

Jae Hoon Lee

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

2,812
citations

201674

27
h-index

206112

48
g-index

123
all docs

123
docs citations

123
times ranked

4231
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo cortical spreading pattern of tau and amyloid in the Alzheimer disease spectrum. <i>Annals of Neurology</i> , 2016, 80, 247-258.	5.3	375
2	Tau PET in Alzheimer disease and mild cognitive impairment. <i>Neurology</i> , 2016, 87, 375-383.	1.1	208
3	Therapeutic effects of human mesenchymal stem cell microvesicles in an ex vivo perfused human lung injured with severe <i>E. coli</i> pneumonia. <i>Thorax</i> , 2019, 74, 43-50.	5.6	166
4	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.	3.4	127
5	Mesenchymal Stem Cell Microvesicles Restore Protein Permeability Across Primary Cultures of Injured Human Lung Microvascular Endothelial Cells. <i>Stem Cells Translational Medicine</i> , 2018, 7, 615-624.	3.3	90
6	Mesenchymal Stem Cell-Derived Extracellular Vesicles Decrease Lung Injury in Mice. <i>Journal of Immunology</i> , 2019, 203, 1961-1972.	0.8	81
7	Progressive Tau Accumulation in Alzheimer Disease: 2-Year Follow-up Study. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1611-1621.	5.0	75
8	Effects of Beach-Chair Position and Induced Hypotension on Cerebral Oxygen Saturation in Patients Undergoing Arthroscopic Shoulder Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011, 27, 889-894.	2.7	73
9	Off-Target ¹⁸ F-AV-1451 Binding in the Basal Ganglia Correlates with Age-Related Iron Accumulation. <i>Journal of Nuclear Medicine</i> , 2018, 59, 117-120.	5.0	70
10	Excessive tau accumulation in the parieto-occipital cortex characterizes early-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 53, 103-111.	3.1	66
11	Effect of APOE ϵ 4 genotype on amyloid- β 2 and tau accumulation in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 140.	6.2	61
12	Prognostic value of ¹⁸ F-FDG PET for hepatocellular carcinoma patients treated with sorafenib. <i>Liver International</i> , 2011, 31, 1144-1149.	3.9	56
13	Distinct patterns of amyloid- β -dependent tau accumulation in Lewy body diseases. <i>Movement Disorders</i> , 2018, 33, 262-272.	3.9	54
14	Therapeutic use of mesenchymal stem cell-derived extracellular vesicles in acute lung injury. <i>Transfusion</i> , 2019, 59, 876-883.	1.6	53
15	Differential effects of lidocaine and remifentanyl on response to the tracheal tube during emergence from general anaesthesia. <i>British Journal of Anaesthesia</i> , 2011, 106, 410-415.	3.4	52
16	Analgesic efficacy of caudal dexamethasone combined with ropivacaine in children undergoing orchiopexy. <i>British Journal of Anaesthesia</i> , 2014, 112, 885-891.	3.4	52
17	Risk Stratification of Gallbladder Polyps (\geq 2 cm) for Surgical Intervention with ¹⁸ F-FDG PET/CT. <i>Journal of Nuclear Medicine</i> , 2012, 53, 353-358.	5.0	48
18	Low-Dose Dexmedetomidine Reduces Emergence Agitation after Desflurane Anaesthesia in Children Undergoing Strabismus Surgery. <i>Yonsei Medical Journal</i> , 2014, 55, 508.	2.2	47

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19	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.	2.5	43
20	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.	3.3	39
21	Predicted sequence of cortical tau and amyloid- β^2 deposition in Alzheimer disease spectrum. <i>Neurobiology of Aging</i> , 2018, 68, 76-84.	3.1	39
22	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.	2.5	36
23	Impact of caudal block on postoperative complications in children undergoing tubularised incised plate urethroplasty for hypospadias repair: a retrospective cohort study. <i>Anaesthesia</i> , 2016, 71, 773-778.	3.8	35
24	Erythropoietin Attenuates Postoperative Cognitive Dysfunction by Shifting Macrophage Activation toward the M2 Phenotype. <i>Frontiers in Pharmacology</i> , 2017, 8, 839.	3.5	35
25	The Effects of Intravenous Lidocaine Infusions on the Quality of Recovery and Chronic Pain After Robotic Thyroidectomy: A Randomized, Double-Blinded, Controlled Study. <i>World Journal of Surgery</i> , 2017, 41, 1305-1312.	1.6	34
26	A randomized comparison of the <i>gel</i> with the self-pressurized air ^Q intubating laryngeal airway in children. <i>Paediatric Anaesthesia</i> , 2015, 25, 405-412.	1.1	33
27	Therapeutic Effects of Hyaluronic Acid in Bacterial Pneumonia in <i>Ex Vivo</i> Perfused Human Lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1234-1245.	5.6	29
28	Intravenously Administered Lidocaine and Magnesium During Thyroid Surgery in Female Patients for Better Quality of Recovery After Anesthesia. <i>Anesthesia and Analgesia</i> , 2018, 127, 635-641.	2.2	28
29	Saponin Extracts Induced Apoptosis of Endometrial Cells From Women With Endometriosis Through Modulation of miR-21-5p. <i>Reproductive Sciences</i> , 2018, 25, 292-301.	2.5	24
30	Temporal trajectories of <i>in vivo</i> tau and amyloid- β^2 accumulation in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2879-2886.	6.4	24
31	The Neuroprotective Effect of Agmatine After Focal Cerebral Ischemia in Diabetic Rats. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 39-50.	1.2	23
32	Ginsenoside Rg3 Decreases Fibrotic and Invasive Nature of Endometriosis by Modulating miRNA-27b: <i>In Vitro</i> and <i>In Vivo</i> Studies. <i>Scientific Reports</i> , 2017, 7, 17670.	3.3	23
33	Postoperative Levonorgestrel-Releasing Intrauterine System Insertion After Gonadotropin-Releasing Hormone Agonist Treatment for Preventing Endometriotic Cyst Recurrence: A Prospective Observational Study. <i>Reproductive Sciences</i> , 2018, 25, 39-43.	2.5	23
34	Determination of EC95 of Remifentanyl for Smooth Emergence From Propofol Anesthesia in Patients Undergoing Transsphenoidal Surgery. <i>Journal of Neurosurgical Anesthesiology</i> , 2015, 27, 160-166.	1.2	21
35	Effectiveness of Dienogest for Treatment of Recurrent Endometriosis: Multicenter Data. <i>Reproductive Sciences</i> , 2018, 25, 1515-1522.	2.5	21
36	Effect of caudal block using different volumes of local anaesthetic on optic nerve sheath diameter in children: a prospective, randomized trial. <i>British Journal of Anaesthesia</i> , 2017, 118, 781-787.	3.4	19

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37	Hormone autocrination by vascularized hydrogel delivery of ovary spheroids to rescue ovarian dysfunctions. <i>Science Advances</i> , 2021, 7, .	10.3	19
38	Comparison of Emergence Time in Children Undergoing Minor Surgery According to Anesthetic: Desflurane and Sevoflurane. <i>Yonsei Medical Journal</i> , 2013, 54, 732.	2.2	18
39	The Anti-inflammatory Effects of Agmatine on Transient Focal Cerebral Ischemia in Diabetic Rats. <i>Journal of Neurosurgical Anesthesiology</i> , 2016, 28, 203-213.	1.2	18
40	Intranasal Administration of Interleukin-1 Receptor Antagonist in a Transient Focal Cerebral Ischemia Rat Model. <i>Biomolecules and Therapeutics</i> , 2017, 25, 149-157.	2.4	18
41	Effect of the Prolonged Inspiratory to Expiratory Ratio on Oxygenation and Respiratory Mechanics During Surgical Procedures. <i>Medicine (United States)</i> , 2016, 95, e3269.	1.0	17
42	Comparison of the laryngeal mask airway supreme and the i-gel in paralysed elderly patients. <i>European Journal of Anaesthesiology</i> , 2018, 35, 598-604.	1.7	17
43	A pharmacodynamic analysis of factors affecting recovery from anesthesia with propofol-remifentanil target controlled infusion. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 1080-1084.	6.1	15
44	Efficacy of Intrathecal Morphine Combined with Intravenous Analgesia versus Thoracic Epidural Analgesia after Gastrectomy. <i>Yonsei Medical Journal</i> , 2014, 55, 1106.	2.2	15
45	Effect of sex hormones on coronavirus disease 2019: an analysis of 5,061 laboratory-confirmed cases in South Korea. <i>Menopause</i> , 2020, 27, 1376-1381.	2.0	15
46	Low PR in ER(+)/HER2(âˆ”) breast cancer: high rates of TP53 mutation and high SUV. <i>Endocrine-Related Cancer</i> , 2019, 26, 177-185.	3.1	15
47	Comparison of the antitussive effect of remifentanil during recovery from propofol and sevoflurane anaesthesia*. <i>Anaesthesia</i> , 2012, 67, 765-770.	3.8	14
48	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.	3.3	14
49	Evaluation of Bone Metastasis from Hepatocellular Carcinoma Using 18F-FDG PET/CT and 99mTc-HDP Bone Scintigraphy: Characteristics of Soft Tissue Formation. <i>Nuclear Medicine and Molecular Imaging</i> , 2011, 45, 203-211.	1.0	13
50	Human Radiation Dosimetry of [18F]AV-1451(T807) to Detect Tau Pathology. <i>Molecular Imaging and Biology</i> , 2016, 18, 479-482.	2.6	13
51	MiR-150-5p May Contribute to Pathogenesis of Human Leiomyoma via Regulation of the Akt/p27Kip1 Pathway In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2684.	4.1	13
52	The role of gonadotropin-releasing hormone agonists in female fertility preservation. <i>Clinical and Experimental Reproductive Medicine</i> , 2021, 48, 11-26.	1.5	13
53	Transcatheter Embolization of the Middle Sacral Artery: Collateral Feeder in Recurrent Rectal Bleeding. <i>American Journal of Roentgenology</i> , 2004, 182, 1055-1057.	2.2	12
54	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.	2.5	12

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55	Primary malignant melanoma of cervix and vagina. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 415.	1.6	12
56	Association Between Impairment of DNA Double Strand Break Repair and Decreased Ovarian Reserve in Patients With Endometriosis. <i>Frontiers in Endocrinology</i> , 2018, 9, 772.	3.5	12
57	Significance of Metabolic Tumor Volume and Total Lesion Glycolysis Measured Using ¹⁸ F-FDG PET/CT in Locally Advanced and Metastatic Gallbladder Carcinoma. <i>Yonsei Medical Journal</i> , 2019, 60, 604.	2.2	12
58	Effect of sevoflurane on grafted kidney function in renal transplantation. <i>Korean Journal of Anesthesiology</i> , 2012, 62, 529.	2.5	11
59	Genetic analysis of ovarian microcystic stromal tumor. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 157.	1.6	11
60	A Randomized Comparison of Remifentanyl Target-Controlled Infusion Versus Dexmedetomidine Single-Dose Administration. <i>American Journal of Therapeutics</i> , 2016, 23, e690-e696.	0.9	11
61	Trichostatin A Induces NAG-1 Expression and Apoptosis in Human Endometriotic Stromal Cells. <i>Reproductive Sciences</i> , 2018, 25, 1349-1356.	2.5	11
62	Potential roles of aquaporin 9 in the pathogenesis of endometriosis. <i>Molecular Human Reproduction</i> , 2019, 25, 373-384.	2.8	11
63	Therapeutic Effects of Hyaluronic Acid in Peritonitis-Induced Sepsis in Mice. <i>Shock</i> , 2020, 54, 488-497.	2.1	11
64	Using ¹⁸ F-FDG PET/CT to Detect an Occult Mesenchymal Tumor Causing Oncogenic Osteomalacia. <i>Nuclear Medicine and Molecular Imaging</i> , 2011, 45, 233-237.	1.0	10
65	Does the type of anesthetic agent affect remifentanyl effect-site concentration for preventing endotracheal tube-induced cough during anesthetic emergence? Comparison of propofol, sevoflurane, and desflurane. <i>Journal of Clinical Anesthesia</i> , 2014, 26, 466-474.	1.6	10
66	Use of the Endometriosis Fertility Index to Predict Natural Pregnancy after Endometriosis Surgery: A Single-Center Study. <i>Gynecologic and Obstetric Investigation</i> , 2019, 84, 86-93.	1.6	9
67	Effect of A/T/N imaging biomarkers on impaired odor identification in Alzheimer's disease. <i>Scientific Reports</i> , 2020, 10, 11556.	3.3	9
68	Independent risk factors for adverse events associated with propofol-based pediatric sedation performed by anesthesiologists in the radiology suite: a prospective observational study. <i>European Journal of Pediatrics</i> , 2021, 180, 1413-1422.	2.7	9
69	Can quality of recovery be enhanced by premedication with midazolam?. <i>Medicine (United States)</i> , 2017, 96, e6107.	1.0	8
70	Principal components of tau positron emission tomography and longitudinal tau accumulation in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 114.	6.2	8
71	Multiple cerebral infarction and paradoxical air embolism during hepatectomy using the Cavitron Ultrasonic Surgical Aspirator -A case report-. <i>Korean Journal of Anesthesiology</i> , 2010, 59, S133.	2.5	8
72	Predictors of False-Negative Results from Percutaneous Transthoracic Fine-Needle Aspiration Biopsy: An Observational Study from a Retrospective Cohort. <i>Yonsei Medical Journal</i> , 2016, 57, 1243.	2.2	7

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73	A risk prediction model for medical treatment failure in tubal pregnancy. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 225, 148-154.	1.1	6
74	Clinical efficacy of the classic laryngeal mask airway in elderly patients: a comparison with young adult patients. <i>Korean Journal of Anesthesiology</i> , 2015, 68, 568.	2.5	6
75	An evaluation of contrast medium spread on caudal epidurography with the needle positioned toward the affected side in patients with unilateral lumbosacral radiculopathy. <i>Skeletal Radiology</i> , 2012, 41, 1613-1618.	2.0	5
76	Comparison of congenital malformations among babies born after administration of letrozole or clomiphene citrate for infertility treatment in a Korean cohort. <i>Reproductive Toxicology</i> , 2018, 82, 88-93.	2.9	5
77	Identification of Serum Biomarkers for Diagnosis of Endometriosis Using Multiplex Immunoassays. <i>Reproductive Sciences</i> , 2020, 27, 1139-1147.	2.5	5
78	Cytokines in culture media of preimplantation embryos during in vitro fertilization: Impact on embryo quality. <i>Cytokine</i> , 2021, 148, 155714.	3.2	5
79	MicroRNA-139-5p Regulates Fibrotic Potentials via Modulation of Collagen Type 1 and Phosphorylated p38 MAPK in Uterine Leiomyoma. <i>Yonsei Medical Journal</i> , 2021, 62, 726.	2.2	5
80	Clinical Impact of Hormone Replacement Therapy on Atrial Fibrillation in Postmenopausal Women: A Nationwide Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5497.	2.4	5
81	Role of B-Cell Translocation Gene 1 in the Pathogenesis of Endometriosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3372.	4.1	4
82	Optimal positive end-expiratory pressure to prevent anaesthesia-induced atelectasis in infants. <i>European Journal of Anaesthesiology</i> , 2021, 38, 1019-1025.	1.7	4
83	Contraception in the COVID-19 pandemic: recommendations from the Korean society of contraception and reproductive health. <i>Obstetrics and Gynecology Science</i> , 2022, , .	1.6	4
84	Efficacy of preemptive analgesia on acute postoperative pain in children undergoing major orthopedic surgery of the lower extremities. <i>Journal of Pain Research</i> , 2018, Volume 11, 2061-2070.	2.0	3
85	Predictive Factors of Conception and the Cumulative Pregnancy Rate in Subfertile Couples Undergoing Timed Intercourse With Ultrasound. <i>Frontiers in Endocrinology</i> , 2021, 12, 650883.	3.5	3
86	Hormone Therapy in the Era of the COVID-19 Pandemic: A Review. <i>Journal of Menopausal Medicine</i> , 2022, 28, 1.	1.1	3
87	Operative hysteroscopy-assisted pregnancy termination after failed surgical abortion in missed abortion of woman with complete septate uterus. <i>Obstetrics and Gynecology Science</i> , 2020, 63, 102.	1.6	2
88	BRAK and APRIL as novel biomarkers for ovarian tumors. <i>Biomarkers in Medicine</i> , 2022, 16, 717-729.	1.4	2
89	Caudal block under ultrasound guidance. <i>Canadian Journal of Anaesthesia</i> , 2005, 52, A92-A92.	1.6	1
90	Influence of caudal block on postoperative oliguria in infants undergoing bilateral ureteroneocystostomy: a retrospective analysis. <i>Paediatric Anaesthesia</i> , 2017, 27, 695-701.	1.1	1

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91	[P1â€“386]: DISTINCT TAU ACCUMULATION PATTERN IN DEMENTIA WITH LEWY BODY. Alzheimer's and Dementia, 2017, 13, P414.	0.8	1
92	Epidural bolus versus continuous epidural infusion analgesia on optic nerve sheath diameter in paediatric patients: A prospective, double-blind, randomised trial. Scientific Reports, 2020, 10, 5477.	3.3	1
93	Aberrant Expression of Sodium-Potassium-Chloride Cotransporter in Endometriosis. Reproductive Sciences, 2021, 28, 2641-2648.	2.5	1
94	Administration of red ginseng regulates microRNA expression in a mouse model of endometriosis. Clinical and Experimental Reproductive Medicine, 2021, 48, 337-346.	1.5	1
95	F-18 FDG PET Features of Progressive Massive Fibrosis in Patients with Pneumoconiosis. Journal of the Korean Radiological Society, 2008, 59, 255.	0.0	1
96	Perioperative management of elderly patients undergoing surgery with regional anesthesia. Journal of the Korean Medical Association, 2015, 58, 737.	0.3	1
97	Updated guideline for clinical evaluation and management of endometriosis. Journal of the Korean Medical Association, 2019, 62, 525.	0.3	1
98	Comparison of Serum Anti-Mullerian Hormone-Level Changes in Single-Port Laparoscopic Endometriotic and Non-Endometriotic Ovarian Cyst Enucleations. Journal of Menopausal Medicine, 2021, 27, 168.	1.1	1
99	Impact of Diabetes Mellitus on Radial and Ulnar Arterial Vasoreactivity after Radial Artery Cannulation: A Randomized Controlled trial. International Journal of Medical Sciences, 2016, 13, 701-707.	2.5	0
100	[S2â€“01â€“04]: IN VIVO CORTICAL SPREADING OF TAU AND AMYLOID. Alzheimer's and Dementia, 2017, 13, P540.	0.8	0
101	ICâ€“Pâ€“164: MEDIAL TEMPORAL TAU CAN BE A PREDICTOR OF AMYLOIDâ€“POSITIVITY IN MILD COGNITIVE IMPAIRMENT. Alzheimer's and Dementia, 2019, 15, P130.	0.8	0
102	ICâ€“Pâ€“163: TEMPORAL TRAJECTORIES OF IN VIVO TAU AND AMYLOIDâ€“ ACCUMULATION IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2019, 15, P130.	0.8	0
103	Effect of A/T/N imaging biomarkers on impaired odor identification in Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e041700.	0.8	0
104	Effect of apolipoproteinâ€“1.4 genotype on amyloidâ€“2 and tau accumulation in Alzheimerâ€“TM's disease. Alzheimer's and Dementia, 2020, 16, e042284.	0.8	0
105	Longitudinal changes in A/T/N imaging biomarkers in earlyâ€“onset and lateâ€“onset Alzheimerâ€“TM's disease. Alzheimer's and Dementia, 2020, 16, e046718.	0.8	0
106	In reply. Menopause, 2021, 28, 726-727.	2.0	0
107	Delayed postpartum regression of theca lutein cysts with maternal virilization: A case report. Clinical and Experimental Reproductive Medicine, 2021, 48, 380-384.	1.5	0
108	The Effect of Preoperative Propranolol Medication on Dobutamine Infusion in Off-pump Coronary Artery Bypass Graft Surgery. Daehan Macwi'gwa Haghoeji, 2004, 46, 59.	0.2	0

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109	Triage Decision for ICU Admission and Patients' Outcome. Daehan Macwi'gwa Haghoeji, 2005, 49, 829.	0.2	0
110	Difficult intubation: lessons learned from the courts of South Korea. Korean Journal of Anesthesiology, 2021, 74, 463-464.	2.5	0
111	Long-term progression of amyloid and tau biomarker profiles: Four-year follow-up imaging study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
112	Towards clinical application of tau PET: Prognostics. Alzheimer's and Dementia, 2021, 17, .	0.8	0
113	Amyloid and tau PET imaging studies as a clinical prognostic marker in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
114	Nomogram for predicting postoperative pancreatic fistula after minimally invasive pancreaticoduodenectomy. Annals of Hepato-biliary-pancreatic Surgery, 2022, 26, S235-S235.	0.1	0
115	Cryopreservation of oocytes and embryos for fertility preservation. Journal of the Korean Medical Association, 2022, 65, 338-344.	0.3	0