Koichi Suehiro

List of Publications by Year
in descending order

56	995	471509 17	477307 29
papers	citations	h-index	g-index

57	57	57	913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accuracy and precision of non-invasive cardiac output monitoring devices in perioperative medicine: a systematic review and meta-analysis. British Journal of Anaesthesia, 2017, 118, 298-310.	3.4	122
2	Stroke Volume Variation as a Predictor of Fluid Responsiveness in Patients Undergoing One-Lung Ventilation. Journal of Cardiothoracic and Vascular Anesthesia, 2010, 24, 772-775.	1.3	73
3	Influence of tidal volume for stroke volume variation to predict fluid responsiveness in patients undergoing one-lung ventilation. Journal of Anesthesia, 2011, 25, 777-780.	1.7	62
4	Systemic vascular resistance has an impact on the reliability of the Vigileo-FloTrac system in measuring cardiac output and tracking cardiac output changes. British Journal of Anaesthesia, 2013, 111, 170-177.	3.4	56
5	Goal-Directed fluid therapy with closed-loop assistance during moderate risk surgery using noninvasive cardiac output monitoring: A pilot study. British Journal of Anaesthesia, 2015, 114, 886-892.	3.4	55
6	Accuracy and precision of minimally-invasive cardiac output monitoring in children: a systematic review and meta-analysis. Journal of Clinical Monitoring and Computing, 2016, 30, 603-620.	1.6	53
7	Improved Performance of the Fourth-Generation FloTrac/Vigileo System for Tracking Cardiac Output Changes. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 656-662.	1.3	48
8	Impact of intraoperative goal-directed fluid therapy on major morbidity and mortality after transthoracic oesophagectomy: a multicentre, randomised controlled trial. British Journal of Anaesthesia, 2020, 125, 953-961.	3.4	34
9	The Vigileo-FloTracTM System: Arterial Waveform Analysis for Measuring Cardiac Output and Predicting Fluid Responsiveness: A Clinical Review. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 1361-1374.	1.3	31
10	Duration of cerebral desaturation time during single-lung ventilation correlates with mini mental state examination score. Journal of Anesthesia, 2011, 25, 345-349.	1.7	26
11	Pleth variability index can predict spinal anaesthesiaâ€induced hypotension in patients undergoing caesarean delivery. Acta Anaesthesiologica Scandinavica, 2018, 62, 75-84.	1.6	26
12	Brain Serotonin Content Regulates the Manifestation of Tramadol-induced Seizures in Rats. Anesthesiology, 2015, 122, 178-189.	2.5	24
13	Pre-anesthetic stroke volume variation can predict cardiac output decrease and hypotension during induction of general anesthesia. Journal of Clinical Monitoring and Computing, 2018, 32, 415-422.	1.6	22
14	Stroke Volume Variation as a Predictor of Fluid Responsiveness in Patients Undergoing Airway Pressure Release Ventilation. Anaesthesia and Intensive Care, 2012, 40, 767-772.	0.7	21
15	Transversus abdominis plane block in combination with general anesthesia provides better intraoperative hemodynamic control and quicker recovery than general anesthesia alone in high-risk abdominal surgery patients. Minerva Anestesiologica, 2012, 78, 1241-7.	1.0	21
16	Impact of non-invasive continuous blood pressure monitoring on maternal hypotension during cesarean delivery: a randomized-controlled study. Journal of Anesthesia, 2018, 32, 822-830.	1.7	20
17	Guiding Goal-Directed Therapy. Current Anesthesiology Reports, 2014, 4, 360-375.	2.0	19
18	Perioperative management of a neonate with Cantrell syndrome. Journal of Anesthesia, 2009, 23, 572-575.	1.7	16

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19	The ability of the Vigileo-FloTrac system to measure cardiac output and track cardiac output changes during one-lung ventilation. Journal of Clinical Monitoring and Computing, 2015, 29, 333-339.	1.6	16
20	The Impact of Intraoperative Hypothermia on Early Postoperative Adverse Events After Radical Esophagectomy for Cancer: A Retrospective Cohort Study. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 943-947.	1.3	14
21	Comparison of the venousâ€“arterial CO2 to arterialâ€“venous O2 content difference ratio with the venousâ€“arterial CO2 gradient for the predictability of adverse outcomes after cardiac surgery. Journal of Clinical Monitoring and Computing, 2020, 34, 41-53.	1.6	14
22	Changes in corrected carotid flow time induced by recruitment maneuver predict fluid responsiveness in patients undergoing general anesthesia. Journal of Clinical Monitoring and Computing, 2022, 36, 1069-1077.	1.6	14
23	Relationship between noradrenaline release in the locus coeruleus and antiallodynic efficacy of analgesics in rats with painful diabetic neuropathy. Life Sciences, 2013, 92, 1138-1144.	4.3	13
24	Transcutaneous near-infrared spectroscopy for monitoring spinal cord ischemia: an experimental study in swine. Journal of Clinical Monitoring and Computing, 2017, 31, 975-979.	1.6	13
25	Impact of continuous non-invasive blood pressure monitoring on hemodynamic fluctuation during general anesthesia: a randomized controlled study. Journal of Clinical Monitoring and Computing, 2018, 32, 1005-1013.	1.6	13
26	The utility of intra-operative three-dimensional transoesophageal echocardiography for dynamic measurement of stroke volume. Anaesthesia, 2015, 70, 150-159.	3.8	12
27	Continuous noninvasive hemoglobin monitoring. Current Opinion in Critical Care, 2015, 21, 265-270.	3.2	12
28	Hemodynamic monitoring and management in high-risk surgery: a survey among Japanese anesthesiologists. Journal of Anesthesia, 2016, 30, 526-529.	1.7	12
29	Anesthetic management using total intravenous anesthesia with remifentanil in a child with osteogenesis imperfecta. Journal of Anesthesia, 2009, 23, 123-125.	1.7	11
30	Protective effects of hydrogen gas against spinal cord ischemiaâ€“reperfusion injury. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, e269-e283.	0.8	11
31	Changes in stroke volume induced by lung recruitment maneuver can predict fluid responsiveness during intraoperative lung-protective ventilation in prone position. BMC Anesthesiology, 2021, 21, 303.	1.8	11
32	Discrepancy Between Superior Vena Cava Oxygen Saturation and Mixed Venous Oxygen Saturation Can Predict Postoperative Complications in Cardiac Surgery Patients. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 528-533.	1.3	10
33	Error grid analysis for risk management in the difference between invasive and noninvasive blood pressure measurements. Journal of Anesthesia, 2021, 35, 189-196.	1.7	10
34	Hemodynamic Changes via the Lung Recruitment Maneuver Can Predict Fluid Responsiveness in Stroke Volume and Arterial Pressure During One-Lung Ventilation. Anesthesia and Analgesia, 2021, 133, 44-52.	2.2	9
35	Cerebral Desaturation During Single-Lung Ventilation Is Negatively Correlated With Preoperative Respiratory Functions. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 127-130.	1.3	7
36	Protective effects of remote ischemic preconditioning against spinal cord ischemiaâ€“reperfusion injury in rats. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, e137-e156.	0.8	7

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37	Effect of Systemic Vascular Resistance on the Reliability of Noninvasive Hemodynamic Monitoring in Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1782-1791.	1.3	7
38	Preoperative Hydroperoxide Concentrations are Associated with an Increased Risk of Postoperative Complications after Cardiac Surgery. Anaesthesia and Intensive Care, 2014, 42, 487-494.	0.7	7
39	Anesthetic considerations in 65 patients undergoing unilateral pneumonectomy: problems related to fluid therapy and hemodynamic control. Journal of Clinical Anesthesia, 2010, 22, 41-44.	1.6	6
40	Impact of deep breathing on predictability of stroke volume variation in spontaneous breathing patients. Acta Anaesthesiologica Scandinavica, 2020, 64, 648-655.	1.6	6
41	Spikeâ€monitoring of anaesthesia for corpus callosotomy using bilateral bispectral index. Anaesthesia, 2009, 64, 776-780.	3.8	5
42	Hydroxyethyl starch 130/0.4 versus crystalloid co-loading during general anesthesia induction: a randomized controlled trial. Journal of Anesthesia, 2017, 31, 878-884.	1.7	4
43	Update on the assessment of fluid responsiveness. Journal of Anesthesia, 2020, 34, 163-166.	1.7	4
44	Landiolol attenuates cardiovascular response at induction of general anesthesia for cesarean delivery. Journal of Anesthesia, 2012, 26, 200-205.	1.7	3
45	Next Generation of Method-Comparison Studies. Critical Care Medicine, 2015, 43, e468-e469.	0.9	3
46	Preoperative assessment for scheduling surgery during the coronavirus disease pandemic. Journal of Anesthesia, 2021, 35, 378-383.	1.7	3
47	Validation of Continuous Noninvasive Blood Pressure Monitoring Using Error Grid Analysis. Anesthesia and Analgesia, 2022, 134, 773-780.	2.2	3
48	Impact of advanced monitoring variables on intraoperative clinical decision-making: an international survey. Journal of Clinical Monitoring and Computing, 2017, 31, 205-212.	1.6	2
49	Participation of the descending noradrenergic inhibitory system in the anti-hyperalgesic effect of acetaminophen in a rat model of inflammation. Life Sciences, 2021, 286, 120030.	4.3	2
50	Assessing fluid responsiveness during spontaneous breathing. Journal of Anesthesia, 2022, 36, 579-582.	1.7	2
51	Duration of Cerebral Desaturation Time During Single-Lung Ventilation Correlates With Mini Mental State Examination Score. Survey of Anesthesiology, 2012, 56, 244.	0.1	0
52	Detection of Left Ventricular Dysfunction Using Early Diastolic Mitral Annular Velocity in Patients Undergoing Mitral Valve Repair for Mitral Regurgitation. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 25-30.	1.3	0
53	Perioperative Cardiac Output Monitoring Utilizing Non-pulse Contour Methods. Current Anesthesiology Reports, 2017, 7, 399-409.	2.0	0
54	Current Practice in Goal-Directed Therapy Protocol among Japanese Anesthesiologistsï¼šA Survey about Hemodynamic Monitoring and Management in High-risk Surgery. The Journal of Japan Society for Clinical Anesthesia, 2017, 37, 211-218.	0.0	0

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55	The Sum of Early Diastolic Annulus Velocities in the Mitral and Tricuspid Valve Can Predict Adverse Events After Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 149-156.	1.3	0
56	Reply to the letter. Journal of Anesthesia, 2019, 33, 166-166.	1.7	0