

# S Y Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

1,930  
citations

279701

23  
h-index

315616

38  
g-index

110  
all docs

110  
docs citations

110  
times ranked

2789  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.6	153
2	Efficacy of intraoperative dexmedetomidine infusion on emergence agitation and quality of recovery after nasal surgery. <i>British Journal of Anaesthesia</i> , 2013, 111, 222-228.	1.5	127
3	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, 2776-2781.	1.3	71
4	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, 2191-2196.	0.3	70
5	Ultrasound measurement of subglottic diameter and an empirical formula for proper endotracheal tube fitting in children. <i>Acta Anaesthesiologica Scandinavica</i> , 2013, 57, 1124-1130.	0.7	68
6	Pregabalin reduces post-operative pain after mastectomy: a double-blind, randomized, placebo-controlled study. <i>Acta Anaesthesiologica Scandinavica</i> , 2011, 55, 290-296.	0.7	61
7	Effect of Dexmedetomidine on Sevoflurane Requirements and Emergence Agitation in Children Undergoing Ambulatory Surgery. <i>Yonsei Medical Journal</i> , 2014, 55, 209.	0.9	50
8	Comparison of the tuberculin skin test and interferon- $\gamma$ release assay for the diagnosis of latent tuberculosis infection before kidney transplantation. <i>Infection</i> , 2013, 41, 103-110.	2.3	47
9	Low-Dose Dexmedetomidine Reduces Emergence Agitation after Desflurane Anaesthesia in Children Undergoing Strabismus Surgery. <i>Yonsei Medical Journal</i> , 2014, 55, 508.	0.9	47
10	Comparison of intrathecal fentanyl and sufentanil in low-dose dilute bupivacaine spinal anaesthesia for transurethral prostatectomy. <i>British Journal of Anaesthesia</i> , 2009, 103, 750-754.	1.5	46
11	Association between vitamin D deficiency and tuberculosis in a Korean population. <i>International Journal of Tuberculosis and Lung Disease</i> , 2014, 18, 73-78.	0.6	43
12	Isoflurane preconditioning inhibits the effects of tissue-type plasminogen activator on brain endothelial cell in an <i>in vitro</i> model of ischemic stroke. <i>International Journal of Medical Sciences</i> , 2017, 14, 425-433.	1.1	43
13	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, 2276-2286.	1.6	39
14	Abdominal tuberculous lymphadenopathy: MR imaging findings. <i>Abdominal Imaging</i> , 2000, 25, 627-632.	2.0	37
15	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, Volume 10, 897-904.	0.8	36
16	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.	0.9	36
17	Erythropoietin Attenuates Postoperative Cognitive Dysfunction by Shifting Macrophage Activation toward the M2 Phenotype. <i>Frontiers in Pharmacology</i> , 2017, 8, 839.	1.6	35
18	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, 580-586.	1.3	33

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19	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, 580-587.	1.1	33
20	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, 1285-1290.	2.4	31
21	Scopolamine promotes neuroinflammation and delirium-like neuropsychiatric disorder in mice. <i>Scientific Reports</i> , 2021, 11, 8376.	1.6	31
22	Effects of Postoperative Pain Management on Immune Function After Laparoscopic Resection of Colorectal Cancer. <i>Medicine (United States)</i> , 2016, 95, e3602.	0.4	26
23	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, 779-786.	0.2	25
24	Postoperative Pain and Intravenous Patient-Controlled Analgesia-Related Adverse Effects in Young and Elderly Patients. <i>Medicine (United States)</i> , 2015, 94, e2008.	0.4	25
25	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, 1138-1145.	1.8	24
26	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, 589.	1.0	24
27	Apoptosis Signal-regulating Kinase 1 Silencing on Astroglial Inflammasomes in an Experimental Model of Ischemic Stroke. <i>Neuroscience</i> , 2018, 390, 218-230.	1.1	23
28	Hyperglycemia Attenuates Myocardial Preconditioning of Remifentanyl. <i>Journal of Surgical Research</i> , 2012, 174, 231-237.	0.8	21
29	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.	2.4	20
30	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, 82-87.	2.2	19
31	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.	1.1	19
32	Microsurgical efficacy and safety of a right-hemispheric approach for unruptured anterior communicating artery aneurysms. <i>Clinical Neurology and Neurosurgery</i> , 2015, 137, 62-66.	0.6	18
33	The Anti-inflammatory Effects of Agmatine on Transient Focal Cerebral Ischemia in Diabetic Rats. <i>Journal of Neurosurgical Anesthesiology</i> , 2016, 28, 203-213.	0.6	18
34	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, 468.	1.0	18
35	Intranasal Administration of Interleukin-1 Receptor Antagonist in a Transient Focal Cerebral Ischemia Rat Model. <i>Biomolecules and Therapeutics</i> , 2017, 25, 149-157.	1.1	18
36	Surgical outcomes after classifying Grade III arteriovenous malformations according to Lawton's modified Spetzler-Martin grading system. <i>Clinical Neurology and Neurosurgery</i> , 2014, 124, 72-80.	0.6	17

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37	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.	0.9	16
38	Beneficial effect of intravenous magnesium during endoscopic submucosal dissection for gastric neoplasm. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015, 29, 3795-3802.	1.3	16
39	Inflammasome and Cognitive Symptoms in Human Diseases: Biological Evidence from Experimental Research. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1103.	1.8	16
40	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.	3.6	16
41	Orthopedic surgery-induced cognitive dysfunction is mediated by CX3CL1/R1 signaling. <i>Journal of Neuroinflammation</i> , 2021, 18, 93.	3.1	16
42	Effect of Dexmedetomidine on the Corrected QT and Tp-e Intervals during Spinal Anesthesia. <i>Yonsei Medical Journal</i> , 2014, 55, 517.	0.9	15
43	Efficacy of Intravenous Lidocaine During Endoscopic Submucosal Dissection for Gastric Neoplasm. <i>Medicine (United States)</i> , 2016, 95, e3593.	0.4	15
44	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.	1.1	15
45	Ideal clipping methods for unruptured middle cerebral artery bifurcation aneurysms based on aneurysmal neck classification. <i>Neurosurgical Review</i> , 2016, 39, 215-224.	1.2	14
46	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.	1.6	14
47	Synergistic activation of lipopolysaccharide-stimulated glial cells by propofol. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 420-426.	1.0	12
48	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.	0.9	12
49	Effect of Dexmedetomidine on Heart Rate-Corrected QT and Tpeakâ€“Tend Intervals During Robot-Assisted Laparoscopic Prostatectomy With Steep Trendelenburg Position. <i>Medicine (United States)</i> , 2017, 96, e6431.	0.4	12
50	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.e1-318.e7.	1.0	11
51	Preoperative Carbohydrate Drinks Do Not Decrease Postoperative Nausea and Vomiting in Type 2 Diabetic Patients Undergoing Total Knee Arthroplastyâ€“A Randomized Controlled Trial. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, 35-43.	1.1	11
52	Heart rate variability as a predictor of hypotension after spinal anesthesia in hypertensive patients. <i>Korean Journal of Anesthesiology</i> , 2013, 65, 317.	0.9	10
53	Elderly Patients Require Higher Doses of Sugammadex for Rapid Recovery from Deep Neuromuscular Block. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 462-467.	1.2	10
54	Acquisition of Carbapenemase-Producing Enterobacteriaceae in Solid Organ Transplantation Recipients. <i>Transplantation Proceedings</i> , 2018, 50, 3748-3755.	0.3	10

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55	Dynamic predictive model for postoperative nausea and vomiting for intravenous fentanyl patient-controlled analgesia. <i>Anaesthesia</i> , 2020, 75, 218-226.	1.8	10
56	Bile duct ligation of C57BL/6 mice as a model of hepatic encephalopathy. <i>Anesthesia and Pain Medicine</i> , 2020, 15, 19-27.	0.5	10
57	Conversion rates of an interferon- $\gamma$ release assay and the tuberculin skin test in the serial monitoring of healthcare workers. <i>Infection</i> , 2013, 41, 511-516.	2.3	9
58	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.	0.9	9
59	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, 620-628.	1.1	9
60	Nefopam as an adjunct to intravenous patient-controlled analgesia after renal transplantation: a randomised trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2015, 59, 1068-1075.	0.7	8
61	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.	1.2	8
62	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.	1.3	8
63	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.	0.6	8
64	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.	0.9	8
65	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, 656-662.	0.2	7
66	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.	0.6	7
67	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.	1.6	7
68	A Simple Risk Scoring System for Predicting the Occurrence of Aspiration Pneumonia After Gastric Endoscopic Submucosal Dissection. <i>Anesthesia and Analgesia</i> , 2022, 134, 114-122.	1.1	7
69	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, 1258-1262.	0.7	6
70	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.	0.9	6
71	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.	1.3	6
72	Protective role of cardiac-specific overexpression of caveolin-3 in cirrhotic cardiomyopathy. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G531-G541.	1.6	6

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73	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.	1.3	6
74	Accuracy and Efficacy of Impedance Cardiography as a Non-Invasive Cardiac Function Monitor. <i>Yonsei Medical Journal</i> , 2019, 60, 735.	0.9	6
75	Pharmacodynamic Estimate of Propofol-Induced Sedation and Airway Obstruction Effects in Obstructive Sleep Apnea-Hypopnea Syndrome. <i>Yonsei Medical Journal</i> , 2015, 56, 1408.	0.9	5
76	First Report of the Korean Lung Transplantation Registry. <i>Transplantation Proceedings</i> , 2018, 50, 2759-2763.	0.3	5
77	The Impact of Perioperative Factors on Changes in Diastolic Function after Kidney Transplantation: A Retrospective Analysis. <i>Yonsei Medical Journal</i> , 2019, 60, 291.	0.9	5
78	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.	2.3	5
79	Effect of BMI and Patient Positioning on Airway Pressures and Respiratory Compliance during Laparoscopic Surgery. <i>Daehan Macwi'gwa Haghoeji</i> , 2006, 50, 302.	0.2	5
80	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.	0.5	5
81	Heparin responsiveness during off-pump coronary artery bypass graft surgery: predictors and clinical implications. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 133-138.	2.8	4
82	Effect of site concentration of remifentanyl for attenuating QTc interval prolongation following intubation in hypertensive female patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2015, 59, 1269-1277.	0.7	4
83	Plasma Neutrophil Gelatinase-associated Lipoprotein in Living Kidney Donors. <i>Transplantation Proceedings</i> , 2016, 48, 738-741.	0.3	4
84	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.	0.9	4
85	Intranuclear delivery of synthetic nuclear factor-kappa B p65 reduces inflammasomes after surgery. <i>Biochemical Pharmacology</i> , 2018, 158, 141-152.	2.0	4
86	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, 36, 1121-1130.	0.7	4
87	Effects of Head and Neck Position on Nasotracheal Tube Intracuff Pressure: A Prospective Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3910.	1.0	4
88	The effect of postoperative pain on postoperative blood loss after sequential bilateral total knee arthroplasty. <i>Korean Journal of Anesthesiology</i> , 2011, 60, 98.	0.9	4
89	Impact of BMI on Complications of Gastric Endoscopic Submucosal Dissection. <i>Digestive Diseases</i> , 2021, 39, 301-309.	0.8	4
90	Effect of different general anaesthetics on ventricular repolarisation in robot-assisted laparoscopic prostatectomy. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 1243-1252.	0.7	3

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91	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, 791-799.	0.8	3
92	A risk scoring system integrating postoperative factors for predicting early mortality after major non-cardiac surgery. <i>Clinical and Translational Science</i> , 2022, 15, 2230-2240.	1.5	3
93	Neurobiology, pharmacokinetics and pharmacodynamics of drug abuse. <i>Journal of the Korean Medical Association</i> , 2013, 56, 762.	0.1	2
94	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.	0.6	2
95	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.	1.6	2
96	The Effect of Tranexamic Acid Administration on Early Endothelial Damage Following Posterior Lumbar Fusion Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 1415.	1.0	1
97	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.	1.3	1
98	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.	1.8	1
99	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.	0.2	1
100	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, 701-707.	1.1	0
101	P2884 Clinical significance of postoperative atrial arrhythmias in patients who underwent lung transplantation. <i>European Heart Journal</i> , 2018, 39, .	1.0	0
102	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.	0.6	0
103	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.	0.5	0
104	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.	0.9	0
105	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, 36, 1911-1912.	0.7	0
106	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.	1.1	0