

Koichi Suehiro

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

995
citations

471509

17
h-index

477307

29
g-index

57
all docs

57
docs citations

57
times ranked

913
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effects of remote ischemic preconditioning against spinal cord ischemiaâ€“reperfusion injury in rats. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e137-e156.	0.8	7
2	Protective effects of hydrogen gas against spinal cord ischemiaâ€“reperfusion injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, e269-e283.	0.8	11
3	Changes in corrected carotid flow time induced by recruitment maneuver predict fluid responsiveness in patients undergoing general anesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1069-1077.	1.6	14
4	Validation of Continuous Noninvasive Blood Pressure Monitoring Using Error Grid Analysis. <i>Anesthesia and Analgesia</i> , 2022, 134, 773-780.	2.2	3
5	Assessing fluid responsiveness during spontaneous breathing. <i>Journal of Anesthesia</i> , 2022, 36, 579-582.	1.7	2
6	Effect of Systemic Vascular Resistance on the Reliability of Noninvasive Hemodynamic Monitoring in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1782-1791.	1.3	7
7	Preoperative assessment for scheduling surgery during the coronavirus disease pandemic. <i>Journal of Anesthesia</i> , 2021, 35, 378-383.	1.7	3
8	Hemodynamic Changes via the Lung Recruitment Maneuver Can Predict Fluid Responsiveness in Stroke Volume and Arterial Pressure During One-Lung Ventilation. <i>Anesthesia and Analgesia</i> , 2021, 133, 44-52.	2.2	9
9	Error grid analysis for risk management in the difference between invasive and noninvasive blood pressure measurements. <i>Journal of Anesthesia</i> , 2021, 35, 189-196.	1.7	10
10	Participation of the descending noradrenergic inhibitory system in the anti-hyperalgesic effect of acetaminophen in a rat model of inflammation. <i>Life Sciences</i> , 2021, 286, 120030.	4.3	2
11	Changes in stroke volume induced by lung recruitment maneuver can predict fluid responsiveness during intraoperative lung-protective ventilation in prone position. <i>BMC Anesthesiology</i> , 2021, 21, 303.	1.8	11
12	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. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 41-53.	1.6	14
13	Update on the assessment of fluid responsiveness. <i>Journal of Anesthesia</i> , 2020, 34, 163-166.	1.7	4
14	Impact of deep breathing on predictability of stroke volume variation in spontaneous breathing patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 648-655.	1.6	6
15	Impact of intraoperative goal-directed fluid therapy on major morbidity and mortality after transthoracic oesophagectomy: a multicentre, randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2020, 125, 953-961.	3.4	34
16	The Sum of Early Diastolic Annulus Velocities in the Mitral and Tricuspid Valve Can Predict Adverse Events After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 149-156.	1.3	0
17	Reply to the letter. <i>Journal of Anesthesia</i> , 2019, 33, 166-166.	1.7	0
18	Impact of continuous non-invasive blood pressure monitoring on hemodynamic fluctuation during general anesthesia: a randomized controlled study. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 1005-1013.	1.6	13

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19	Pre-anesthetic stroke volume variation can predict cardiac output decrease and hypotension during induction of general anesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 415-422.	1.6	22
20	Pleth variability index can predict spinal anaesthesia-induced hypotension in patients undergoing caesarean delivery. <i>Acta Anaesthesiologica Scandinavica</i> , 2018, 62, 75-84.	1.6	26
21	Impact of non-invasive continuous blood pressure monitoring on maternal hypotension during cesarean delivery: a randomized-controlled study. <i>Journal of Anesthesia</i> , 2018, 32, 822-830.	1.7	20
22	Impact of advanced monitoring variables on intraoperative clinical decision-making: an international survey. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 205-212.	1.6	2
23	Accuracy and precision of non-invasive cardiac output monitoring devices in perioperative medicine: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2017, 118, 298-310.	3.4	122
24	Perioperative Cardiac Output Monitoring Utilizing Non-pulse Contour Methods. <i>Current Anesthesiology Reports</i> , 2017, 7, 399-409.	2.0	0
25	Hydroxyethyl starch 130/0.4 versus crystalloid co-loading during general anesthesia induction: a randomized controlled trial. <i>Journal of Anesthesia</i> , 2017, 31, 878-884.	1.7	4
26	Transcutaneous near-infrared spectroscopy for monitoring spinal cord ischemia: an experimental study in swine. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 975-979.	1.6	13
27	Current Practice in Goal-Directed Therapy Protocol among Japanese Anesthesiologists: A Survey about Hemodynamic Monitoring and Management in High-risk Surgery. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2017, 37, 211-218.	0.0	0
28	Hemodynamic monitoring and management in high-risk surgery: a survey among Japanese anesthesiologists. <i>Journal of Anesthesia</i> , 2016, 30, 526-529.	1.7	12
29	Accuracy and precision of minimally-invasive cardiac output monitoring in children: a systematic review and meta-analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 603-620.	1.6	53
30	The utility of intra-operative three-dimensional transoesophageal echocardiography for dynamic measurement of stroke volume. <i>Anaesthesia</i> , 2015, 70, 150-159.	3.8	12
31	Brain Serotonin Content Regulates the Manifestation of Tramadol-induced Seizures in Rats. <i>Anesthesiology</i> , 2015, 122, 178-189.	2.5	24
32	Next Generation of Method-Comparison Studies. <i>Critical Care Medicine</i> , 2015, 43, e468-e469.	0.9	3
33	Continuous noninvasive hemoglobin monitoring. <i>Current Opinion in Critical Care</i> , 2015, 21, 265-270.	3.2	12
34	Improved Performance of the Fourth-Generation FloTrac/Vigileo System for Tracking Cardiac Output Changes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 656-662.	1.3	48
35	The ability of the Vigileo-FloTrac system to measure cardiac output and track cardiac output changes during one-lung ventilation. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 333-339.	1.6	16
36	Goal-Directed fluid therapy with closed-loop assistance during moderate risk surgery using noninvasive cardiac output monitoring: A pilot study. <i>British Journal of Anaesthesia</i> , 2015, 114, 886-892.	3.4	55

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37	Guiding Goal-Directed Therapy. <i>Current Anesthesiology Reports</i> , 2014, 4, 360-375.	2.0	19
38	The Vigileo-FloTrac™ System: Arterial Waveform Analysis for Measuring Cardiac Output and Predicting Fluid Responsiveness: A Clinical Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 1361-1374.	1.3	31
39	The Impact of Intraoperative Hypothermia on Early Postoperative Adverse Events After Radical Esophagectomy for Cancer: A Retrospective Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 943-947.	1.3	14
40	Detection of Left Ventricular Dysfunction Using Early Diastolic Mitral Annular Velocity in Patients Undergoing Mitral Valve Repair for Mitral Regurgitation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 25-30.	1.3	0
41	Discrepancy Between Superior Vena Cava Oxygen Saturation and Mixed Venous Oxygen Saturation Can Predict Postoperative Complications in Cardiac Surgery Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 528-533.	1.3	10
42	Preoperative Hydroperoxide Concentrations are Associated with an Increased Risk of Postoperative Complications after Cardiac Surgery. <i>Anaesthesia and Intensive Care</i> , 2014, 42, 487-494.	0.7	7
43	Relationship between noradrenaline release in the locus coeruleus and antiallodynic efficacy of analgesics in rats with painful diabetic neuropathy. <i>Life Sciences</i> , 2013, 92, 1138-1144.	4.3	13
44	Systemic vascular resistance has an impact on the reliability of the Vigileo-FloTrac system in measuring cardiac output and tracking cardiac output changes. <i>British Journal of Anaesthesia</i> , 2013, 111, 170-177.	3.4	56
45	Duration of Cerebral Desaturation Time During Single-Lung Ventilation Correlates With Mini Mental State Examination Score. <i>Survey of Anesthesiology</i> , 2012, 56, 244.	0.1	0
46	Stroke Volume Variation as a Predictor of Fluid Responsiveness in Patients Undergoing Airway Pressure Release Ventilation. <i>Anaesthesia and Intensive Care</i> , 2012, 40, 767-772.	0.7	21
47	Landiolol attenuates cardiovascular response at induction of general anesthesia for cesarean delivery. <i>Journal of Anesthesia</i> , 2012, 26, 200-205.	1.7	3
48	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. <i>Minerva Anestesiologica</i> , 2012, 78, 1241-7.	1.0	21
49	Cerebral Desaturation During Single-Lung Ventilation Is Negatively Correlated With Preoperative Respiratory Functions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011, 25, 127-130.	1.3	7
50	Duration of cerebral desaturation time during single-lung ventilation correlates with mini mental state examination score. <i>Journal of Anesthesia</i> , 2011, 25, 345-349.	1.7	26
51	Influence of tidal volume for stroke volume variation to predict fluid responsiveness in patients undergoing one-lung ventilation. <i>Journal of Anesthesia</i> , 2011, 25, 777-780.	1.7	62
52	Anesthetic considerations in 65 patients undergoing unilateral pneumonectomy: problems related to fluid therapy and hemodynamic control. <i>Journal of Clinical Anesthesia</i> , 2010, 22, 41-44.	1.6	6
53	Stroke Volume Variation as a Predictor of Fluid Responsiveness in Patients Undergoing One-Lung Ventilation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2010, 24, 772-775.	1.3	73
54	Anesthetic management using total intravenous anesthesia with remifentanyl in a child with osteogenesis imperfecta. <i>Journal of Anesthesia</i> , 2009, 23, 123-125.	1.7	11

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55	Perioperative management of a neonate with Cantrell syndrome. <i>Journal of Anesthesia</i> , 2009, 23, 572-575.	1.7	16
56	Spikeâ€monitoring of anaesthesia for corpus callosotomy using bilateral bispectral index. <i>Anaesthesia</i> , 2009, 64, 776-780.	3.8	5