

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	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
2	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
3	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
4	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
5	Minimizing Motion Artifacts in Intravital Microscopy Using the Sedative Effect of Dexmedetomidine. <i>Microscopy and Microanalysis</i> , 2022, 28, 1679-1686.	0.4	1
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	Heart and Lung Sound Measurement Using an Esophageal Stethoscope with Adaptive Noise Cancellation. <i>Sensors</i> , 2021, 21, 6757.	3.8	6
24	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
25	Blood pressure monitoring in sleep: time to wake up. <i>Blood Pressure Monitoring</i> , 2020, 25, 61-68.	0.8	25
26	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
27	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
28	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
29	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
30	Device-Related Error in Patient-Controlled Analgesia. <i>Anesthesia and Analgesia</i> , 2019, 129, 720-725.	2.2	9
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	Increased expression of nuclear factor kappa-B p65 subunit in adenomyosis. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 123.	1.6	11
51	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
52	A proposal of a simple epidural simulator for training novice anesthesiologists. <i>Journal of Anesthesia</i> , 2016, 30, 591-595.	1.7	6
53	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
54	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

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55	Correlation between National Influenza Surveillance Data and Search Queries from Mobile Devices and Desktops in South Korea. PLoS ONE, 2016, 11, e0158539.	2.5	16
56	Severe postoperative dyspnea caused by neglected massive intraperitoneal fluid collection during laser enucleation and morcellation of the prostate: a case report. Korean Journal of Anesthesiology, 2016, 69, 185.	2.5	2
57	Preoperative glycosylated haemoglobin as a predictor of postoperative analgesic requirements in diabetic patients. European Journal of Anaesthesiology, 2015, 32, 705-711.	1.7	15
58	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. Obstetrics and Gynecology Science, 2015, 58, 481.	1.6	17
59	Endotracheal intubation by inexperienced trainees using the Clarus Video System: learning curve and orodental trauma perspectives. Journal of Dental Anesthesia and Pain Medicine, 2015, 15, 207.	1.0	14
60	Alterations in uterine hemodynamics caused by uterine fibroids and their impact on <i>in vitro</i> fertilization outcomes. Clinical and Experimental Reproductive Medicine, 2015, 42, 163.	1.5	11
61	The implications of a tracheal bronchus on one-lung ventilation and fiberoptic bronchoscopy in a patient undergoing thoracic surgery: a case report. Canadian Journal of Anaesthesia, 2015, 62, 399-402.	1.6	21
62	Laparoendoscopic Single-site Compared With Conventional Laparoscopic Ovarian Cystectomy for Ovarian Endometrioma. Journal of Minimally Invasive Gynecology, 2015, 22, 813-819.	0.6	22
63	Fluid management in living donor hepatectomy: Recent issues and perspectives. World Journal of Gastroenterology, 2015, 21, 12757.	3.3	21
64	Predictive value of rotational thromboelastometry during cardiopulmonary bypass for thrombocytopenia and hypofibrinogenemia after weaning of cardiopulmonary bypass. Korean Journal of Anesthesiology, 2015, 68, 241.	2.5	21
65	The effect of luteal phase progesterone supplementation on natural frozen-thawed embryo transfer cycles. Obstetrics and Gynecology Science, 2014, 57, 291.	1.6	47
66	The effect of aromatase inhibitor letrozole incorporated in gonadotrophin-releasing hormone antagonist multiple dose protocol in poor responders undergoing <i>in vitro</i> fertilization. Obstetrics and Gynecology Science, 2014, 57, 216.	1.6	13
67	Surgical resection or aspiration with ethanol sclerotherapy of endometrioma before <i>in vitro</i> fertilization in infertile women with endometrioma. Obstetrics and Gynecology Science, 2014, 57, 297.	1.6	38
68	Causes of amenorrhea in Korea: Experience of a single large center. Clinical and Experimental Reproductive Medicine, 2014, 41, 29.	1.5	6
69	A 6-year-old girl with vaginal spotting who was diagnosed with perivascular epithelioid cell neoplasm after vaginoscopic resection. Obstetrics and Gynecology Science, 2014, 57, 409.	1.6	8
70	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. Obstetrics and Gynecology Science, 2014, 57, 507.	1.6	8
71	Effect of heated humidified ventilation on bronchial mucus transport velocity in general anaesthesia: A randomized trial. Journal of International Medical Research, 2014, 42, 1222-1231.	1.0	6
72	Nasogastric tube placement using a semi-rigid esophageal stethoscope in an intubated surgical patient. Korean Journal of Anesthesiology, 2014, 66, 407.	2.5	1

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73	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
74	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
75	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
76	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
77	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
78	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
79	Intraoperative Infusion of $0.6 \pm 0.9 \mu\text{g} \cdot \text{kg}^{-1} \cdot \text{min}^{-1}$ Remifentanyl Induces Acute Tolerance in Young Children after Laparoscopic Ureteroneocystostomy. <i>Anesthesiology</i> , 2013, 118, 337-343.	2.5	39
80	In Reply. <i>Anesthesiology</i> , 2013, 119, 1230-1231.	2.5	0
81	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
82	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
83	Cathepsin B in Eutopic and Ectopic Endometrial Tissues of Patients with Endometriosis. <i>Development & Reproduction</i> , 2013, 17, 133-140.	0.5	3
84	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
85	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
86	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
87	Hypotension in patients administered indigo carmine containing impurities -A case report-. <i>Korean Journal of Anesthesiology</i> , 2011, 61, 435.	2.5	5
88	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