

# Hyun Jeong Kim

## List of Publications by Year in descending order

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69  
papers

751  
citations

567281  
15  
h-index

580821  
25  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Network Properties in Transitions of Consciousness during Propofol-induced Sedation. <i>Scientific Reports</i> , 2017, 7, 16791.	3.3	112
2	A New Technique to Reduce Epistaxis and Enhance Navigability During Nasotracheal Intubation. <i>Anesthesia and Analgesia</i> , 2007, 105, 1420-1424.	2.2	57
3	Fabrication of bi-layer scaffold of keratin nanofiber and gelatin-methacrylate hydrogel: Implications for skin graft. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 541-548.	7.5	56
4	A NOVEL PIEZOELECTRIC PVDF FILM-BASED PHYSIOLOGICAL SENSING BELT FOR A COMPLEMENTARY RESPIRATION AND HEARTBEAT MONITORING SYSTEM. <i>Integrated Ferroelectrics</i> , 2009, 107, 53-68.	0.7	42
5	Rapid Turnover of Cortical NCAM1 Regulates Synaptic Reorganization after Peripheral Nerve Injury. <i>Cell Reports</i> , 2018, 22, 748-759.	6.4	35
6	Surface coating of hydroxyapatite on silk nanofiber through biomineralization using ten times concentrated simulated body fluid and the evaluation for bone regeneration. <i>Macromolecular Research</i> , 2014, 22, 710-716.	2.4	27
7	Spatio-temporal dynamics of multimodal EEG-fNIRS signals in the loss and recovery of consciousness under sedation using midazolam and propofol. <i>PLoS ONE</i> , 2017, 12, e0187743.	2.5	27
8	Effects of botulinum toxin type A on the superior cervical ganglia in rabbits. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 102, 8-12.	2.8	26
9	3D braid scaffolds for regeneration of articular cartilage. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 34, 37-46.	3.1	26
10	3D Printing of Polyethylene Terephthalate Glycol/Sepiolite Composites with Nanoscale Orientation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 23453-23463.	8.0	26
11	Dental anesthesia for patients with allergic reactions to lidocaine: two case reports. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 209.	1.0	22
12	Effect of RGDS and KRSR peptides immobilized on silk fibroin nanofibrous mats for cell adhesion and proliferation. <i>Macromolecular Research</i> , 2010, 18, 442-448.	2.4	20
13	Enhanced Expression of TREK-1 Is Related with Chronic Constriction Injury of Neuropathic Pain Mouse Model in Dorsal Root Ganglion. <i>Biomolecules and Therapeutics</i> , 2016, 24, 252-259.	2.4	20
14	Validation of the Conversion between the Mini-Mental State Examination and Montreal Cognitive assessment in Korean Patients with Parkinson's Disease. <i>Journal of Movement Disorders</i> , 2018, 11, 30-34.	1.3	18
15	Tri-layered silk fibroin and poly-ε-caprolactone small diameter vascular grafts tested in vitro and in vivo. <i>Macromolecular Research</i> , 2015, 23, 924-936.	2.4	16
16	Comparison of the efficacy and safety of 2% lidocaine HCl with different epinephrine concentration for local anesthesia in participants undergoing surgical extraction of impacted mandibular third molars. <i>Medicine (United States)</i> , 2017, 96, e6753.	1.0	15
17	cAMP/Protein Kinase A Signaling Inhibits Dlx5 Expression via Activation of CREB and Subsequent C/EBPβ Induction in 3T3-L1 Preadipocytes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3161.	4.1	13
18	Effect of subcutaneous treatment with human umbilical cord blood-derived multipotent stem cells on peripheral neuropathic pain in rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2017, 21, 153.	1.2	12

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19	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
20	Comparative evaluation of the efficacy, safety, and hemostatic effect of 2% lidocaine with various concentrations of epinephrine. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2018, 18, 143.	1.0	10
21	Identifying the more suitable nostril for nasotracheal intubation using radiographs. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 103.	1.0	9
22	Prognosis following dental implant treatment under general anesthesia in patients with special needs. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017, 17, 205.	1.0	9
23	Effects on postoperative nausea and vomiting of nefopam versus fentanyl following bimaxillary orthognathic surgery: a prospective double-blind randomized controlled trial. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2019, 19, 55.	1.0	8
24	Effects of airway evaluation parameters on the laryngeal view grade in mandibular prognathism and retrognathism patients. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 185.	1.0	7
25	Clinical considerations in the use of forced-air warming blankets during orthognathic surgery to avoid postanesthetic shivering. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015, 15, 193.	1.0	6
26	Developmental procedures for the clinical practice guidelines for conscious sedation in dentistry for the Korean Academy of Dental Sciences. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 253.	1.0	6
27	Learning fiberoptic intubation for awake nasotracheal intubation. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017, 17, 297.	1.0	6
28	Prognosis after treatment with multiple dental implants under general anesthesia and sedation in a cerebral palsy patient with mental retardation: A case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017, 17, 149.	1.0	6
29	Analysis of the effect of oral midazolam and triazolam premedication before general anesthesia in patients with disabilities with difficulty in cooperation. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2018, 18, 245.	1.0	6
30	Alteration of coupling between brain and heart induced by sedation with propofol and midazolam. <i>PLoS ONE</i> , 2019, 14, e0219238.	2.5	6
31	A clinical pilot study of jawbone mineral density measured by the newly developed dual-energy cone-beam computed tomography method compared to calibrated multislice computed tomography. <i>Imaging Science in Dentistry</i> , 2019, 49, 295.	1.8	6
32	A retrospective analysis of outpatient anesthesia management for dental treatment of patients with severe Alzheimer's disease. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017, 17, 271.	1.0	5
33	Intravenous Administration of Substance P Attenuates Mechanical Allodynia Following Nerve Injury by Regulating Neuropathic Pain-Related Factors. <i>Biomolecules and Therapeutics</i> , 2017, 25, 259-265.	2.4	5
34	A development of mechanism for reducing snoring. , 2010, , .		4
35	Fabrication of wrinkled surfaces on polymer substrates by using ion implantation. <i>Journal of the Korean Physical Society</i> , 2012, 61, 297-300.	0.7	4
36	Use of ADMSâ„¢ during sedation for dental treatment of an intellectually disabled patient: a case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 217.	1.0	4

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37	Dexmedetomidine intravenous sedation using a patient-controlled sedation infusion pump: a case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 55.	1.0	4
38	Anesthetic management for simultaneous drug-induced sleep endoscopy and maxillomandibular advancement in a patient with obstructive sleep apnea. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017, 17, 71.	1.0	4
39	Effects site concentrations of propofol using target-controlled infusion in dental treatment under deep sedation among different intellectual disability types. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2019, 19, 217.	1.0	4
40	Risk factors affecting the difficulty of fiberoptic nasotracheal intubation. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2020, 20, 293.	1.0	4
41	Optimal length of the pre-inserted tracheal tube for excellent view in nasal fiberoptic intubation. <i>Journal of Anesthesia</i> , 2016, 30, 187-192.	1.7	3
42	The effect of dental scaling noise during intravenous sedation on acoustic respiration rate (RRa <sub>ac</sub> ). <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2018, 18, 97.	1.0	3
43	A development of pillow for detection and restraining of snoring. , 2010, , .		2
44	Circadian variation of IV PCA use in patients after orthognathic surgery - a retrospective comparative study. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015, 15, 141.	1.0	2
45	Orotracheal intubation in a patient with difficult airway by using fiberoptic nasotracheal intubation: A case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2018, 18, 125.	1.0	2
46	Changes of knowledge and practical skills before and after retraining for basic life support: Focused on students of Dental School. <i>International Journal of Medical Sciences</i> , 2020, 17, 3082-3090.	2.5	2
47	Multiple implant therapy with multiple inductions of general anesthesia in non-compliant patients with schizophrenia: A case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2019, 19, 239.	1.0	2
48	A Prospective Study on Complications after Nasotracheal Intubation in Oral and Maxillofacial Surgery Patients. <i>Daehan Macwi'gwa Haghoeji</i> , 2000, 39, 72.	0.2	2
49	A novel technique of submandibular intubation with a camera cable drape: a case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2020, 20, 155.	1.0	2
50	Analysis of changes and trends in the use of sedatives in dental sedation using data from the National Health Insurance in Korea. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2022, 22, 49.	1.0	2
51	Intravenous Sedation in Dentistry. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2004, 4, 1.	0.1	1
52	Combitube insertion in the situation of acute airway obstruction after extubation in patients underwent two-jaw surgery. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015, 15, 235.	1.0	1
53	Emergency response team activation in the outpatient clinic of a single dental teaching hospital in Korea: a retrospective study of 10 years' records. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015, 15, 77.	1.0	1
54	Local anesthesia of the temporomandibular joint to reduce pain during mouth opening for dental treatment in a patient with spinal muscular atrophy. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 137.	1.0	1

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55	Deep sedation for dental treatment in a Down syndrome patient with Eisenmenger syndrome: A case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 67.	1.0	1
56	Airway management in pediatric tongue flap division for oronasal fistula closure: A case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2018, 18, 309.	1.0	1
57	Cardiac arrest due to an unexpected acute myocardial infarction during head and neck surgery: A case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2018, 18, 57.	1.0	1
58	Nasotracheal Intubation Using Fiberoptic Bronchoscope and Guidewire in a Pediatric Mandibular Fracture Patient: A case report. <i>Daehan Macwi'gwa Haghoeji</i> , 1999, 36, 162.	0.2	1
59	Effect of Famotidine Premedication on Volume and Acidity of Gastric Contents during General Anesthesia. <i>Daehan Macwi'gwa Haghoeji</i> , 2001, 40, 443.	0.2	1
60	Surgical Invasiveness is Important for Determining Severity of Postoperative Pain after Oral & Maxillofacial Surgery. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2011, 11, 9.	0.1	1
61	Potential of Polarized PVDF/Carbon Nanotube Nanocomposite Scaffolds for Cell Growth. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1718, 15-20.	0.1	0
62	EEG-based Classification of Consciousness during Sedation Using Global Spectra Principal Components. , 2017, , .		0
63	An anesthetic management of head and neck cancer reconstructive surgery in a patient having hemophilia A: a case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2021, 21, 261.	1.0	0
64	Inhalation sedation in dentistry. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2001, 1, 1.	0.1	0
65	Executive summary of American Dental Association Sedation Guideline. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2007, 7, 27.	0.1	0
66	Target Controlled Conscious Sedation with Propofol and Remifentanil for the Extraction of Impacted Wisdom Teeth. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2010, 10, 159.	0.1	0
67	Study on the trends in Korean clinical practice guidelines development. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 31.	1.0	0
68	Treatment of severe pain in a patient with complex regional pain syndrome undergoing dental treatment under general anesthesia: A case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2019, 19, 295.	1.0	0
69	Analysis of sedation and general anesthesia in patients with special needs in dentistry using the Korean healthcare big data. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2022, 22, 205.	1.0	0