

Sun-Joon Bai

List of Publications by Year in descending order

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60
papers

971
citations

430843

18
h-index

477281

29
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61
all docs

61
docs citations

61
times ranked

1200
citing authors

#	ARTICLE	IF	CITATIONS
1	Increase in Intracranial Pressure During Carbon Dioxide Pneumoperitoneum with Steep Trendelenburg Positioning Proven by Ultrasonographic Measurement of Optic Nerve Sheath Diameter. <i>Journal of Endourology</i> , 2014, 28, 801-806.	2.1	77
2	Total Intravenous Anesthesia with Propofol Reduces Postoperative Nausea and Vomiting in Patients Undergoing Robot-Assisted Laparoscopic Radical Prostatectomy: A Prospective Randomized Trial. <i>Yonsei Medical Journal</i> , 2012, 53, 1197.	2.2	61
3	The Intraocular Pressure under Deep versus Moderate Neuromuscular Blockade during Low-Pressure Robot Assisted Laparoscopic Radical Prostatectomy in a Randomized Trial. <i>PLoS ONE</i> , 2015, 10, e0135412.	2.5	57
4	Comparison of various imaging modalities in localization of epileptogenic lesion using epilepsy surgery outcome in pediatric patients. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009, 18, 504-510.	2.0	56
5	Retrospective Assessment of the Validity of Robotic Surgery in Comparison to Open Surgery for Pediatric Choledochal Cyst. <i>Yonsei Medical Journal</i> , 2015, 56, 737.	2.2	52
6	Increase in intraocular pressure is less with propofol than with sevoflurane during laparoscopic surgery in the steep Trendelenburg position. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 322-329.	1.6	49
7	Inhibition of Mammalian Target of Rapamycin (mTOR) Signaling in the Insular Cortex Alleviates Neuropathic Pain after Peripheral Nerve Injury. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 79.	2.9	43
8	Periarticular Injection with Corticosteroid Has an Additional Pain Management Effect in Total Knee Arthroplasty. <i>Yonsei Medical Journal</i> , 2014, 55, 493.	2.2	40
9	Analgesic Mechanism of Electroacupuncture in an Arthritic Pain Model of Rats: A Neurotransmitter Study. <i>Yonsei Medical Journal</i> , 2011, 52, 1016.	2.2	30
10	Pain-Relieving Effects of mTOR Inhibitor in the Anterior Cingulate Cortex of Neuropathic Rats. <i>Molecular Neurobiology</i> , 2019, 56, 2482-2494.	4.0	29
11	The Effect of Dexmedetomidine on Intraocular Pressure Increase in Patients During Robot-Assisted Laparoscopic Radical Prostatectomy in the Steep Trendelenburg Position. <i>Journal of Endourology</i> , 2015, 29, 310-316.	2.1	28
12	Comparison of the effects of patient-controlled epidural and intravenous analgesia on postoperative bowel function after laparoscopic gastrectomy: a prospective randomized study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 4688-4696.	2.4	26
13	Plasticity-Related PKM α Signaling in the Insular Cortex Is Involved in the Modulation of Neuropathic Pain after Nerve Injury. <i>Neural Plasticity</i> , 2015, 2015, 1-10.	2.2	25
14	Fresh Frozen Plasma in Pump Priming for Congenital Heart Surgery: Evaluation of Effects on Postoperative Coagulation Profiles Using a Fibrinogen Assay and Rotational Thromboelastometry. <i>Yonsei Medical Journal</i> , 2013, 54, 752.	2.2	24
15	Effect of Intraoperative Dexmedetomidine Infusion on Postoperative Bowel Movements in Patients Undergoing Laparoscopic Gastrectomy. <i>Medicine (United States)</i> , 2015, 94, e959.	1.0	24
16	Effect of Ginseng Saponins on the Recombinant Serotonin Type 3A Receptor Expressed in <i>Xenopus</i> Oocytes: Implication of Possible Application as an Antiemetic. <i>Journal of Alternative and Complementary Medicine</i> , 2003, 9, 505-510.	2.1	23
17	The impact of two different inspiratory to expiratory ratios (1:1 and 1:2) on respiratory mechanics and oxygenation during volume-controlled ventilation in robot-assisted laparoscopic radical prostatectomy: a randomized controlled trial. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 979-987.	1.6	21
18	Acute electroacupuncture inhibits nitric oxide synthase expression in the spinal cord of neuropathic rats. <i>Neurological Research</i> , 2010, 32, 96-100.	1.3	19

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19	Effects of deep vs moderate neuromuscular block on the quality of recovery after robotic gastrectomy. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 306-313.	1.6	19
20	Pain dynamics observed by functional magnetic resonance imaging: Differential regression analysis technique. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 18, 273-283.	3.4	18
21	Influence of reversal of neuromuscular blockade with sugammadex or neostigmine on postoperative quality of recovery following a single bolus dose of rocuronium: A prospective, randomized, double-blinded, controlled study. <i>Journal of Clinical Anesthesia</i> , 2019, 57, 97-102.	1.6	18
22	Antiallodynic Effects of Acupuncture in Neuropathic Rats. <i>Yonsei Medical Journal</i> , 2006, 47, 359.	2.2	17
23	PAIN-RELIEVING EFFECTS OF ACUPUNCTURE AND ELECTROACUPUNCTURE IN AN ANIMAL MODEL OF ARTHRITIC PAIN. <i>International Journal of Neuroscience</i> , 2006, 116, 1139-1156.	1.6	17
24	Comparing McGrath® MAC, C-MAC®, and Macintosh Laryngoscopes Operated by Medical Students: A Randomized, Crossover, Manikin Study. <i>BioMed Research International</i> , 2016, 2016, 1-8.	1.9	17
25	The effects of combined epidural and general anesthesia on the autonomic nervous system and bioavailability of nitric oxide in patients undergoing laparoscopic pelvic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 918-926.	2.4	16
26	The Duration of Intrathecal Bupivacaine Mixed with Lidocaine. <i>Anesthesia and Analgesia</i> , 2008, 107, 824-827.	2.2	15
27	Effects of dexmedetomidine in combination with fentanyl-based intravenous patient-controlled analgesia on pain attenuation after open gastrectomy in comparison with conventional thoracic epidural and fentanyl-based intravenous patient-controlled analgesia. <i>International Journal of Medical Sciences</i> . 2017, 14, 951-960.	2.5	15
28	Effects of Acupuncture Stimulation at Different Acupoints on Formalin-Induced Pain in Rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 121.	1.2	14
29	Comparison of the effects of remifentanyl-based general anesthesia and popliteal nerve block on postoperative pain and hemodynamic stability in diabetic patients undergoing distal foot amputation. <i>Medicine (United States)</i> , 2016, 95, e4302.	1.0	13
30	In vivo voltage-sensitive dye imaging of the insular cortex in nerve-injured rats. <i>Neuroscience Letters</i> , 2016, 634, 146-152.	2.1	11
31	Comparison of 2 cuff inflation methods before insertion of laryngeal mask airway for safe use without cuff manometer in children. <i>American Journal of Emergency Medicine</i> , 2013, 31, 346-352.	1.6	9
32	Spatiotemporal changes of optical signals in the somatosensory cortex of neuropathic rats after electroacupuncture stimulation. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 33.	3.7	9
33	Differential regulation by Seogak Jihwang-Tang on cytokines production in peripheral blood mononuclear cells from the cerebral infarction patients presenting with altered consciousness. <i>Journal of Ethnopharmacology</i> , 2004, 94, 289-294.	4.1	8
34	c-Fos Expression in the Nucleus of the Solitary Tract in Response to Salt Stimulation in Rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2011, 15, 437.	1.2	7
35	The Effects of Oral Atenolol or Enalapril Premedication on Blood Loss and Hypotensive Anesthesia in Orthognathic Surgery. <i>Yonsei Medical Journal</i> , 2015, 56, 1114.	2.2	7
36	<p>Comparison of Analgesic and Adverse Effects of Oxycodone- and Fentanyl-Based Patient-Controlled Analgesia in Patients Undergoing Robot-Assisted Laparoscopic Gastrectomy Using a 55:1 Potency Ratio of Oxycodone to Fentanyl: A Retrospective Study</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 2197-2204.	2.0	7

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37	Physiologic and hemodynamic changes in patients undergoing open abdominal cytoreductive surgery with hyperthermic intraperitoneal chemotherapy. <i>Journal of International Medical Research</i> , 2021, 49, 030006052098326.	1.0	6
38	Modulation of Neuropathic Pain by Glial Regulation in the Insular Cortex of Rats. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 815945.	2.9	6
39	Effects of priming with pancuronium or rocuronium on intubation with rocuronium in children. <i>Yonsei Medical Journal</i> , 1999, 40, 327.	2.2	5
40	Comparison of Continuous Epidural and Intravenous Analgesia for Postoperative Pain Control in Pediatric Lower Extremity Surgery. <i>Yonsei Medical Journal</i> , 2004, 45, 789.	2.2	5
41	Role of VVZ-149, a Novel Analgesic Molecule, in the Affective Component of Pain: Results from an Exploratory Proof-of-Concept Study of Postoperative Pain following Laparoscopic and Robotic-Laparoscopic Gastrectomy. <i>Pain Medicine</i> , 2021, 22, 2037-2049.	1.9	5
42	Influence of Deep Neuromuscular Blockade on Perioperative Stress Response in Patients Undergoing Robot-Assisted Gastrectomy: A Prospective Double-Blinded Randomized-Controlled Trial. <i>Journal of Personalized Medicine</i> , 2021, 11, 1308.	2.5	5
43	The usefulness of the laryngeal mask airway Fastrach for laryngeal surgery. <i>European Journal of Anaesthesiology</i> , 2010, 27, 20-23.	1.7	4
44	Fluid therapy: classification and characteristics of intravenous fluids. <i>Journal of the Korean Medical Association</i> , 2010, 53, 1103.	0.3	4
45	PCR-linked reverse DNA hybridization using oligonucleotide-specific probes of rpoB for identification of <i>Mycobacterium avium</i> and <i>Mycobacterium intracellulare</i> . <i>Journal of Microbiological Methods</i> , 2010, 83, 291-295.	1.6	2
46	Effects of long periods of pneumoperitoneum combined with the head-up position on heart rate-corrected QT interval during robotic gastrectomy: an observational study. <i>Journal of International Medical Research</i> , 2018, 46, 4586-4595.	1.0	2
47	The Effects of Preemptive Intravenous Ketorolac for Total Hip Replacement Patients. <i>Daehan Macwi'gwa Haghoeji</i> , 1998, 35, 511.	0.2	2
48	Risk factors and safety measures in the operation room. <i>Journal of the Korean Medical Association</i> , 2011, 54, 730.	0.3	1
49	Transtracheal High-frequency Jet Ventilation using a Two-lumen Central Venous Catheter for Laryngomicrosurgery - A case report -. <i>Daehan Macwi'gwa Haghoeji</i> , 2008, 54, S40.	0.2	1
50	Partial Obstruction of an Armored Endotracheal Tube during a Carotid Endarterectomy due to Tracheal Deviation in a Pneumonectomized Patient. <i>Daehan Macwi'gwa Haghoeji</i> , 2001, 41, 105.	0.2	1
51	Psoas Compartment Block for Hip Arthroplasty in Geriatric Patients. <i>Daehan Macwi'gwa Haghoeji</i> , 1995, 28, 428.	0.2	1
52	The Effect of the Injected Volume on the Spread of Spinal Anesthesia with Hypobaric Tetracaine. <i>Daehan Macwi'gwa Haghoeji</i> , 2001, 41, 159.	0.2	0
53	Duration of Bupivacaine Mixed by Lidocaine in Hyperbaric Spinal Anesthesia. <i>Daehan Macwi'gwa Haghoeji</i> , 2004, 46, 679.	0.2	0
54	Functional Mapping of Nervous System Using Optical Imaging Techniques. <i>Journal of the Korean Medical Association</i> , 2009, 52, 69.	0.3	0

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55	New Trend of Pain Study by Brain Imaging Devices. Journal of the Korean Medical Association, 2009, 52, 182.	0.3	0
56	Analysis and Expression of Cloning of rpoB Gene of Drug-Resistant Mycobacterium tuberculosis. The Journal of the Korean Institute of Information and Communication Engineering, 2013, 17, 1005-1009.	0.1	0
57	Changes of Lung Compliance with Oxygen Toxicity in Rat. Daehan Macwi'gwa Haghoeji, 1994, 27, 690.	0.2	0
58	Intra-articular Morphine for Pain Relief after Arthroscopic Knee Surgery. Daehan Macwi'gwa Haghoeji, 1998, 35, 120.	0.2	0
59	The Comparison of the Effects of Various Crystalloid Solutions on the Resuscitation in Rabbits with Acute Hemorrhagic Shock. Daehan Macwi'gwa Haghoeji, 1998, 35, 16.	0.2	0
60	Accidental Insertion of Entire Catheter in the Right Femoral Vein during Central Venous Catheterization: A case report. Daehan Macwi'gwa Haghoeji, 1999, 37, 511.	0.2	0