

# Ji Eun Lee

## List of Publications by Year in descending order

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107  
papers

2,709  
citations

201674

27  
h-index

206112

48  
g-index

107  
all docs

107  
docs citations

107  
times ranked

5109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional genomic screen for modulators of ciliogenesis and cilium length. <i>Nature</i> , 2010, 464, 1048-1051.	27.8	473
2	Preoperative gadoxetic acid-enhanced MRI for predicting microvascular invasion in patients with single hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2017, 67, 526-534.	3.7	299
3	CEP41 is mutated in Joubert syndrome and is required for tubulin glutamylation at the cilium. <i>Nature Genetics</i> , 2012, 44, 193-199.	21.4	157
4	Imaging Features of Gadoxetic Acid-enhanced and Diffusion-weighted MR Imaging for Identifying Cytokeratin 19-positive Hepatocellular Carcinoma: A Retrospective Observational Study. <i>Radiology</i> , 2018, 286, 897-908.	7.3	102
5	A systems-biology approach to understanding the ciliopathy disorders. <i>Genome Medicine</i> , 2011, 3, 59.	8.2	81
6	Off-Target Effect of doublecortin Family shRNA on Neuronal Migration Associated with Endogenous MicroRNA Dysregulation. <i>Neuron</i> , 2014, 82, 1255-1262.	8.1	79
7	TRIM31 promotes Atg5/Atg7-independent autophagy in intestinal cells. <i>Nature Communications</i> , 2016, 7, 11726.	12.8	74
8	Anemia is associated with incidence of dementia: a national health screening study in Korea involving 37,900 persons. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 94.	6.2	73
9	Role of autophagy in the pathogenesis of amyotrophic lateral sclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2517-2524.	3.8	70
10	Functional genome-wide siRNA screen identifies KIAA0586 as mutated in Joubert syndrome. <i>ELife</i> , 2015, 4, e06602.	6.0	64
11	Interobserver Variability and Diagnostic Performance of Gadoxetic Acid-enhanced MRI for Predicting Microvascular Invasion in Hepatocellular Carcinoma. <i>Radiology</i> , 2020, 297, 573-581.	7.3	61
12	Association Between Timed Up and Go Test and Future Dementia Onset. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1238-1243.	3.6	53
13	Perceived social support and its impact on depression and health-related quality of life: a comparison between cancer patients and general population. <i>Japanese Journal of Clinical Oncology</i> , 2017, 47, 728-734.	1.3	47
14	Determining Malignant Potential of Intraductal Papillary Mucinous Neoplasm of the Pancreas: CT versus MRI by Using Revised 2017 International Consensus Guidelines. <i>Radiology</i> , 2019, 293, 134-143.	7.3	46
15	Caregiver burden, patients' self-perceived burden, and preference for palliative care among cancer patients and caregivers. <i>Psycho-Oncology</i> , 2015, 24, 1545-1551.	2.3	45
16	<i>DGAT2</i> Mutation in a Family with Autosomal-Dominant Early-Onset Axonal Charcot-Marie-Tooth Disease. <i>Human Mutation</i> , 2016, 37, 473-480.	2.5	41
17	The first private-hospital based proton therapy center in Korea; status of the Proton Therapy Center at Samsung Medical Center. <i>Radiation Oncology Journal</i> , 2015, 33, 337.	1.5	40
18	Pre-operative ADC predicts early recurrence of HCC after curative resection. <i>European Radiology</i> , 2019, 29, 1003-1012.	4.5	40

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19	Anti-apoptotic Effects of Human Wharton's Jelly-derived Mesenchymal Stem Cells on Skeletal Muscle Cells Mediated via Secretion of XCL1. <i>Molecular Therapy</i> , 2016, 24, 1550-1560.	8.2	39
20	Association between cognitive impairment and poor antihypertensive medication adherence in elderly hypertensive patients without dementia. <i>Scientific Reports</i> , 2018, 8, 11688.	3.3	38
21	Boys with precocious or early puberty: incidence of pathological brain magnetic resonance imaging findings and factors related to newly developed brain lesions. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2013, 18, 183.	2.3	36
22	CNBP acts as a key transcriptional regulator of sustained expression of interleukin-6. <i>Nucleic Acids Research</i> , 2017, 45, 3280-3296.	14.5	36
23	Insulin Resistance Is a Risk Factor for Silent Lacunar Infarction. <i>Stroke</i> , 2016, 47, 2938-2944.	2.0	34
24	Breast Lesions in Children and Adolescents: Diagnosis and Management. <i>Korean Journal of Radiology</i> , 2018, 19, 978.	3.4	34
25	<sc><i>ADSSL</i></sc><i>1</i> mutation relevant to autosomal recessive adolescent onset distal myopathy. <i>Annals of Neurology</i> , 2016, 79, 231-243.	5.3	32
26	Effectiveness of mechanical thrombectomy in cancer-related stroke and associated factors with unfavorable outcome. <i>BMC Neurology</i> , 2021, 21, 57.	1.8	30
27	Prenatal diagnosis of congenital heart disease: Trends in pregnancy termination rate, and perinatal and 1-year infant mortalities in Korea between 1994 and 2005. <i>Journal of Obstetrics and Gynaecology Research</i> , 2010, 36, 474-478.	1.3	29
28	Genome-wide screen identifies novel machineries required for both ciliogenesis and cell cycle arrest upon serum starvation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1307-1318.	4.1	26
29	Function-driven discovery of disease genes in zebrafish using an integrated genomics big data resource. <i>Nucleic Acids Research</i> , 2016, 44, gkw897.	14.5	24
30	<sc>CEP</sc>41-mediated ciliary tubulin glutamylation drives angiogenesis through <sc>AURKA</sc>-dependent deciliation. <i>EMBO Reports</i> , 2020, 21, e48290.	4.5	23
31	The Effect of Nefopam on Postoperative Fentanyl Consumption: A Randomized, Double-blind Study. <i>Korean Journal of Pain</i> , 2016, 29, 110-118.	2.2	22
32	Kidney dysfunction and cerebral microbleeds in neurologically healthy adults. <i>PLoS ONE</i> , 2017, 12, e0172210.	2.5	21
33	Factors influencing attitudes toward advance directives in Korean older adults. <i>Archives of Gerontology and Geriatrics</i> , 2018, 74, 155-161.	3.0	20
34	One-Year Experience Managing a Cancer Survivorship Clinic Using a Shared-Care Model for Gastric Cancer Survivors in Korea. <i>Journal of Korean Medical Science</i> , 2016, 31, 859.	2.5	18
35	Reproducibility and diagnostic performance of the vascular index of superb microvascular imaging in real-time breast ultrasonography for evaluating breast masses. <i>Ultrasonography</i> , 2021, 40, 398-406.	2.3	18
36	STRAP Acts as a Scaffolding Protein in Controlling the TLR2/4 Signaling Pathway. <i>Scientific Reports</i> , 2016, 6, 38849.	3.3	17

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37	Impact of onset-to-door time on outcomes and factors associated with late hospital arrival in patients with acute ischemic stroke. PLoS ONE, 2021, 16, e0247829.	2.5	16
38	Primary Cilia in Glial Cells: An Oasis in the Journey to Overcoming Neurodegenerative Diseases. Frontiers in Neuroscience, 2021, 15, 736888.	2.8	16
39	Development of zebrafish medulloblastoma-like PNET model by TALEN-mediated somatic gene inactivation. Oncotarget, 2017, 8, 55280-55297.	1.8	14
40	Family-based exome sequencing and case-control analysis implicate CEP41 as an ASD gene. Translational Psychiatry, 2019, 9, 4.	4.8	13
41	Impact of Carcinomatosis on Clinical Outcomes after Self-Expandable Metallic Stent Placement for Malignant Gastric Outlet Obstruction. PLoS ONE, 2015, 10, e0140648.	2.5	12
42	Injury-stimulated Sonic hedgehog expression in microglia contributes to neuroinflammatory response in the MPTP model of Parkinson's disease. Biochemical and Biophysical Research Communications, 2017, 482, 980-986.	2.1	12
43	Pre-operative nomogram predicting malignant potential in the patients with intraductal papillary mucinous neoplasm of the pancreas: focused on imaging features based on revised international guideline. European Radiology, 2020, 30, 3711-3722.	4.5	12
44	Association of fall risk factors and non-motor symptoms in patients with early Parkinson's disease. Scientific Reports, 2021, 11, 5171.	3.3	12
45	Reference Values for Skeletal Muscle Mass at the Third Lumbar Vertebral Level Measured by Computed Tomography in a Healthy Korean Population. Endocrinology and Metabolism, 2021, 36, 672-677.	3.0	11
46	Ultrasonographic features of pure ductal carcinoma in situ of the breast: correlations with pathologic features and biological markers. Ultrasonography, 2018, 37, 307-314.	2.3	11
47	Kidney Dysfunction Impact on White Matter Hyperintensity Volume in Neurologically Healthy Adults. Scientific Reports, 2019, 9, 8596.	3.3	10
48	Impact of motor subtype on non-motor symptoms and fall-related features in patients with early Parkinson's disease. Geriatrics and Gerontology International, 2021, 21, 416-420.	1.5	10
49	Abdominal periaortic and renal sinus fat attenuation indices measured on computed tomography are associated with metabolic syndrome. European Radiology, 2022, 32, 395-404.	4.5	10
50	Increased Risk of Osteoporosis in Gastric Cancer Survivors Compared to General Population Control: A Study with Representative Korean Population. Cancer Research and Treatment, 2019, 51, 530-537.	3.0	10
51	Exploring socio-demographic, physical, psychological, and quality of life-related factors related with fear of cancer recurrence in stomach cancer survivors: a cross-sectional study. BMC Cancer, 2022, 22, 414.	2.6	10
52	Zebrafish is a central model to dissect the peripheral neuropathy. Genes and Genomics, 2019, 41, 993-1000.	1.4	9
53	Fibulin 5, a human Wharton's jelly-derived mesenchymal stem cells-secreted paracrine factor, attenuates peripheral nervous system myelination defects through the Integrin-RAC1 signaling axis. Stem Cells, 2020, 38, 1578-1593.	3.2	9
54	Deep learning image reconstruction algorithm for abdominal multidetector CT at different tube voltages: assessment of image quality and radiation dose in a phantom study. European Radiology, 2022, 32, 3974-3984.	4.5	9

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55	Computed tomographic features of inflammatory myofibroblastic tumour of the stomach in adult patients: An analysis of five multicentre cases with literature review. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018, 62, 769-776.	1.8	8
56	Compound heterozygous mutations of SH3TC2 in Charcotâ€“Marieâ€“Tooth disease type 4C patients. <i>Journal of Human Genetics</i> , 2019, 64, 961-965.	2.3	8
57	Pathway-specific protein domains are predictive for human diseases. <i>PLoS Computational Biology</i> , 2019, 15, e1007052.	3.2	8
58	ACOX3 Dysfunction as a Potential Cause of Recurrent Spontaneous Vasospasm of Internal Carotid Artery. <i>Translational Stroke Research</i> , 2020, 11, 1041-1051.	4.2	8
59	Inhibitory effects of PGE 2 on K + currents and Ca 2+ oscillations in rat pancreatic acinar cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2002, 444, 619-626.	2.8	7
60	Effects of KCNQ1 Channel Blocker, 293B, on the Acetylcholine-Induced Cl <sup>-</sup> Secretion of Rat Pancreatic Acini. <i>Pancreas</i> , 2004, 28, 435-442.	1.1	7
61	BAT3 negatively regulates lipopolysaccharide-induced NF- $\kappa$ B signaling through TRAF6. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 784-790.	2.1	7
62	Trends and Cut-Point Changes in Obesity Parameters by Age Groups Considering Metabolic Syndrome. <i>Journal of Korean Medical Science</i> , 2018, 33, e47.	2.5	7
63	Differentiating metastatic mucinous colorectal adenocarcinomas from simple cysts of the liver using contrast-enhanced and diffusion-weighted MRI. <i>British Journal of Radiology</i> , 2018, 91, 20180303.	2.2	7
64	Differentiating malignant from benign hyperintense nodules on unenhanced T1-weighted images in patients with chronic liver disease: using gadoxetic acid-enhanced and diffusion-weighted MR imaging. <i>Japanese Journal of Radiology</i> , 2018, 36, 489-499.	2.4	7
65	What Strategy Can be Applied to the Patients with Culture Positive Tuberculosis to Reduce Treatment Delay in a Private Tertiary Healthcare Center?. <i>Infection and Chemotherapy</i> , 2011, 43, 42.	2.3	7
66	Kidney dysfunction and silent brain infarction in generally healthy adults. <i>Journal of the Neurological Sciences</i> , 2017, 379, 89-93.	0.6	6
67	CT-based nomogram for predicting survival after R0 resection in patients with gallbladder cancer: a retrospective multicenter analysis. <i>European Radiology</i> , 2021, 31, 3336-3346.	4.5	6
68	Celecoxib-Induced Modulation of Colon Cancer CD133 Expression Occurs through AKT Inhibition and Is Monitored by <sup>89</sup> Zr Immuno-PET. <i>Molecular Imaging</i> , 2022, 2022, 4906934.	1.4	6
69	The effect of ketamine as an additive in epidural block on the intractable herpetic neuralgia: a case report. <i>Korean Journal of Anesthesiology</i> , 2014, 66, 64.	2.5	5
70	Genetic and clinical spectrums in Korean Charcotâ€“Marieâ€“Tooth disease patients with myelin protein zero mutations. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2021, 9, e1678.	1.2	5
71	Total Bilirubin Level as a Predictor of Suboptimal Image Quality of the Hepatobiliary Phase of Gadoxetic Acid-Enhanced MRI in Patients with Extrahepatic Bile Duct Cancer. <i>Korean Journal of Radiology</i> , 2022, 23, 389.	3.4	5
72	Genome-wide RNA interference screening reveals a COPI-MAP2K3 pathway required for YAP regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19994-20003.	7.1	4

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73	Delayed Isolation of Active Pulmonary Tuberculosis in Hospitalized Patients: A Pivotal Role of Radiologic Evaluation. <i>American Journal of Roentgenology</i> , 2020, 215, 359-366.	2.2	4
74	Modified Reduced Field-of-View Diffusion-Weighted Magnetic Resonance Imaging of the Prostate: Comparison With Reduced Field-of-View Imaging and Single Shot Echo-Planar Imaging. <i>Journal of Computer Assisted Tomography</i> , 2021, 45, 367-373.	0.9	4
75	Fibulin 5, a human Wharton's jelly-derived mesenchymal stem cells-secreted paracrine factor, attenuates peripheral nervous system myelination defects through the Integrin-RAC1 signaling axis. <i>Stem Cells</i> , 2020, , .	3.2	4
76	Therapeutic Potential of CKD-504, a Novel Selective Histone Deacetylase 6 Inhibitor, in a Zebrafish Model of Neuromuscular Junction Disorders. <i>Molecules and Cells</i> , 2022, 45, 231-242.	2.6	4
77	S-nitrosylated GAPDH mediates neuronal apoptosis induced by amyotrophic lateral sclerosis-associated mutant SOD1G93A. <i>Animal Cells and Systems</i> , 2016, 20, 310-316.	2.2	3
78	Tubby domain superfamily protein is required for the formation of the 7S SNARE complex in <i>Drosophila</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 814-820.	2.1	3
79	<i>Mycobacterium abscessus</i> Lung Disease in a Patient with Kartagener Syndrome. <i>Tuberculosis and Respiratory Diseases</i> , 2014, 77, 136.	1.8	2
80	Association of metabolic syndrome with mobility in the older adults: a Korean nationwide representative cross-sectional study. <i>Scientific Reports</i> , 2021, 11, 6605.	3.3	2
81	Cost-effectiveness and long-term outcomes of liver transplantation using hepatitis B core antibody-positive grafts with hepatitis B immunoglobulin prophylaxis in Korea. <i>Clinical and Molecular Hepatology</i> , 2021, 27, 603-615.	8.9	2
82	Concurrent Spontaneous Pneumocephalus and Subarachnoid Hemorrhage Due to <i>Klebsiella</i>		

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91	Electronic Cigarette or Vaping Product Use-Associated Lung Injury: A Case Report. Journal of the Korean Society of Radiology, 0, 82, .	0.2	1
92	Association between Dietary Protein Intake and Metabolic Syndrome in Korean Adults. Korean Journal of Family Practice, 2017, 7, 451-455.	0.3	1
93	Morphologic and Doppler Findings from Hepatic Ultrasonography of Normal Cynomolgus Monkeys (). Journal of the American Association for Laboratory Animal Science, 2017, 56, 177-180.	1.2	1
94	Comparison of Two Strategies to Increase Serum Vitamin D Levels in a Real-World Setting: Sunlight Exposure and Oral Supplementation. Journal of Nutritional Science and Vitaminology, 2021, 67, 384-390.	0.6	1
95	Mitotic control by mRNA splicing regulators ensures primary cilia formation. Animal Cells and Systems, 2017, 21, 17-22.	2.2	0
96	Sonographic diagnosis of coexisting ectopic thyroid and fourth branchial cleft cyst. Journal of Clinical Ultrasound, 2018, 46, 582-584.	0.8	0
97	Imaging Findings of Breast Metastasis from Squamous Cell Carcinoma of the Cervix: A Case Report. Journal of the Korean Society of Radiology, 2019, 80, 135.	0.2	0
98	A Comparative Study of Survivor Outcomes between Preoperative Evaluation Using CT Alone and Combined CT and MRI in Patients with Pancreatic Ductal Adenocarcinoma. Journal of the Korean Society of Radiology, 2021, 82, 638.	0.2	0
99	Perineal Metastatic Clear Cell Renal Cell Carcinoma: A Case Report. Journal of the Korean Society of Radiology, 2021, 82, 274.	0.2	0
100	Cortical Subarachnoid Hemorrhage Presenting with Hemibody Dystonic Myoclonus: An Illustrative Case. Journal of Movement Disorders, 2022, 15, 75-76.	1.3	0
101	A Case of Pulmonary Tumor Thrombotic Microangiopathy in a Patient with Advanced Gastric Cancer. Korean Journal of Medicine, 2014, 87, 593.	0.3	0
102	Risk for osteoporosis in gastric cancer survivorship.. Journal of Clinical Oncology, 2018, 36, 121-121.	1.6	0
103	Association of Metabolic Syndrome with White Matter Hyperintensity Volume in Neurologically Healthy Adults. Korean Journal of Family Practice, 2018, 8, 477-481.	0.3	0
104	Primary Pelvic Peritoneal Yolk Sac Tumor in the Post-Pubertal Female: a Case Report with Literature Review. Investigative Magnetic Resonance Imaging, 2019, 23, 367.	0.4	0
105	Impact of subjective dizziness on motor and non-motor symptoms in patients with early stages of Parkinson's disease. Journal of Integrative Neuroscience, 2022, 21, 003.	1.7	0
106	Correlation of timed barium esophagography with Eckardt score in primary achalasia patients treated with peroral endoscopic myotomy. Abdominal Radiology, 2022, 47, 538-546.	2.1	0
107	Atypical Hepatic Hemangioma with Fluid-Fluid Level on CT and MRI: Emphasis on Added Value of Contrast-Enhanced Ultrasound Findings. Journal of the Belgian Society of Radiology, 2022, 106, .	0.3	0