

# Toshiya Shiga

## List of Publications by Citations

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59  
papers

1,920  
citations

14  
h-index

43  
g-index

59  
ext. papers

2,226  
ext. citations

2.9  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
59	Predicting difficult intubation in apparently normal patients: a meta-analysis of bedside screening test performance. <i>Anesthesiology</i> , <b>2005</b> , 103, 429-37	4.3	603
58	Is operative delay associated with increased mortality of hip fracture patients? Systematic review, meta-analysis, and meta-regression. <i>Canadian Journal of Anaesthesia</i> , <b>2008</b> , 55, 146-54	3	423
57	Diagnostic accuracy of transesophageal echocardiography, helical computed tomography, and magnetic resonance imaging for suspected thoracic aortic dissection: systematic review and meta-analysis. <i>Archives of Internal Medicine</i> , <b>2006</b> , 166, 1350-6		325
56	Magnesium prophylaxis for arrhythmias after cardiac surgery: a meta-analysis of randomized controlled trials. <i>American Journal of Medicine</i> , <b>2004</b> , 117, 325-33	2.4	98
55	Aprotinin in major orthopedic surgery: a systematic review of randomized controlled trials. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 101, 1602-1607	3.9	37
54	Novel identification of the free fatty acid receptor FFAR1 that promotes contraction in airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 309, L970-82	5.8	33
53	Videolaryngoscope versus Macintosh laryngoscope for tracheal intubation in adults with obesity: A systematic review and meta-analysis. <i>Journal of Clinical Anesthesia</i> , <b>2018</b> , 44, 69-75	1.9	31
52	The effects of diltiazem on hemodynamics and seizure duration during electroconvulsive therapy. <i>Anesthesia and Analgesia</i> , <b>2001</b> , 92, 1327-30	3.9	27
51	Propofol decreases myofilament Ca <sup>2+</sup> sensitivity via a protein kinase C-, nitric oxide synthase-dependent pathway in diabetic cardiomyocytes. <i>Anesthesiology</i> , <b>2006</b> , 104, 978-87	4.3	19
50	Intravenous verapamil blunts hyperdynamic responses during electroconvulsive therapy without altering seizure activity. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 400-2, table of contents	3.9	19
49	Intravenous Verapamil Blunts Hyperdynamic Responses During Electroconvulsive Therapy Without Altering Seizure Activity. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 400-402	3.9	17
48	McGrath videolaryngoscope versus Macintosh laryngoscope for tracheal intubation: A systematic review and meta-analysis with trial sequential analysis. <i>Journal of Clinical Anesthesia</i> , <b>2018</b> , 46, 25-32	1.9	16
47	Incidence of postoperative shivering comparing remifentanyl with other opioids: a meta-analysis. <i>Journal of Clinical Anesthesia</i> , <b>2016</b> , 32, 300-12	1.9	15
46	Do induced hypertension and hypotension affect stroke volume variation in man?. <i>Journal of Clinical Anesthesia</i> , <b>2012</b> , 24, 207-11	1.9	15
45	C-MAC videolaryngoscope versus Macintosh laryngoscope for tracheal intubation: A systematic review and meta-analysis with trial sequential analysis. <i>Journal of Clinical Anesthesia</i> , <b>2018</b> , 49, 53-62	1.9	14
44	Weekend versus weekday admission and short-term mortality: A meta-analysis of 88 cohort studies including 56,934,649 participants. <i>Medicine (United States)</i> , <b>2017</b> , 96, e6685	1.8	14
43	Assessment of the effect of rapid crystalloid infusion on stroke volume variation and pleth variability index after a preoperative fast. <i>Journal of Clinical Monitoring and Computing</i> , <b>2010</b> , 24, 385-9	2	14

42	Propofol modulates Na <sup>+</sup> -Ca <sup>2+</sup> exchange activity via activation of protein kinase C in diabetic cardiomyocytes. <i>Anesthesiology</i> , <b>2007</b> , 106, 302-11	4.3	13
41	Intravenous colforsin daropate, a water-soluble forskolin derivative, prevents thiamylal-fentanyl-induced bronchoconstriction in humans. <i>Critical Care Medicine</i> , <b>2002</b> , 30, 820-6	1.4	12
40	Oral Tizanidine, an $\alpha$ -Adrenoceptor Agonist, Reduces the Minimum Alveolar Concentration of Sevoflurane in Human Adults. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 393-396	3.9	12
39	Nitrous oxide produces minimal hemodynamic changes in patients receiving a propofol-based anesthetic: an esophageal Doppler ultrasound study. <i>Canadian Journal of Anaesthesia</i> , <b>2003</b> , 50, 649-52	3	10
38	Survey of observer variation in transesophageal echocardiography: comparison of anesthesiology and cardiology literature. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2003</b> , 17, 430-42	2.1	10
37	Propofol increases contractility during alpha1a-adrenoreceptor activation in adult rat cardiomyocytes. <i>Anesthesiology</i> , <b>2005</b> , 103, 335-43	4.3	10
36	Pneumoperitoneum affects stroke volume variation in humans. <i>Journal of Anesthesia</i> , <b>2015</b> , 29, 508-14	2.2	9
35	Influence of intraoperative conversion from off-pump to on-pump coronary artery bypass grafting on costs and quality of life: a cost-effectiveness analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2007</b> , 21, 793-9	2.1	9
34	Effects of oral hygiene using chlorhexidine on preventing ventilator-associated pneumonia in critical-care settings: A meta-analysis of randomized controlled trials. <i>Journal of Dental Sciences</i> , <b>2013</b> , 8, 348-357	2.5	8
33	Intravenous landiolol, a novel $\beta$ <sub>1</sub> -adrenergic blocker, reduces the minimum alveolar concentration of sevoflurane in women. <i>Journal of Clinical Anesthesia</i> , <b>2011</b> , 23, 292-6	1.9	8
32	Intravenous nicorandil prevents thiamylal-fentanyl-induced bronchoconstriction in humans. <i>Critical Care Medicine</i> , <b>2003</b> , 31, 485-90	1.4	8
31	Minor cardiac troponin T release in patients undergoing coronary artery bypass graft surgery on a beating heart. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2000</b> , 14, 151-5	2.1	8
30	Association of hospital and surgeon volume with mortality following major surgical procedures: Meta-analysis of meta-analyses of observational studies. <i>Medicine (United States)</i> , <b>2019</b> , 98, e17712	1.8	8
29	Insertion of the transesophageal echocardiography probe via endoscopy mask. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 561-3, table of contents	3.9	7
28	Airtraq <sup>®</sup> reduces the hemodynamic response to tracheal intubation using single-lumen tubes in adults compared with the Macintosh laryngoscope: A systematic review and meta-analysis of randomized control trials. <i>Journal of Clinical Anesthesia</i> , <b>2018</b> , 47, 86-94	1.9	6
27	Prophylactic continuous administration of landiolol, a novel $\beta$ <sub>1</sub> blocker, blunts hyperdynamic responses during electroconvulsive therapy without altering seizure activity. <i>International Journal of Psychiatry in Clinical Practice</i> , <b>2010</b> , 14, 132-6	2.4	6
26	Does intravenous landiolol, a $\beta$ <sub>1</sub> -adrenergic blocker, affect stroke volume variation?. <i>Journal of Anesthesia</i> , <b>2013</b> , 27, 890-4	2.2	5
25	Vigilance of hemodynamic changes immediately after transferring patients is crucial. <i>Journal of Anesthesia</i> , <b>2013</b> , 27, 521-7	2.2	5

24	Transesophageal echocardiographic evaluation during negative-pressure ventilation using the Hayek oscillator. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>1998</b> , 12, 527-32	2.1	5
23	Predicting Difficult Intubation. <i>Anesthesiology</i> , <b>2006</b> , 104, 618-619	4.3	5
22	Effect of prophylactic bronchodilator treatment with intravenous colforsin daropate, a water-soluble forskolin derivative, on airway resistance after tracheal intubation. <i>Anesthesiology</i> , <b>2003</b> , 99, 18-26	4.3	5
21	Droperidol inhibits intracellular Ca <sup>2+</sup> , myofilament Ca <sup>2+</sup> sensitivity, and contraction in rat ventricular myocytes. <i>Anesthesiology</i> , <b>2005</b> , 102, 1165-73	4.3	4
20	Airtraq <sup>®</sup> is superior to the Macintosh laryngoscope for tracheal intubation: Systematic review with trial sequential analysis. <i>American Journal of Emergency Medicine</i> , <b>2019</b> , 37, 1367-1368	2.9	4
19	Intravenous alprostadil, an analog of prostaglandin E1, prevents thiamylal-fentanyl-induced bronchoconstriction in humans. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 97, 456-460	3.9	3
18	Insertion of the Transesophageal Echocardiography Probe via Endoscopy Mask. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 561-563	3.9	3
17	Efficacy of prophylactic doses of intravenous nitroglycerin in preventing myocardial ischemia under general anesthesia: A systematic review and meta-analysis with trial sequential analysis. <i>Journal of Clinical Anesthesia</i> , <b>2017</b> , 40, 16-22	1.9	2
16	An Update in Meta-Analysis : Multiple Treatment Comparison. <i>The Journal of Japan Society for Clinical Anesthesia</i> , <b>2016</b> , 36, 72-78	0	2
15	Bolus administration of ephedrine and etilefrine induces transient vasodilation just after injection in combined epidural and general anesthesia patients: A randomized clinical study. <i>BioScience Trends</i> , <b>2018</b> , 12, 382-388	9.9	2
14	Thoracic epidural blockade preserves left ventricular early diastolic filling assessed by transesophageal echocardiography. <i>Journal of Anesthesia</i> , <b>1998</b> , 12, 7-12	2.2	2
13	Five-grade scoring system is still confusing: does ASE/SCA set up a double standard?. <i>Anesthesia and Analgesia</i> , <b>2000</b> , 90, 1248-9	3.9	2
12	Incidence of Long-term Post-acute Sequelae of SARS-CoV-2 Infection Related to Pain and Other Symptoms: A Living Systematic Review and Meta-analysis		2
11	Does pneumoperitoneum affect perfusion index and pleth variability index in patients receiving combined epidural and general anesthesia?. <i>BioScience Trends</i> , <b>2018</b> , 11, 667-674	9.9	1
10	Prophylactic nebulized lidocaine attenuates hyperdynamic response to abrupt mask inhalation of isoflurane in adults. <i>Journal of Clinical Anesthesia</i> , <b>2004</b> , 16, 493-8	1.9	1
9	Local cardiac wall stabilization influences the reproducibility of regional wall motion during off-pump coronary artery pass surgery. <i>Journal of Clinical Monitoring and Computing</i> , <b>2000</b> , 16, 25-31	2	1
8	Use of the GlideScope does not lower the hemodynamic response to tracheal intubation more than the Macintosh laryngoscope: a systematic review and meta-analysis. <i>Medicine (United States)</i> , <b>2020</b> , 99, e23345	1.8	1
7	Effects of intrathecal opioids on cesarean section: a systematic review and Bayesian network meta-analysis of randomized controlled trials. <i>Journal of Anesthesia</i> , <b>2021</b> , 35, 911-927	2.2	1

- 6 Multicentre prospective observational study of sodium-glucose cotransporter-2 inhibitor-associated postoperative ketoacidosis: the SAPKA study protocol. *BMJ Open*, **2021**, 11, e049592<sup>3</sup> ○
- 5 Comparison of Hemodynamic Responses to Administration of Vasopressin and Norepinephrine Under General Anesthesia: A Systematic Review and Meta-analysis of Randomized Controlled Trials with Trial Sequential Analysis. *Journal of Cardiothoracic and Vascular Anesthesia*, **2021**, 35, 61-69 2.1 ○
- 4 Does intravenous atropine affect stroke volume variation in man?. *Acta Anaesthesiologica Taiwanica*, **2015**, 53, 85-8
- 3 Effect of Esmolol on Runs of Atrial Premature Beats in a Patient Undergoing Rigid Head Pin Fixation. *The Journal of Japan Society for Clinical Anesthesia*, **2006**, 26, 203-206 ○
- 2 Airtraq<sup>®</sup> versus GlideScope<sup>®</sup> for tracheal intubation in adults: a systematic review and meta-analysis with trial sequential analysis.. *Canadian Journal of Anaesthesia*, **2022**, 1 3
- 1 Is ANOVA Dead? - Statistical Methods Recommended for Anesthesiologists. *The Journal of Japan Society for Clinical Anesthesia*, **2021**, 41, 622-629 ○