesiologists in patients undergoing urgent surgical procedures. Acta Anaesthesiologica Scandinavica, 2014, 58, 807-814.	0.7	45
15	No significant effect of angiotensin II receptor blockade on intermediate cardiovascular end points in hemodialysis patients. Kidney International, 2014, 86, 625-637.	2.6	41
16	Assessment of cardiac pathology by point-of-care ultrasonography performed by a novice examiner is comparable to the gold standard. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2013, 21, 87.	1.1	38
17	Transapical neochord implantation: Is tension of artificial chordae tendineae dependent on the insertion site?. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 138-143.	0.4	33
18	Positive End-expiratory Pressure Influences Echocardiographic Measures of Diastolic Function. Anesthesiology, 2013, 119, 1078-1086.	1.3	32

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19	Point-of-Care Clinical Ultrasound for Medical Students. Ultrasound International Open, 2015, 01, E58-E66.	0.3	32
20	Ultrasound-Guided Radial Artery Catheterisation Increases the Success Rate among Anaesthesiology Residents: A Randomised Study. Journal of Vascular Access, 2017, 18, 546-551.	0.5	30
21	Limited intervention improves technical skill in focus assessed transthoracic echocardiography among novice examiners. BMC Medical Education, 2012, 12, 65.	1.0	28
22	Implementing pointâ€ofâ€care ultrasonography of the heart and lungs in an anesthesia department. Acta Anaesthesiologica Scandinavica, 2017, 61, 156-165.	0.7	27
23	Does a positive end-expiratory pressure-induced reduction in stroke volume indicate preload responsiveness? An experimental study. Acta Anaesthesiologica Scandinavica, 2007, 51, 415-425.	0.7	26
24	A Porcine Pneumothorax Model for Teaching Ultrasound Diagnostics. Academic Emergency Medicine, 2012, 19, 586-592.	0.8	23
25	Intra-aortic balloon pumping increases renal blood flow in patients with low left ventricular ejection fraction. Perfusion (United Kingdom), 2008, 23, 223-226.	0.5	22
26	Ultrasoundâ€guidance outperforms the palpation technique for peripheral venous catheterisation in anaesthetised toddlers: a randomised study. Acta Anaesthesiologica Scandinavica, 2017, 61, 601-608.	0.7	21
27	Systolic heart function remains depressed for at least 30 days after on-pump cardiac surgery. Interactive Cardiovascular and Thoracic Surgery, 2012, 15, 395-399.	0.5	20
28	Transthoracic echocardiography in the perioperative setting. Current Opinion in Anaesthesiology, 2016, 29, 46-54.	0.9	19
29	The clinical performance of midline cathetersâ€"An observational study. Acta Anaesthesiologica Scandinavica, 2020, 64, 394-399.	0.7	19
30	Echocardiography for cardiopulmonary optimization in the intensive care unit: should we expand its use?. Acta Anaesthesiologica Scandinavica, 2004, 48, 1069-1070.	0.7	18
31	Pleural effusion decreases left ventricular preâ€load and causes haemodynamic compromise: an experimental porcine study. Acta Anaesthesiologica Scandinavica, 2012, 56, 833-839.	0.7	17
32	Point-of-care ultrasound induced changes in management of unselected patients in the emergency department - a prospective single-blinded observational trial. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 47.	1.1	17
33	Does point-of-care ultrasonography cause discomfort in patients admitted with respiratory symptoms?. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 46.	1.1	16
34	Serotonin markers show altered transcription levels in an experimental pig model of mitral regurgitation. Veterinary Journal, 2015, 203, 192-198.	0.6	16
35	Echocardiography in the ICU. Intensive Care Medicine, 2006, 32, 1283-1283.	3.9	15
36	Advances in imaging: ultrasound in every physician's pocket. Expert Opinion on Medical Diagnostics, 2012, 6, 167-170.	1.6	15

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37	Drainage of Large Pleural Effusions Increases Left Ventricular Preload. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 885-889.	0.6	12
38	Timing of focused cardiac ultrasound during advanced life support â€“ A prospective clinical study. Resuscitation, 2018, 124, 126-131.	1.3	12
39	Point-of-care ultrasonography changes patient management following open heart surgery. Scandinavian Cardiovascular Journal, 2013, 47, 335-343.	0.4	11
40	A successful model to learn and implement ultrasoundâ€guided venous catheterization in apheresis. Journal of Clinical Apheresis, 2017, 32, 437-443.	0.7	10
41	Focused cardiac ultrasound is feasible in parturients; a prospective observational study. Acta Anaesthesiologica Scandinavica, 2017, 61, 1105-1113.	0.7	10
42	Follow-Up After Cardiac Surgery Should be Extended to at Least 120 Days When Benchmarking Cardiac Surgery Centers. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 984-989.	0.6	8
43	A Technique for Ultrasound-Guided Blood Sampling from a Dry and Gel-Free Puncture Area. Journal of Vascular Access, 2016, 17, 265-268.	0.5	8
44	Asphyxia causes ultrasonographic Dâ€shaping of the left ventricle â€“ an experimental porcine study. Acta Anaesthesiologica Scandinavica, 2016, 60, 203-212.	0.7	8
45	Effect of prolonged targeted temperature management on left ventricular myocardial function after out-of-hospital cardiac arrest â˜ A randomised, controlled trial. Resuscitation, 2017, 115, 23-31.	1.3	8
46	Cardiac surgery patients present considerable variation in preâ€operative hemodynamic variables. Acta Anaesthesiologica Scandinavica, 2008, 52, 952-958.	0.7	7
47	A model for left ventricular hypertrophy enabling non-invasive assessment of cardiac function. Scandinavian Cardiovascular Journal, 2009, 43, 267-272.	0.4	7
48	Clinical utility of semi-automated estimation of ejection fraction at the point-of-care. Heart, Lung and Vessels, 2015, 7, 208-16.	0.4	6
49	Convective warming blankets improve peroperative heat preservation in congenital heart surgery. Paediatric Anaesthesia, 1998, 8, 397-401.	0.6	5
50	Dynamic needle tip positioningâ€para vessel approach. Paediatric Anaesthesia, 2016, 26, 459-460.	0.6	5
51	Early, dedicated follow-up and treatment of pleural effusions enhance the recovery rate after open cardiac surgery: results from a randomized, clinical trial. European Journal of Cardio-thoracic Surgery, 2017, 51, 58-66.	0.6	5
52	Dobutamine aggravates haemodynamic deterioration induced by pleural effusion. European Journal of Anaesthesiology, 2017, 34, 262-270.	0.7	4
53	Ultrasonography in trauma: a nation-wide cross-sectional investigation. The Ultrasound Journal, 2017, 9, 16.	2.0	4
54	Movement of pulmonary artery catheters. Heart and Vessels, 1996, 11, 269-274.	0.5	3

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55	Focused application of ultrasound in critical care medicine. Critical Care Medicine, 2008, 36, 653-654.	0.4	3
56	Strong association between activated valvular interstitial cells and histopathological lesions in porcine model of induced mitral regurgitation. International Journal of Cardiology, 2014, 174, 443-446.	0.8	3
57	Posterior wall puncture during ultrasound-guided arterial cannulation suggests inadequate operator skills. European Journal of Anaesthesiology, 2017, 34, 104.	0.7	3
58	New frontiers in echocardiography: hand-carried ultrasound devices. European Journal of Echocardiography, 2004, 5, 400-400.	2.3	2
59	Reduced right ventricular diameter during cardiac arrest caused by tension pneumothorax â€“ a porcine ultrasound study. Acta Anaesthesiologica Scandinavica, 2017, 61, 813-823.	0.7	2
60	Guidance markers increase the accuracy of simulated ultrasound-guided vascular access: an observational cohort study in a phantom. Journal of Vascular Access, 2017, 18, 73-78.	0.5	2
61	Inotropic support with little physiological rationale. Acta Anaesthesiologica Scandinavica, 2004, 48, 255-255.	0.7	1
62	OC33.02: Fetal cardiac ejection fraction assessed from 4D ultrasound: spatio-temporal image correlation and volume calculation. Ultrasound in Obstetrics and Gynecology, 2005, 26, 365-366.	0.9	1
63	Negative inotropic and hypotensive effects of the superoxide dismutase mimetic tempol in pigs. European Journal of Pharmacology, 2014, 731, 20-30.	1.7	1
64	Effects of Progressive Hypoventilation on Left Ventricular Appearance: An Alternative Etiology of Acute Sonographic Short-Axis D-Shaping. Journal of Ultrasound in Medicine, 2017, 36, 1321-1328.	0.8	1
65	Esmolol does not affect circulation negatively during resuscitation. American Journal of Emergency Medicine, 2019, 37, 690-695.	0.7	1
66	OC137: Quantitative description of fetal heart function using tissue Doppler imaging. Ultrasound in Obstetrics and Gynecology, 2004, 24, 253-253.	0.9	0
67	OP14.07: Reduced diastolic myocardial tissue velocities in the growth retarded fetus. Ultrasound in Obstetrics and Gynecology, 2008, 32, 356-356.	0.9	0
68	The Authors Reply. Kidney International, 2015, 88, 193-194.	2.6	0
69	Fluid loading and norepinephrine infusion mask the left ventricular preload decrease induced by pleural effusion. Intensive Care Medicine Experimental, 2017, 5, 42.	0.9	0
70	Reply to. European Journal of Anaesthesiology, 2018, 35, 71.	0.7	0