

Sung-Hoon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

965
citations

516710

16
h-index

580821

25
g-index

91
all docs

91
docs citations

91
times ranked

1187
citing authors

#	ARTICLE	IF	CITATIONS
1	Beat-to-Beat Tracking of Systolic Blood Pressure Using Noninvasive Pulse Transit Time During Anesthesia Induction in Hypertensive Patients. <i>Anesthesia and Analgesia</i> , 2013, 116, 94-100.	2.2	49
2	The effect of luteal phase progesterone supplementation on natural frozen-thawed embryo transfer cycles. <i>Obstetrics and Gynecology Science</i> , 2014, 57, 291.	1.6	47
3	Palonosetron has superior prophylactic antiemetic efficacy compared with ondansetron or ramosetron in high-risk patients undergoing laparoscopic surgery: a prospective, randomized, double-blinded study. <i>Korean Journal of Anesthesiology</i> , 2013, 64, 517.	2.5	42
4	Intraoperative Infusion of 0.6–0.9 $\mu\text{g} \cdot \text{kg}^{-1} \cdot \text{min}^{-1}$ Remifentanyl Induces Acute Tolerance in Young Children after Laparoscopic Ureteroneocystostomy. <i>Anesthesiology</i> , 2013, 118, 337-343.	2.5	39
5	Ovarian hyperstimulation syndrome complicating a spontaneous singleton pregnancy: a case report. <i>Journal of Assisted Reproduction and Genetics</i> , 2001, 18, 120-123.	2.5	38
6	Surgical resection or aspiration with ethanol sclerotherapy of endometrioma before <i>in vitro</i> fertilization in infertile women with endometrioma. <i>Obstetrics and Gynecology Science</i> , 2014, 57, 297.	1.6	38
7	Intraoperative use of transcranial motor/sensory evoked potential monitoring in the clipping of intracranial aneurysms: evaluation of false-positive and false-negative cases. <i>Journal of Neurosurgery</i> , 2019, 130, 936-948.	1.6	34
8	A randomised controlled trial to clinically validate follitropin delta in its individualised dosing regimen for ovarian stimulation in Asian IVF/ICSI patients. <i>Human Reproduction</i> , 2021, 36, 2452-2462.	0.9	27
9	Ovarian Features after 2 Weeks, 3 Weeks and 4 Weeks Transdermal Testosterone Gel Treatment and Their Associated Effect on IVF Outcomes in Poor Responders. <i>Development & Reproduction</i> , 2014, 18, 145-152.	0.5	26
10	Blood pressure monitoring in sleep: time to wake up. <i>Blood Pressure Monitoring</i> , 2020, 25, 61-68.	0.8	25
11	Laparoendoscopic Single-site Compared With Conventional Laparoscopic Ovarian Cystectomy for Ovarian Endometrioma. <i>Journal of Minimally Invasive Gynecology</i> , 2015, 22, 813-819.	0.6	22
12	The implications of a tracheal bronchus on one-lung ventilation and fiberoptic bronchoscopy in a patient undergoing thoracic surgery: a case report. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 399-402.	1.6	21
13	Fluid management in living donor hepatectomy: Recent issues and perspectives. <i>World Journal of Gastroenterology</i> , 2015, 21, 12757.	3.3	21
14	Predictive value of rotational thromboelastometry during cardiopulmonary bypass for thrombocytopenia and hypofibrinogenemia after weaning of cardiopulmonary bypass. <i>Korean Journal of Anesthesiology</i> , 2015, 68, 241.	2.5	21
15	Is Stroke Volume Variation a Useful Preload Index in Liver Transplant Recipients? A Retrospective Analysis. <i>International Journal of Medical Sciences</i> , 2013, 10, 751-757.	2.5	20
16	Comparison of false-negative/positive results of intraoperative evoked potential monitoring between no and partial neuromuscular blockade in patients receiving propofol/remifentanyl-based anesthesia during cerebral aneurysm clipping surgery. <i>Medicine (United States)</i> , 2016, 95, e4725.	1.0	18
17	Effect of second-line surgery on <i>in vitro</i> fertilization outcome in infertile women with ovarian endometrioma recurrence after primary conservative surgery for moderate to severe endometriosis. <i>Obstetrics and Gynecology Science</i> , 2015, 58, 481.	1.6	17
18	Patient-specific and hyper-realistic phantom for an intubation simulator with a replaceable difficult airway of a toddler using 3D printing. <i>Scientific Reports</i> , 2020, 10, 10631.	3.3	16

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19	Correlation between National Influenza Surveillance Data and Search Queries from Mobile Devices and Desktops in South Korea. <i>PLoS ONE</i> , 2016, 11, e0158539.	2.5	16
20	Preoperative glycosylated haemoglobin as a predictor of postoperative analgesic requirements in diabetic patients. <i>European Journal of Anaesthesiology</i> , 2015, 32, 705-711.	1.7	15
21	Altered Composition of Microbiota in Women with Ovarian Endometrioma: Microbiome Analyses of Extracellular Vesicles in the Peritoneal Fluid. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4608.	4.1	15
22	Combined administration of gonadotropin-releasing hormone agonist with human chorionic gonadotropin for final oocyte maturation in GnRH antagonist cycles for in vitro fertilization. <i>Journal of reproductive medicine, The</i> , 2014, 59, 63-8.	0.2	15
23	Endotracheal intubation by inexperienced trainees using the Clarus Video System: learning curve and orodental trauma perspectives. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015, 15, 207.	1.0	14
24	Deep Learning-Based Stroke Volume Estimation Outperforms Conventional Arterial Contour Method in Patients with Hemodynamic Instability. <i>Journal of Clinical Medicine</i> , 2019, 8, 1419.	2.4	14
25	The effect of aromatase inhibitor letrozole incorporated in gonadotrophin-releasing hormone antagonist multiple dose protocol in poor responders undergoing <i>in vitro</i> fertilization. <i>Obstetrics and Gynecology Science</i> , 2014, 57, 216.	1.6	13
26	Sex differential effect of dexmedetomidine on fear memory extinction and anxiety behavior in adolescent rats. <i>Neuroscience Research</i> , 2019, 149, 29-37.	1.9	13
27	Brief Episodes of Newly Developed Intraoperative Atrial Fibrillation Predicts Worse Outcomes in Adult Liver Transplantation. <i>Transplantation Proceedings</i> , 2018, 50, 1142-1146.	0.6	12
28	Association of Preoperative Prognostic Nutritional Index and Postoperative Acute Kidney Injury in Patients with Colorectal Cancer Surgery. <i>Nutrients</i> , 2021, 13, 1604.	4.1	12
29	Alterations in uterine hemodynamics caused by uterine fibroids and their impact on <i>in vitro</i> fertilization outcomes. <i>Clinical and Experimental Reproductive Medicine</i> , 2015, 42, 163.	1.5	11
30	Increased expression of nuclear factor kappa-B p65 subunit in adenomyosis. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 123.	1.6	11
31	Atrioventricular conduction disturbances immediately after hepatic graft reperfusion and their outcomes in patients undergoing liver transplantation. <i>Liver Transplantation</i> , 2016, 22, 956-967.	2.4	11
32	Association of Preoperative Prognostic Nutritional Index and Postoperative Acute Kidney Injury in Patients Who Underwent Hepatectomy for Hepatocellular Carcinoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 428.	2.5	11
33	The Association between Prognostic Nutritional Index (PNI) and Intraoperative Transfusion in Patients Undergoing Hepatectomy for Hepatocellular Carcinoma: A Retrospective Cohort Study. <i>Cancers</i> , 2021, 13, 2508.	3.7	11
34	Continuous Noninvasive Hemoglobin Measurement Is Useful in Patients Undergoing Double-Jaw Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 1813-1819.	1.2	10
35	Comparison of electroencephalogram between propofol- and thiopental-induced anesthesia for awareness risk in pregnant women. <i>Scientific Reports</i> , 2020, 10, 6192.	3.3	10
36	The Effect of Fibroblast Co-culture on In Vitro Maturation of Mouse Preantral Follicles. <i>Development & Reproduction</i> , 2013, 17, 269-274.	0.5	10

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37	Real-Time Monitoring of Blood Pressure Using Digitalized Pulse Arrival Time Calculation Technology for Prompt Detection of Sudden Hypertensive Episodes During Laryngeal Microsurgery: Retrospective Observational Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e13156.	4.3	10
38	Device-Related Error in Patient-Controlled Analgesia. <i>Anesthesia and Analgesia</i> , 2019, 129, 720-725.	2.2	9
39	Effect of Prone Positional Apparatus on the Occurrence of Acute Kidney Injury After Spine Surgery. <i>World Neurosurgery</i> , 2019, 128, e597-e602.	1.3	9
40	Impact of Sarcopenia on Acute Kidney Injury after Infrarenal Abdominal Aortic Aneurysm Surgery: A Propensity Matching Analysis. <i>Nutrients</i> , 2021, 13, 2212.	4.1	9
41	Single-Incision versus Multiport Robotic Myomectomy: A Propensity Score Matched Analysis of Surgical Outcomes and Surgical Tips. <i>Journal of Clinical Medicine</i> , 2021, 10, 3957.	2.4	9
42	A 6-year-old girl with vaginal spotting who was diagnosed with perivascular epithelioid cell neoplasm after vaginoscopic resection. <i>Obstetrics and Gynecology Science</i> , 2014, 57, 409.	1.6	8
43	Subclinical hypothyroidism diagnosed by thyrotropin-releasing hormone stimulation test in infertile women with basal thyroid-stimulating hormone levels of 2.5 to 5.0 mIU/L. <i>Obstetrics and Gynecology Science</i> , 2014, 57, 507.	1.6	8
44	The photoplethysmographic amplitude to pulse pressure ratio can track sudden changes in vascular compliance and resistance during liver graft reperfusion. <i>Medicine (United States)</i> , 2017, 96, e7045.	1.0	8
45	Effect of Anesthetic Methods on Cerebral Oxygen Saturation in Elderly Surgical Patients: Prospective, Randomized, Observational Study. <i>World Journal of Surgery</i> , 2012, 36, 2328-2334.	1.6	7
46	Impact of a custom-made 3D printed ergonomic grip for direct laryngoscopy on novice intubation performance in a simulated easy and difficult airway scenario—A manikin study. <i>PLoS ONE</i> , 2018, 13, e0207445.	2.5	7
47	Detection of intratracheal accumulation of thick secretions by using continuous monitoring of respiratory acoustic spectrum: a preliminary analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 763-770.	1.6	7
48	Non-contact thermography-based respiratory rate monitoring in a post-anesthetic care unit. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1291-1297.	1.6	7
49	Causes of amenorrhea in Korea: Experience of a single large center. <i>Clinical and Experimental Reproductive Medicine</i> , 2014, 41, 29.	1.5	6
50	Effect of heated humidified ventilation on bronchial mucus transport velocity in general anaesthesia: A randomized trial. <i>Journal of International Medical Research</i> , 2014, 42, 1222-1231.	1.0	6
51	A proposal of a simple epidural simulator for training novice anesthesiologists. <i>Journal of Anesthesia</i> , 2016, 30, 591-595.	1.7	6
52	Change in pulse transit time in the lower extremity after lumbar sympathetic ganglion block: an early indicator of successful block. <i>Journal of International Medical Research</i> , 2017, 45, 203-210.	1.0	6
53	Propofol for implantable cardioverter defibrillator implantation in patients with Brugada syndrome. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 656-660.	1.2	6
54	Human chorionic gonadotropin-administered natural cycle versus spontaneous ovulatory cycle in patients undergoing two pronuclear zygote frozen-thawed embryo transfer. <i>Obstetrics and Gynecology Science</i> , 2018, 61, 247.	1.6	6

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55	Quantitative Analysis of an Intraoperative Digitalized Esophageal Heart Sound Signal to Speculate on Perturbed Cardiovascular Function. <i>Journal of Clinical Medicine</i> , 2019, 8, 715.	2.4	6
56	Importance of Translabial Ultrasound for the Diagnosis of Pelvic Organ Prolapse and Its Correlation with the POP-Q Examination: Analysis of 363 Cases. <i>Journal of Clinical Medicine</i> , 2021, 10, 4267.	2.4	6
57	Heart and Lung Sound Measurement Using an Esophageal Stethoscope with Adaptive Noise Cancellation. <i>Sensors</i> , 2021, 21, 6757.	3.8	6
58	Arrhythmia incidence and associated factors during volatile induction of general anesthesia with sevoflurane: a retrospective analysis of 950 adult patients. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2021, 40, 100878.	1.4	5
59	Hypotension in patients administered indigo carmine containing impurities -A case report-. <i>Korean Journal of Anesthesiology</i> , 2011, 61, 435.	2.5	5
60	Comparison of ultrasound-guided endometrial polypectomy carried out on the oocyte retrieval day and the first day of ovarian stimulation in IVF–ICSI cycles. <i>Reproductive BioMedicine Online</i> , 2016, 33, 376-380.	2.4	4
61	Optimization of the Operating Room Scheduling Process for Improving Efficiency in a Tertiary Hospital. <i>Journal of Medical Systems</i> , 2020, 44, 171.	3.6	4
62	Associations of sarcopenia with graft failure and mortality in patients undergoing living donor liver transplantation. <i>Liver Transplantation</i> , 2022, 28, 1345-1355.	2.4	4
63	Association between red blood cell distribution width and blood transfusion in patients undergoing living donor liver transplantation: Propensity score analysis. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2022, 29, 983-993.	2.6	4
64	Effect of Pioglitazone on Production of Regulated upon Activation Normal T-cell Expressed and Secreted (RANTES) and IVF Outcomes in Infertile Women with Endometriosis. <i>Development & Reproduction</i> , 2013, 17, 207-213.	0.5	3
65	Pulmonary aspiration during intubation in a high-risk patient: A video clip and clinical implications. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2018, 18, 111.	1.0	3
66	Beat-to-Beat Tracking of Pulse Pressure and Its Respiratory Variation Using Heart Sound Signal in Patients Undergoing Liver Transplantation. <i>Journal of Clinical Medicine</i> , 2019, 8, 593.	2.4	3
67	Development of a new pharmacokinetic model for target–concentration controlled infusion of cefoxitin as a prophylactic antibiotic in colorectal surgical patients. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4648-4657.	2.4	3
68	Estimation of Stroke Volume Variance from Arterial Blood Pressure: Using a 1-D Convolutional Neural Network. <i>Sensors</i> , 2021, 21, 5130.	3.8	3
69	Tracking of the beat-to-beat blood pressure changes by the Caretaker physiological monitor against invasive central aortic measurement. <i>Blood Pressure Monitoring</i> , 2022, 27, 70-76.	0.8	3
70	Cathepsin B in Eutopic and Ectopic Endometrial Tissues of Patients with Endometriosis. <i>Development & Reproduction</i> , 2013, 17, 133-140.	0.5	3
71	Point-of-care monitoring of perioperative intraocular pressure using portable tonometry in a patient with Posner-Schlossman syndrome: a case report. <i>Korean Journal of Anesthesiology</i> , 2014, 66, 248.	2.5	2
72	Effective dose of dobutamine in augmenting free flap blood flow during reconstructive surgery of the lower extremity. <i>Medicine (United States)</i> , 2019, 98, e15358.	1.0	2

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73	Developmental features and predicting airway failure risk in critically ill children with mandibular hypoplasia using 3D computational tomographic analysis. <i>Scientific Reports</i> , 2021, 11, 9881.	3.3	2
74	Pelvic Organ Prolapse Is Associated with Osteoporosis in Korean Women: Analysis of the Health Insurance Review and Assessment Service National Patient Sample. <i>Journal of Clinical Medicine</i> , 2021, 10, 3751.	2.4	2
75	Association between Neutrophil-Lymphocyte Ratio and Herpes Zoster Infection in 1688 Living Donor Liver Transplantation Recipients at a Large Single Center. <i>Biomedicines</i> , 2021, 9, 963.	3.2	2
76	Single-Incision vs. Multiport Robotic Sacrocolpopexy: 126 Consecutive Cases at a Single Institution. <i>Journal of Clinical Medicine</i> , 2021, 10, 4457.	2.4	2
77	Severe postoperative dyspnea caused by neglected massive intraperitoneal fluid collection during laser enucleation and morcellation of the prostate: a case report. <i>Korean Journal of Anesthesiology</i> , 2016, 69, 185.	2.5	2
78	Association of skeletal muscle index with postoperative acute kidney injury in living donor hepatectomy: A retrospective single-centre cohort study. <i>Liver International</i> , 2022, 42, 425-434.	3.9	2
79	Nasogastric tube placement using a semi-rigid esophageal stethoscope in an intubated surgical patient. <i>Korean Journal of Anesthesiology</i> , 2014, 66, 407.	2.5	1
80	Pelvic artery embolization in the management of pelvic arterial bleeding following midurethral sling surgery for stress urinary incontinence. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 163.	1.6	1
81	Respiratory Variations in Electrocardiographic R-Wave Amplitude during Acute Hypovolemia Induced by Inferior Vena Cava Clamping in Patients Undergoing Liver Transplantation. <i>Journal of Clinical Medicine</i> , 2019, 8, 717.	2.4	1
82	Low Preoperative Antithrombin III Level Is Associated with Postoperative Acute Kidney Injury after Liver Transplantation. <i>Journal of Personalized Medicine</i> , 2021, 11, 716.	2.5	1
83	Minimizing Motion Artifacts in Intravital Microscopy Using the Sedative Effect of Dexmedetomidine. <i>Microscopy and Microanalysis</i> , 2022, 28, 1679-1686.	0.4	1
84	Intraoperative, rapid administration of high-dose fentanyl by a dysfunctioning plunger lock of a syringe pump; the siphon effect. <i>Korean Journal of Anesthesiology</i> , 2012, 62, 298.	2.5	0
85	In Reply. <i>Anesthesiology</i> , 2013, 119, 1230-1231.	2.5	0
86	Recurrent ST segment elevations in a patient with asymptomatic early repolarization during head and neck surgery: implications of vasospastic angina. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2018, 18, 189.	1.0	0
87	Augmentation of Electrocardiographic QRS R-Amplitude Precedes Radiocontrast-Induced Hypotension during Mobile Computed Tomography Scanning. <i>Journal of Clinical Medicine</i> , 2019, 8, 505.	2.4	0
88	Comparison of recovery profiles in patients with Parkinson's disease for 2 types of neuromuscular blockade reversal agent following deep brain stimulator implantation. <i>Medicine (United States)</i> , 2019, 98, e18406.	1.0	0