

# Aarne Feldheiser

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

2,671  
citations

394421  
19  
h-index

189892  
50  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2768  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Reply to: vasopressor effects on venous return in septic patients: a review. European Journal of Anaesthesiology, 2022, 39, 289-291.   | 1.7 | 0         |
| 2  | Driving forces of venous return. European Journal of Anaesthesiology, 2022, 39, 393-394.   | 1.7 | 0         |
| 3  | Detection of a Stroke Volume Decrease by Machine-Learning Algorithms Based on Thoracic Bioimpedance in Experimental Hypovolaemia. Sensors, 2022, 22, 5066.   | 3.8 | 3         |
| 4  | Physostigmine for prevention of postoperative delirium and long-term cognitive dysfunction in liver surgery. European Journal of Anaesthesiology, 2021, 38, 943-956.   | 1.7 | 18        |
| 5  | Impact of clinical factors and surgical outcome on long-term survival in high-grade serous ovarian cancer: a multicenter analysis. International Journal of Gynecological Cancer, 2021, 31, 713-720.             | 2.5 | 7         |
| 6  | Vasopressor effects on venous return in septic patients: a review. European Journal of Anaesthesiology, 2021, 38, 659-663.   | 1.7 | 9         |
| 7  | Acute Kidney Injury Following Enhanced Recovery after Surgery in Patients Undergoing Radical Cystectomy. Letter.. Journal of Urology, 2021, 206, 782-783.  | 0.4 | 1         |
| 8  | Meta-analysis of goal-directed fluid therapy using transoesophageal Doppler monitoring in patients undergoing elective colorectal surgery. BJS Open, 2020, 4, 164-165.   | 1.7 | 2         |
| 9  | The need for post-operative vasopressor infusions after major gynae-oncologic surgery within an ERAS (Enhanced Recovery After Surgery) pathway. Perioperative Medicine (London, England), 2020, 9, 26.           | 1.5 | 7         |
| 10 | Predicting acute postoperative pain by the qNOX score at the end of surgery. Comment on Br J Anaesth 2020; 124: 222-226. British Journal of Anaesthesia, 2020, 124, e213-e214.                                   | 3.4 | 1         |
| 11 | 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. Sensors, 2020, 20, 2033. | 3.8 | 54        |
| 12 | Transfusion of red blood cells does not impact progression-free and overall survival after surgery for ovarian cancer. Transfusion, 2019, 59, 3589-3600.   | 1.6 | 13        |
| 13 | International point prevalence study of Intensive Care Unit transfusion practices-Pilot study in the Netherlands. Transfusion Clinique Et Biologique, 2019, 26, 202-208.   | 0.4 | 2         |
| 14 | Heart Rate Variability Analysis During Lower Body Negative Pressure Test Induced Central Hypovolemia. Current Directions in Biomedical Engineering, 2019, 5, 65-68.  | 0.4 | 1         |
| 15 | Perioperative Quality Initiative consensus statement on postoperative blood pressure, risk and outcomes for elective surgery. British Journal of Anaesthesia, 2019, 122, 575-586.                                | 3.4 | 68        |
| 16 | Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. British Journal of Anaesthesia, 2019, 122, 563-574.                               | 3.4 | 342       |
| 17 | Perioperative Quality Initiative consensus statement on preoperative blood pressure, risk and outcomes for elective surgery. British Journal of Anaesthesia, 2019, 122, 552-562.                                 | 3.4 | 127       |
| 18 | Perioperative Quality Initiative consensus statement on the physiology of arterial blood pressure control in perioperative medicine. British Journal of Anaesthesia, 2019, 122, 542-551.                         | 3.4 | 66        |

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|----|---|-----|-----------|
| 19 | Evaluation of Pulse Arrival Times during Lower Body Negative Pressure Test for the Non-Invasive Detection of Hypovolemia. , 2019, 2019, 3770-3774.  |     | 2         |
| 20 | Assessment of In-ear Photoplethysmography as a Surrogate for Electrocardiography in Heart Rate Variability Analysis. IFMBE Proceedings, 2019, , 293-297.  | 0.3 | 4         |
| 21 | Duration of storage influences the hemoglobin rising effect of red blood cells in patients undergoing major abdominal surgery. Transfusion, 2018, 58, 1870-1880.  | 1.6 | 13        |
| 22 | Effect of goal-directed haemodynamic therapy on postoperative complications in low- to moderate risk surgical patients: a multicentre randomised controlled trial (FEDORA trial). British Journal of Anaesthesia, 2018, 120, 734-744. | 3.4 | 139       |
| 23 | Balanced 10% hydroxyethyl starch compared with balanced 6% hydroxyethyl starch and balanced crystalloid using a goal-directed hemodynamic algorithm in pancreatic surgery. Medicine (United States), 2017, 96, e7357.                 | 1.0 | 8         |
| 24 | Pre-operative evaluation of adults undergoing elective noncardiac surgery. European Journal of Anaesthesiology, 2018, 35, 407-465.  | 1.7 | 268       |
| 25 | Dynamic Time Warping of Pulse Wave Curves. Current Directions in Biomedical Engineering, 2018, 4, 371-374.  | 0.4 | 1         |
| 26 | In-ear photoplethysmography for central pulse waveform analysis in non-invasive hemodynamic monitoring. Current Directions in Biomedical Engineering, 2017, 3, 587-590.   | 0.4 | 7         |
| 27 | Diagnostic value of plasma NGAL and intraoperative diuresis for AKI after major gynecological surgery in patients treated within an intraoperative goal-directed hemodynamic algorithm. Medicine (United States), 2017, 96, e7357.    | 1.0 | 8         |
| 28 | Comparison of bedside assessed arm and leg fluid filtration determined by venous congestion plethysmography in perioperative cancer patients. Medicine (United States), 2017, 96, e6066.  | 1.0 | 0         |
| 29 | Can prepartum thromboelastometry-derived parameters and fibrinogen levels really predict postpartum hemorrhage?. Journal of Perinatal Medicine, 2017, 45, 427-435.  | 1.4 | 27        |
| 30 | Model selection for the Pulse Decomposition Analysis of fingertip photoplethysmograms. , 2017, 2017, 4014-4017.   |     | 9         |
| 31 | Correlation of arterial blood pressure to synchronous piezo, impedance and photoplethysmographic signal features. Current Directions in Biomedical Engineering, 2017, 3, 749-753.   | 0.4 | 7         |
| 32 | 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) .                            |     |           |
| 33 | Association of Sodium Homeostasis with Blood Transfusions During Liver Transplantation. Anesthesia and Analgesia, 2016, 122, 916-917.   | 2.2 | 6         |
| 34 | Classification of morphologic changes in photoplethysmographic waveforms. Current Directions in Biomedical Engineering, 2016, 2, 203-207.   | 0.4 | 7         |
| 35 | Novel computation of pulse transit time from multi-channel PPG signals by wavelet transform. Current Directions in Biomedical Engineering, 2016, 2, 209-213.  | 0.4 | 12        |
| 36 | Dynamic muscle O2 saturation response is impaired during major non-cardiac surgery despite goal-directed haemodynamic therapy. Revista Espa ola De Anestesiolog a Y Reanimaci n (English) .   |     |           |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Enhanced Recovery After Surgery (ERAS) for gastrointestinal surgery, part 2: consensus statement for anaesthesia practice. Acta Anaesthesiologica Scandinavica, 2016, 60, 289-334.   | 1.6 | 479       |
| 38 | Goal directed hemodynamic therapy based in esophageal Doppler flow parameters: A systematic review, meta-analysis and trial sequential analysis. Revista Española De Anestesiología Y Reanimación (English) Tj ETQq0010 rgBT10verlock 1  | 1.0 | 10        |
| 39 | Comparison of the non-invasive Nexfin® monitor with conventional methods for the measurement of arterial blood pressure in moderate risk orthopaedic surgery patients. Journal of International Medical Research, 2016, 44, 832-843.     | 1.0 | 33        |
| 40 | Assessment of hemodynamics with esophageal Doppler in a 3-year-old child undergoing major craniofacial surgery. Paediatric Anaesthesia, 2016, 26, 460-462.   | 1.1 | 0         |
| 41 | Cellular localization and adaptive changes of the cardiac delta opioid receptor system in an experimental model of heart failure in rats. Heart and Vessels, 2016, 31, 241-250.  | 1.2 | 13        |
| 42 | Terapia hemodinámica guiada por objetivos basada en parámetros de flujo con Doppler esofágico: revisión sistemática, metaanálisis y análisis secuencial de ensayos. Revista Española De Anestesiología Y Reanimación, 2016, 63, 384-405. | 0.3 | 19        |
| 43 | La respuesta de la saturación dinámica muscular en cirugía no cardíaca se altera pese a la terapia hemodinámica dirigida por objetivos. Revista Española De Anestesiología Y Reanimación, 2016, 63, 149-158.                             | 0.3 | 4         |
| 44 | Implementation of Enhanced Recovery After Surgery (ERAS) Pathways in Gynecologic Oncology. A NOGGO-AGO* survey of 144 Gynecological Departments in Germany. Anticancer Research, 2016, 36, 4227-32.                                      | 1.1 | 12        |
| 45 | Haemodynamic Optimization by Oesophageal Doppler and Pulse Power Wave Analysis in Liver Surgery: A Randomised Controlled Trial. PLoS ONE, 2015, 10, e0132715.  | 2.5 | 4         |
| 46 | Hemodynamic Consequences of Malignant Ascites in Epithelial Ovarian Cancer Surgery*. Medicine (United States), 2015, 94, e2108.  | 1.0 | 13        |
| 47 | Gastrointestinal morbidity as primary outcome measure in studies comparing crystalloid and colloid within a goal-directed therapy. British Journal of Anaesthesia, 2015, 114, 160-162.   | 3.4 | 1         |
| 48 | Gastrointestinal morbidity as primary outcome measure in studies comparing crystalloid and colloid within a goal-directed therapy. British Journal of Anaesthesia, 2015, 115, 128-129.   | 3.4 | 1         |
| 49 | Enhanced Recovery After Surgery (<sc>ERAS</sc>) for gastrointestinal surgery, part 1: pathophysiological considerations. Acta Anaesthesiologica Scandinavica, 2015, 59, 1212-1231.   | 1.6 | 306       |
| 50 | Upregulation of the kappa opioidergic system in left ventricular rat myocardium in response to volume overload. Pharmacological Research, 2015, 102, 33-41.  | 7.1 | 14        |
| 51 | Ultrastructural changes associated with myocardial apoptosis, in failing rat hearts induced by volume overload. International Journal of Cardiology, 2015, 197, 327-332.   | 1.7 | 17        |
| 52 | Surgery at primary versus relapsed epithelial ovarian cancer: a study on aspects of anaesthesiological management. Anticancer Research, 2015, 35, 1591-601.  | 1.1 | 4         |
| 53 | A Modified Approach to Induce Predictable Congestive Heart Failure by Volume Overload in Rats. PLoS ONE, 2014, 9, e87531.  | 2.5 | 19        |
| 54 | A rare case of ovarian cancer in pregnancy complicated by pulmonary embolus and myocardial infarction: management dilemmas. Journal of Surgical Case Reports, 2014, 2014, rju099-rju099.   | 0.4 | 1         |

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|----|--|-----|-----------|
| 55 | 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.                             | 1.0 | 47        |
| 56 | 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. | 2.5 | 11        |
| 57 | Influence of goal-directed therapy with balanced crystalloid“colloid or unbalanced crystalloid solution on base excess. <i>Journal of International Medical Research</i> , 2014, 42, 468-486.  | 1.0 | 9         |
| 58 | 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.             | 3.4 | 18        |
| 59 | Assessment of agreement and trending between haemodynamic monitors is still challenging. <i>Intensive Care Medicine</i> , 2014, 40, 767-767.   | 8.2 | 3         |
| 60 | 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. | 1.7 | 0         |
| 61 | 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.  | 2.5 | 19        |
| 62 | Balanced crystalloid compared with balanced colloid solution using a goal-directed haemodynamic algorithm. <i>British Journal of Anaesthesia</i> , 2013, 110, 231-240.   | 3.4 | 134       |
| 63 | Acetylcholinesterase Inhibitors Reduce Neuroinflammation and -Degeneration in the Cortex and Hippocampus of a Surgery Stress Rat Model. <i>PLoS ONE</i> , 2013, 8, e62679.   | 2.5 | 74        |
| 64 | Laparoscopic radical hysterectomy and lymph node dissection learning experience at campus Virchow - Charite. <i>Anticancer Research</i> , 2013, 33, 3449-53.   | 1.1 | 0         |
| 65 | 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.                                | 1.0 | 62        |
| 66 | 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.                                      | 1.5 | 36        |
| 67 | Low incidence of multiple organ failure after major trauma. <i>Injury</i> , 2007, 38, 1052-1058.   | 1.7 | 32        |
| 68 | 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         |
| 69 | 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         |