

# Aarne Feldheiser

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

2,671  
citations

394286

19  
h-index

189801

50  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Recovery After Surgery (ERAS) for gastrointestinal surgery, part 2: consensus statement for anaesthesia practice. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 289-334.	0.7	479
2	Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 563-574.	1.5	342
3	Enhanced Recovery After Surgery (<scp>ERAS</scp>) for gastrointestinal surgery, part 1: pathophysiological considerations. <i>Acta Anaesthesiologica Scandinavica</i> , 2015, 59, 1212-1231.	0.7	306
4	Pre-operative evaluation of adults undergoing elective noncardiac surgery. <i>European Journal of Anaesthesiology</i> , 2018, 35, 407-465.	0.7	268
5	Effect of goal-directed haemodynamic therapy on postoperative complications in low- to moderate risk surgical patients: a multicentre randomised controlled trial (FEDORA trial). <i>British Journal of Anaesthesia</i> , 2018, 120, 734-744.	1.5	139
6	Balanced crystalloid compared with balanced colloid solution using a goal-directed haemodynamic algorithm. <i>British Journal of Anaesthesia</i> , 2013, 110, 231-240.	1.5	134
7	Perioperative Quality Initiative consensus statement on preoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 552-562.	1.5	127
8	Acetylcholinesterase Inhibitors Reduce Neuroinflammation and -Degeneration in the Cortex and Hippocampus of a Surgery Stress Rat Model. <i>PLoS ONE</i> , 2013, 8, e62679.	1.1	74
9	Perioperative Quality Initiative consensus statement on postoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 575-586.	1.5	68
10	Perioperative Quality Initiative consensus statement on the physiology of arterial blood pressure control in perioperative medicine. <i>British Journal of Anaesthesia</i> , 2019, 122, 542-551.	1.5	66
11	Development and Feasibility Study of an Algorithm for Intraoperative Goal-Directed Haemodynamic Management in Noncardiac Surgery. <i>Journal of International Medical Research</i> , 2012, 40, 1227-1241.	0.4	62
12	Wearable Cardiorespiratory Monitoring Employing a Multimodal Digital Patch Stethoscope: Estimation of ECG, PEP, LVET and Respiration Using a 55 mm Single-Lead ECG and Phonocardiogram. <i>Sensors</i> , 2020, 20, 2033.	2.1	54
13	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
14	Impact of Obesity on Operative Morbidity and Clinical Outcome in Primary Epithelial Ovarian Cancer after Optimal Primary Tumor Debulking. <i>Annals of Surgical Oncology</i> , 2011, 18, 2629-2637.	0.7	36
15	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
16	Low incidence of multiple organ failure after major trauma. <i>Injury</i> , 2007, 38, 1052-1058.	0.7	32
17	Can prepartum thromboelastometry-derived parameters and fibrinogen levels really predict postpartum hemorrhage?. <i>Journal of Perinatal Medicine</i> , 2017, 45, 427-435.	0.6	27
18	Salvage Surgery Due To Bowel Obstruction in Advanced or Relapsed Ovarian Cancer Resulting in Short Bowel Syndrome and Long-Life Total Parenteral Nutrition. <i>International Journal of Gynecological Cancer</i> , 2013, 23, 1495-1500.	1.2	19

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19	A Modified Approach to Induce Predictable Congestive Heart Failure by Volume Overload in Rats. <i>PLoS ONE</i> , 2014, 9, e87531.	1.1	19
20	Terapia hemodinámica guiada por objetivos basada en parámetros de flujo con Doppler esofágico: revisión sistemática, metaanálisis y análisis secuencial de ensayos. <i>Revista Española De Anestesiología Y Reanimación</i> , 2016, 63, 384-405.	0.1	19
21	Oesophageal Doppler and calibrated pulse contour analysis are not interchangeable within a goal-directed haemodynamic algorithm in major gynaecological surgery. <i>British Journal of Anaesthesia</i> , 2014, 113, 822-831.	1.5	18
22	Physostigmine for prevention of postoperative delirium and long-term cognitive dysfunction in liver surgery. <i>European Journal of Anaesthesiology</i> , 2021, 38, 943-956.	0.7	18
23	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
24	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
25	Hemodynamic Consequences of Malignant Ascites in Epithelial Ovarian Cancer Surgery*. <i>Medicine (United States)</i> , 2015, 94, e2108.	0.4	13
26	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
27	Duration of storage influences the hemoglobin rising effect of red blood cells in patients undergoing major abdominal surgery. <i>Transfusion</i> , 2018, 58, 1870-1880.	0.8	13
28	Transfusion of red blood cells does not impact progression-free and overall survival after surgery for ovarian cancer. <i>Transfusion</i> , 2019, 59, 3589-3600.	0.8	13
29	Novel computation of pulse transit time from multi-channel PPG signals by wavelet transform. <i>Current Directions in Biomedical Engineering</i> , 2016, 2, 209-213.	0.2	12
30	Implementation of Enhanced Recovery After Surgery (ERAS) Pathways in Gynecologic Oncology. A NOGGO-AGO* survey of 144 Gynecological Departments in Germany. <i>Anticancer Research</i> , 2016, 36, 4227-32.	0.5	12
31	Impact of Ascites on the Perioperative Course of Patients With Advanced Ovarian Cancer Undergoing Extensive Cytoreduction: Results of a Study on 119 Patients. <i>International Journal of Gynecological Cancer</i> , 2014, 24, 478-487.	1.2	11
32	Goal directed hemodynamic therapy based in esophageal Doppler flow parameters: A systematic review, meta-analysis and trial sequential analysis. <i>Revista Española De Anestesiología Y Reanimación (English)</i> Tj ETQq010 rgBT10verlock	0.1	10
33	Influence of goal-directed therapy with balanced crystalloid or unbalanced crystalloid solution on base excess. <i>Journal of International Medical Research</i> , 2014, 42, 468-486.	0.4	9
34	Model selection for the Pulse Decomposition Analysis of fingertip photoplethysmograms. , 2017, 2017, 4014-4017.		9
35	Vasopressor effects on venous return in septic patients: a review. <i>European Journal of Anaesthesiology</i> , 2021, 38, 659-663.	0.7	9
36	Diagnostic value of plasma NGAL and intraoperative diuresis for AKI after major gynecological surgery in patients treated within an intraoperative goal-directed hemodynamic algorithm. <i>Medicine (United States)</i> , 2017, 96, e7357.	0.4	8

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37	Classification of morphologic changes in photoplethysmographic waveforms. <i>Current Directions in Biomedical Engineering</i> , 2016, 2, 203-207.	0.2	7
38	In-ear photoplethysmography for central pulse waveform analysis in non-invasive hemodynamic monitoring. <i>Current Directions in Biomedical Engineering</i> , 2017, 3, 587-590.	0.2	7
39	Correlation of arterial blood pressure to synchronous piezo, impedance and photoplethysmographic signal features. <i>Current Directions in Biomedical Engineering</i> , 2017, 3, 749-753.	0.2	7
40	The need for post-operative vasopressor infusions after major gynae-oncologic surgery within an ERAS (Enhanced Recovery After Surgery) pathway. <i>Perioperative Medicine (London, England)</i> , 2020, 9, 26.	0.6	7
41	Impact of clinical factors and surgical outcome on long-term survival in high-grade serous ovarian cancer: a multicenter analysis. <i>International Journal of Gynecological Cancer</i> , 2021, 31, 713-720.	1.2	7
42	Association of Sodium Homeostasis with Blood Transfusions During Liver Transplantation. <i>Anesthesia and Analgesia</i> , 2016, 122, 916-917.	1.1	6
43	Balanced 10% hydroxyethyl starch compared with balanced 6% hydroxyethyl starch and balanced crystalloid using a goal-directed hemodynamic algorithm in pancreatic surgery. <i>Medicine (United States)</i> , 2017, 96, 144-154.	1.0	6
44	Haemodynamic Optimization by Oesophageal Doppler and Pulse Power Wave Analysis in Liver Surgery: A Randomised Controlled Trial. <i>PLoS ONE</i> , 2015, 10, e0132715.	1.1	4
45	Dynamic muscle O2 saturation response is impaired during major non-cardiac surgery despite goal-directed haemodynamic therapy. <i>Revista Española de Anestesiología y Reanimación (English)</i> , 2017, 60, 143-148.	1.0	4
46	La respuesta de la saturación dinámica muscular en cirugía no cardiaca se altera pese a la terapia hemodinámica dirigida por objetivos. <i>Revista Española de Anestesiología y Reanimación</i> , 2016, 63, 149-158.	0.1	4
47	Assessment of In-ear Photoplethysmography as a Surrogate for Electrocardiography in Heart Rate Variability Analysis. <i>IFMBE Proceedings</i> , 2019, , 293-297.	0.2	4
48	Surgery at primary versus relapsed epithelial ovarian cancer: a study on aspects of anaesthesiological management. <i>Anticancer Research</i> , 2015, 35, 1591-601.	0.5	4
49	Assessment of agreement and trending between haemodynamic monitors is still challenging. <i>Intensive Care Medicine</i> , 2014, 40, 767-767.	3.9	3
50	Detection of a Stroke Volume Decrease by Machine-Learning Algorithms Based on Thoracic Bioimpedance in Experimental Hypovolaemia. <i>Sensors</i> , 2022, 22, 5066.	2.1	3
51	International point prevalence study of Intensive Care Unit transfusion practices—Pilot study in the Netherlands. <i>Transfusion Clinique Et Biologique</i> , 2019, 26, 202-208.	0.2	2
52	Evaluation of Pulse Arrival Times during Lower Body Negative Pressure Test for the Non-Invasive Detection of Hypovolemia. <i>PLoS ONE</i> , 2019, 14, 3770-3774.		2
53	Meta-analysis of goal-directed fluid therapy using transoesophageal Doppler monitoring in patients undergoing elective colorectal surgery. <i>BJS Open</i> , 2020, 4, 164-165.	0.7	2
54	Current state of corticosteroid therapy in patients with septic shock. <i>Clinical Intensive Care: International Journal of Critical &amp; Coronary Care Medicine</i> , 2005, 16, 151-161.	0.1	2

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55	A rare case of ovarian cancer in pregnancy complicated by pulmonary embolus and myocardial infarction: management dilemmas. <i>Journal of Surgical Case Reports</i> , 2014, 2014, rju099-rju099.	0.2	1
56	Gastrointestinal morbidity as primary outcome measure in studies comparing crystalloid and colloid within a goal-directed therapy. <i>British Journal of Anaesthesia</i> , 2015, 114, 160-162.	1.5	1
57	Gastrointestinal morbidity as primary outcome measure in studies comparing crystalloid and colloid within a goal-directed therapy. <i>British Journal of Anaesthesia</i> , 2015, 115, 128-129.	1.5	1
58	Dynamic Time Warping of Pulse Wave Curves. <i>Current Directions in Biomedical Engineering</i> , 2018, 4, 371-374.	0.2	1
59	Heart Rate Variability Analysis During Lower Body Negative Pressure Test Induced Central Hypovolemia. <i>Current Directions in Biomedical Engineering</i> , 2019, 5, 65-68.	0.2	1
60	Predicting acute postoperative pain by the qNOX score at the end of surgery. Comment on <i>Br J Anaesth</i> 2020; 124: 222-226. <i>British Journal of Anaesthesia</i> , 2020, 124, e213-e214.	1.5	1
61	Acute Kidney Injury Following Enhanced Recovery after Surgery in Patients Undergoing Radical Cystectomy. Letter.. <i>Journal of Urology</i> , 2021, 206, 782-783.	0.2	1
62	Current state of corticosteroid therapy in patients with septic shock. <i>Clinical Intensive Care: International Journal of Critical &amp; Coronary Care Medicine</i> , 2005, 16, 151-161.	0.1	1
63	Do prepartum fibrinogen levels and thromboelastometry derived parameters correlate with hemorrhage after vaginal delivery? A prospective observational clinical pilot trial. <i>European Journal of Anaesthesiology</i> , 2014, 31, 188.	0.7	0
64	Assessment of hemodynamics with esophageal Doppler in a 3-year-old child undergoing major craniofacial surgery. <i>Paediatric Anaesthesia</i> , 2016, 26, 460-462.	0.6	0
65	Comparison of bedside assessed arm and leg fluid filtration determined by venous congestion plethysmography in perioperative cancer patients. <i>Medicine (United States)</i> , 2017, 96, e6066.	0.4	0
66	Clinical characterization of long term survivors (LTS) in ovarian cancer (OC): Results of a propensity score matched (PSM) analysis of the international prospective tumor bank for ovarian cancer (TOC) Tj ETQq0 0 0 rgB8 /Overlock 10 Tf 5	0.8	0
67	Reply to: vasopressor effects on venous return in septic patients: a review. <i>European Journal of Anaesthesiology</i> , 2022, 39, 289-291.	0.7	0
68	Laparoscopic radical hysterectomy and lymph node dissection learning experience at campus Virchow - Charite. <i>Anticancer Research</i> , 2013, 33, 3449-53.	0.5	0
69	Driving forces of venous return. <i>European Journal of Anaesthesiology</i> , 2022, 39, 393-394.	0.7	0