

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

1,304
citations

19
h-index

31
g-index

110
ext. papers

1,658
ext. citations

4
avg, IF

4.4
L-index

#	Paper	IF	Citations
102	Efficacy of intraoperative dexmedetomidine infusion on emergence agitation and quality of recovery after nasal surgery. <i>British Journal of Anaesthesia</i> , 2013 , 111, 222-8	5.4	97
101	Development and Validation of a Deep Learning System for Staging Liver Fibrosis by Using Contrast Agent-enhanced CT Images in the Liver. <i>Radiology</i> , 2018 , 289, 688-697	20.5	87
100	Perioperative administration of pregabalin for pain after robot-assisted endoscopic thyroidectomy: a randomized clinical trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 2776-81	5.2	61
99	Comparison of the effects of normal saline versus Plasmalyte on acid-base balance during living donor kidney transplantation using the Stewart and base excess methods. <i>Transplantation Proceedings</i> , 2013 , 45, 2191-6	1.1	56
98	Pregabalin reduces post-operative pain after mastectomy: a double-blind, randomized, placebo-controlled study. <i>Acta Anaesthesiologica Scandinavica</i> , 2011 , 55, 290-6	1.9	53
97	Ultrasound measurement of subglottic diameter and an empirical formula for proper endotracheal tube fitting in children. <i>Acta Anaesthesiologica Scandinavica</i> , 2013 , 57, 1124-30	1.9	46
96	Comparison of the tuberculin skin test and interferon- γ release assay for the diagnosis of latent tuberculosis infection before kidney transplantation. <i>Infection</i> , 2013 , 41, 103-10	5.8	39
95	Association between vitamin D deficiency and tuberculosis in a Korean population. <i>International Journal of Tuberculosis and Lung Disease</i> , 2014 , 18, 73-8	2.1	37
94	Low-dose dexmedetomidine reduces emergence agitation after desflurane anaesthesia in children undergoing strabismus surgery. <i>Yonsei Medical Journal</i> , 2014 , 55, 508-16	3	35
93	Effect of dexmedetomidine on sevoflurane requirements and emergence agitation in children undergoing ambulatory surgery. <i>Yonsei Medical Journal</i> , 2014 , 55, 209-15	3	33
92	Comparison of intrathecal fentanyl and sufentanil in low-dose dilute bupivacaine spinal anaesthesia for transurethral prostatectomy. <i>British Journal of Anaesthesia</i> , 2009 , 103, 750-4	5.4	33
91	Abdominal tuberculous lymphadenopathy: MR imaging findings. <i>Abdominal Imaging</i> , 2000 , 25, 627-32		33
90	Effect of propofol post-treatment on blood-brain barrier integrity and cerebral edema after transient cerebral ischemia in rats. <i>Neurochemical Research</i> , 2013 , 38, 2276-86	4.6	32
89	Postoperative intravenous patient-controlled analgesia in thyroid surgery: comparison of fentanyl and ondansetron regimens with and without the nonsteroidal anti-inflammatory drug ketorolac. <i>Thyroid</i> , 2008 , 18, 1285-90	6.2	30
88	The effects of single-dose dexamethasone on inflammatory response and pain after uterine artery embolisation for symptomatic fibroids or adenomyosis: a randomised controlled study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016 , 123, 580-7	3.7	27
87	The responses of multiple cytokines following incubation of whole blood from TB patients, latently infected individuals and controls with the TB antigens ESAT-6, CFP-10 and TB7.7. <i>Scandinavian Journal of Immunology</i> , 2012 , 76, 580-6	3.4	26
86	Comparison of the efficacy of dexmedetomidine plus fentanyl patient-controlled analgesia with fentanyl patient-controlled analgesia for pain control in uterine artery embolization for symptomatic fibroid tumors or adenomyosis: a prospective, randomized study. <i>Journal of Vascular and Interventional Radiology</i> , 2013 , 24, 773-86	2.4	20

85	Postoperative Pain and Intravenous Patient-Controlled Analgesia-Related Adverse Effects in Young and Elderly Patients: A Retrospective Analysis of 10,575 Patients. <i>Medicine (United States)</i> , 2015 , 94, e2008	1.8	20
84	Effects of Postoperative Pain Management on Immune Function After Laparoscopic Resection of Colorectal Cancer: A Randomized Study. <i>Medicine (United States)</i> , 2016 , 95, e3602	1.8	20
83	Evaluation of radial and ulnar blood flow after radial artery cannulation with 20- and 22-gauge cannulae using duplex Doppler ultrasound. <i>Anaesthesia</i> , 2012 , 67, 1138-45	6.6	19
82	Erythropoietin Attenuates Postoperative Cognitive Dysfunction by Shifting Macrophage Activation toward the M2 Phenotype. <i>Frontiers in Pharmacology</i> , 2017 , 8, 839	5.6	18
81	Intranasal Administration of Interleukin-1 Receptor Antagonist in a Transient Focal Cerebral Ischemia Rat Model. <i>Biomolecules and Therapeutics</i> , 2017 , 25, 149-157	4.2	18
80	Postoperative pain and patient-controlled epidural analgesia-related adverse effects in young and elderly patients: a retrospective analysis of 2,435 patients. <i>Journal of Pain Research</i> , 2017 , 10, 897-904	2.9	17
79	Hyperglycemia attenuates myocardial preconditioning of remifentanyl. <i>Journal of Surgical Research</i> , 2012 , 174, 231-7	2.5	17
78	Preoperative greater occipital nerve block in total thyroidectomy patients can reduce postoperative occipital headache and posterior neck pain. <i>Thyroid</i> , 2006 , 16, 599-603	6.2	17
77	Isoflurane preconditioning inhibits the effects of tissue-type plasminogen activator on brain endothelial cell in an model of ischemic stroke. <i>International Journal of Medical Sciences</i> , 2017 , 14, 425-437	3.7	16
76	c-Cbl shRNA-expressing adenovirus sensitizes TRAIL-induced apoptosis in prostate cancer DU-145 through increases of DR4/5. <i>Cancer Gene Therapy</i> , 2013 , 20, 82-7	5.4	16
75	Effect of dexmedetomidine on the corrected QT and Tp-e intervals during spinal anesthesia. <i>Yonsei Medical Journal</i> , 2014 , 55, 517-22	3	14
74	Effect of isoflurane post-treatment on tPA-exaggerated brain injury in a rat ischemic stroke model. <i>Korean Journal of Anesthesiology</i> , 2015 , 68, 281-6	3.8	13
73	Microsurgical efficacy and safety of a right-hemispheric approach for unruptured anterior communicating artery aneurysms. <i>Clinical Neurology and Neurosurgery</i> , 2015 , 137, 62-6	2	12
72	Surgical outcomes after classifying Grade III arteriovenous malformations according to Lawton® modified Spetzler-Martin grading system. <i>Clinical Neurology and Neurosurgery</i> , 2014 , 124, 72-80	2	12
71	Comparisons of Pressure-controlled Ventilation with Volume Guarantee and Volume-controlled 1:1 Equal Ratio Ventilation on Oxygenation and Respiratory Mechanics during Robot-assisted Laparoscopic Radical Prostatectomy: a Randomized-controlled Trial. <i>International Journal of Medical Sciences</i> , 2018 , 15, 1522-1529	3.7	12
70	Apoptosis Signal-regulating Kinase 1 Silencing on Astroglial Inflammasomes in an Experimental Model of Ischemic Stroke. <i>Neuroscience</i> , 2018 , 390, 218-230	3.9	12
69	Effect of Diabetes Mellitus on Acute Kidney Injury after Minimally Invasive Partial Nephrectomy: A Case-Matched Retrospective Analysis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	11
68	The Anti-inflammatory Effects of Agmatine on Transient Focal Cerebral Ischemia in Diabetic Rats. <i>Journal of Neurosurgical Anesthesiology</i> , 2016 , 28, 203-13	3	11

67	Synergistic activation of lipopolysaccharide-stimulated glial cells by propofol. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 438, 420-6	3.4	11
66	Effect of Dexmedetomidine on Heart Rate-Corrected QT and Tpeak-Tend Intervals During Robot-Assisted Laparoscopic Prostatectomy With Steep Trendelenburg Position: A Prospective, Randomized, Double-Blinded, Controlled Study. <i>Medicine (United States)</i> , 2016 , 95, e3645	1.8	11
65	Prognostic Value of Systemic Inflammatory Indices, NLR, PLR, and MPV, for Predicting 1-Year Survival of Patients Undergoing Cytoreductive Surgery with HIPEC. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	10
64	Bispectral index monitoring during anesthesiologist-directed propofol and remifentanyl sedation for endoscopic submucosal dissection: a prospective randomized controlled trial. <i>Yonsei Medical Journal</i> , 2014 , 55, 1421-9	3	10
63	Perioperative respiratory adverse events in children with active upper respiratory tract infection who received general anesthesia through an orotracheal tube and inhalation agents. <i>Korean Journal of Anesthesiology</i> , 2013 , 65, 136-41	3.8	10
62	Isoflurane Postconditioning Inhibits tPA-Induced Matrix Metalloproteinases Activation After Hypoxic Injury via Low-Density Lipoprotein Receptor-Related Protein and Extracellular Signal-Regulated Kinase Pathway. <i>Neurochemical Research</i> , 2017 , 42, 1533-1542	4.6	9
61	Ideal clipping methods for unruptured middle cerebral artery bifurcation aneurysms based on aneurysmal neck classification. <i>Neurosurgical Review</i> , 2016 , 39, 215-23; discussion 223-4	3.9	9
60	Effect of pulse pressure on the predictability of stroke volume variation for fluid responsiveness in patients with coronary disease. <i>Journal of Critical Care</i> , 2013 , 28, 318.e1-7	4	9
59	Beneficial effect of intravenous magnesium during endoscopic submucosal dissection for gastric neoplasm. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 3795-802	5.2	9
58	Conversion rates of an interferon- γ release assay and the tuberculin skin test in the serial monitoring of healthcare workers. <i>Infection</i> , 2013 , 41, 511-6	5.8	9
57	Elderly Patients Require Higher Doses of Sugammadex for Rapid Recovery from Deep Neuromuscular Block. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 118, 462-7	3.1	9
56	Activated leucocyte cell adhesion molecule (ALCAM/CD166) regulates T cell responses in a murine model of food allergy. <i>Clinical and Experimental Immunology</i> , 2018 , 192, 151-164	6.2	8
55	Selective spinal anesthesia using 1 mg of bupivacaine with opioid in elderly patients for transurethral resection of prostate. <i>Yonsei Medical Journal</i> , 2015 , 56, 535-42	3	8
54	Heart rate variability as a predictor of hypotension after spinal anesthesia in hypertensive patients. <i>Korean Journal of Anesthesiology</i> , 2013 , 65, 317-21	3.8	8
53	Scopolamine promotes neuroinflammation and delirium-like neuropsychiatric disorder in mice. <i>Scientific Reports</i> , 2021 , 11, 8376	4.9	7
52	Treatment of latent tuberculous infection among health care workers at a tertiary hospital in Korea. <i>International Journal of Tuberculosis and Lung Disease</i> , 2018 , 22, 1336-1343	2.1	7
51	Effect of ulinastatin on postoperative renal function in patients undergoing robot-assisted laparoscopic partial nephrectomy: a randomized trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017 , 31, 3728-3736	5.2	6
50	Inflammasome and Cognitive Symptoms in Human Diseases: Biological Evidence from Experimental Research. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6

49	Efficacy of Intravenous Lidocaine During Endoscopic Submucosal Dissection for Gastric Neoplasm: A Randomized, Double-Blind, Controlled Study. <i>Medicine (United States)</i> , 2016 , 95, e3593	1.8	6
48	Predictive Value of Echocardiographic Abnormalities and the Impact of Diastolic Dysfunction on In-hospital Major Cardiovascular Complications after Living Donor Kidney Transplantation. <i>International Journal of Medical Sciences</i> , 2016 , 13, 620-8	3.7	6
47	Modelling of the Effect of End-Tidal Carbon Dioxide on Cerebral Oxygen Saturation in Beach Chair Position under General Anaesthesia. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 119, 85-92	3.1	6
46	Development of a risk scoring system for predicting acute kidney injury after minimally invasive partial and radical nephrectomy: a retrospective study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 35, 1626-1635	5.2	6
45	Preoperative Carbohydrate Drinks Do Not Decrease Postoperative Nausea and Vomiting in Type 2 Diabetic Patients Undergoing Total Knee Arthroplasty-A Randomized Controlled Trial. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2021 , 29, 35-43	4.5	6
44	Acquisition of Carbapenemase-Producing Enterobacteriaceae in Solid Organ Transplantation Recipients. <i>Transplantation Proceedings</i> , 2018 , 50, 3748-3755	1.1	6
43	Sex-related differences in the effect-site concentration of remifentanyl for preventing QTc interval prolongation following intubation in elderly patients with a normal QTc interval. <i>Drugs and Aging</i> , 2014 , 31, 695-702	4.7	5
42	Low-dose remifentanyl infusion during ventilator weaning and tracheal extubation in postoperative intensive care unit patients sedated with propofol-remifentanyl: a randomised clinical trial. <i>Anaesthesia and Intensive Care</i> , 2012 , 40, 656-62	1.1	5
41	Concurrent reactivation of latent EBV with hepatitis A can affect clinical feature of childhood hepatitis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010 , 99, 1258-62	3.1	5
40	Effect of BMI and Patient Positioning on Airway Pressures and Respiratory Compliance during Laparoscopic Surgery. <i>Daehan Macwifgwa Haghoeji</i> , 2006 , 50, 302		5
39	Impact of the interval between coronary angiography and off-pump coronary bypass surgery on postoperative renal function. <i>Korean Journal of Anesthesiology</i> , 2010 , 58, 142-7	3.8	5
38	Nonspherical Polyvinyl Alcohol Particles versus Tris-Acryl Microspheres: Randomized Controlled Trial Comparing Pain after Uterine Artery Embolization for Symptomatic Fibroids. <i>Radiology</i> , 2021 , 298, 458-465	20.5	5
37	Sildenafil and beraprost combination therapy in patients with pulmonary hypertension undergoing valvular heart surgery. <i>Journal of Heart Valve Disease</i> , 2010 , 19, 333-40		5
36	A Simulation Study of Propofol Effect-Site Concentration for Appropriate Sedation in Pediatric Patients Undergoing Brain MRI: Pharmacodynamic Analysis. <i>Yonsei Medical Journal</i> , 2017 , 58, 1216-1221 ³		4
35	Plasma Neutrophil Gelatinase-associated Lipoprotein in Living Kidney Donors. <i>Transplantation Proceedings</i> , 2016 , 48, 738-41	1.1	4
34	Intranuclear delivery of synthetic nuclear factor-kappa B p65 reduces inflammasomes after surgery. <i>Biochemical Pharmacology</i> , 2018 , 158, 141-152	6	4
33	Heparin responsiveness during off-pump coronary artery bypass graft surgery: predictors and clinical implications. <i>Acta Pharmacologica Sinica</i> , 2011 , 32, 133-8	8	4
32	Formation of intracardiac thrombus during cardiopulmonary bypass despite full heparinization and adequate activated clotting time -A case report-. <i>Korean Journal of Anesthesiology</i> , 2012 , 62, 571-4	3.8	4

31	First Report of the Korean Lung Transplantation Registry. <i>Transplantation Proceedings</i> , 2018 , 50, 2759-2763	4
30	Clinical features and prognosis of patients with idiopathic pulmonary fibrosis and chronic obstructive pulmonary disease. <i>International Journal of Tuberculosis and Lung Disease</i> , 2019 , 23, 678-684 ^{2,1}	3
29	Effect-site concentration of remifentanyl for attenuating QTc interval prolongation following intubation in hypertensive female patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2015 , 59, 1269-77	1.9 3
28	Nefopam as an adjunct to intravenous patient-controlled analgesia after renal transplantation: a randomised trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2015 , 59, 1068-75	1.9 3
27	The effect of postoperative pain on postoperative blood loss after sequential bilateral total knee arthroplasty. <i>Korean Journal of Anesthesiology</i> , 2011 , 60, 98-102	3.8 3
26	Dynamic predictive model for postoperative nausea and vomiting for intravenous fentanyl patient-controlled analgesia. <i>Anaesthesia</i> , 2020 , 75, 218-226	6.6 3
25	Orthopedic surgery-induced cognitive dysfunction is mediated by CX3CL1/R1 signaling. <i>Journal of Neuroinflammation</i> , 2021 , 18, 93	10.1 3
24	Predictors of difficult intubation when using a videolaryngoscope with an intermediate-angled blade during the first attempt: a prospective observational study. <i>Journal of Clinical Monitoring and Computing</i> , 2021 , 1	2 3
23	Pharmacodynamic Estimate of Propofol-Induced Sedation and Airway Obstruction Effects in Obstructive Sleep Apnea-Hypopnea Syndrome. <i>Yonsei Medical Journal</i> , 2015 , 56, 1408-14	3 2
22	The Impact of Perioperative Factors on Changes in Diastolic Function after Kidney Transplantation: A Retrospective Analysis. <i>Yonsei Medical Journal</i> , 2019 , 60, 291-297	3 1
21	Effect of different general anaesthetics on ventricular repolarisation in robot-assisted laparoscopic prostatectomy. <i>Acta Anaesthesiologica Scandinavica</i> , 2020 , 64, 1243-1252	1.9 1
20	Protective role of cardiac-specific overexpression of caveolin-3 in cirrhotic cardiomyopathy. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, G531-G541	5.1 1
19	Neurobiology, pharmacokinetics and pharmacodynamics of drug abuse. <i>Journal of the Korean Medical Association</i> , 2013 , 56, 762	0.5 1
18	Impact of BMI on Complications of Gastric Endoscopic Submucosal Dissection. <i>Digestive Diseases</i> , 2021 , 39, 301-309	3.2 1
17	Bile duct ligation of C57BL/6 mice as a model of hepatic encephalopathy. <i>Anesthesia and Pain Medicine</i> , 2020 , 15, 19-27	0.3 1
16	A Simple Risk Scoring System for Predicting the Occurrence of Aspiration Pneumonia After Gastric Endoscopic Submucosal Dissection. <i>Anesthesia and Analgesia</i> , 2021 , 134,	3.9 1
15	Successful Heart Transplantation after Dobutamine, Glucose-insulin-potassium, and Hormone Therapy in a Hemodynamically Unstable Cadaveric Heart Donor - A Case Report -. <i>The Korean Journal of Critical Care Medicine</i> , 2010 , 25, 89	1
14	Influence of age on gender-related differences in acute kidney injury after minimally invasive radical or partial nephrectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 1	5.2 1

13	Preoperative Carbohydrate Drink Intake Increases Glycemic Variability in Patients with Type 2 Diabetes Mellitus in Total Joint Arthroplasty: A Prospective Randomized Trial.. <i>World Journal of Surgery</i> , 2022 , 46, 791	3.3	○
12	Accuracy and Efficacy of Impedance Cardiography as a Non-Invasive Cardiac Function Monitor. <i>Yonsei Medical Journal</i> , 2019 , 60, 735-741	3	○
11	The role of cardiac CT throughout the full cardiac cycle in diagnosing patent foramen ovale in patients with acute stroke. <i>European Radiology</i> , 2021 , 31, 8983-8990	8	○
10	Prediction of hypotension after postural change in robot-assisted laparoscopic prostatectomy using esophageal Doppler monitoring: a prospective observational trial. <i>Scientific Reports</i> , 2021 , 11, 14589	4.9	○
9	Effect of volatile and total intravenous anesthesia on syndecan-1 shedding after minimally invasive gastrectomy: a randomized trial. <i>Scientific Reports</i> , 2021 , 11, 1511	4.9	○
8	Predictive models for chronic kidney disease after radical or partial nephrectomy in renal cell cancer using early postoperative serum creatinine levels. <i>Journal of Translational Medicine</i> , 2021 , 19, 307	8.5	○
7	Ability of dynamic preload indices to predict fluid responsiveness in a high femoral-to-radial arterial pressure gradient: a retrospective study.. <i>Anesthesia and Pain Medicine</i> , 2021 , 16, 360-367	0.3	
6	Surgical Treatment of Tuberculous Spondylitis: Retrospective Analysis of Risk Factors and 15 Year Experience of Single Medical Center in South Korea. <i>Korean Journal of Spine</i> , 2011 , 8, 215		
5	Impact of Diabetes Mellitus on Radial and Ulnar Arterial Vasoreactivity after Radial Artery Cannulation: A Randomized Controlled trial. <i>International Journal of Medical Sciences</i> , 2016 , 13, 701-7	3.7	
4	Relationship between smoking and spontaneously healed pulmonary TB on chest radiography in a South Korean population. <i>International Journal of Tuberculosis and Lung Disease</i> , 2019 , 23, 1142-1148	2.1	
3	Relationship between airway obstruction and C-reactive protein levels in a community-based population of Korea. <i>International Journal of Tuberculosis and Lung Disease</i> , 2019 , 23, 1228-1234	2.1	
2	In response: Letter to the editor in response to the article: "Predictors of difficult intubation when using a videolaryngoscope with an intermediate-angled blade during the first attempt: a prospective observational study".. <i>Journal of Clinical Monitoring and Computing</i> , 2022 , 1	2	
1	Heart-Rate-Corrected QT Interval Response to Ramosetron during Robot-Assisted Laparoscopic Prostatectomy: A Randomized Trial. <i>Journal of Personalized Medicine</i> , 2022 , 12, 811	3.6	