Mi-Jung Lee

List of Publications by Year
in descending order

111 papers	2,186 citations	304743 22 h-index	254184 43 g-index
113 all docs	113 docs citations	113 times ranked	2845 citing authors

#	Article	IF	Citations
1	Overcoming Artifacts from Metallic Orthopedic Implants at High-Field-Strength MR Imaging and Multi-detector CT. Radiographics, 2007, 27, 791-803.	3.3	479
2	Partially Cystic Thyroid Nodules on Ultrasound: Probability of Malignancy and Sonographic Differentiation. Thyroid, 2009, 19, 341-346.	4.5	106
3	Biliary Atresia: Color Doppler US Findings in Neonates and Infants. Radiology, 2009, 252, 282-289.	7.3	99
4	Age-related changes in liver, kidney, and spleen stiffness in healthy children measured with acoustic radiation force impulse imaging. European Journal of Radiology, 2013, 82, e290-e294.	2.6	96
5	Comparison of shear wave velocities on ultrasound elastography between different machines, transducers, and acquisition depths: a phantom study. European Radiology, 2016, 26, 3361-3367.	4.5	89
6	Morton neuroma: evaluated with ultrasonography and MR imaging. Korean Journal of Radiology, 2007, 8, 148.	3.4	67
7	Shear wave velocity measurements using acoustic radiation force impulse in young children with normal kidneys versus hydronephrotic kidneys. Ultrasonography, 2014, 33, 116-121.	2.3	49
8	Clinical Implications of Obstructed Hemivagina and Ipsilateral Renal Anomaly (OHVIRA) Syndrome in the Prepubertal Age Group. PLoS ONE, 2016, 11, e0166776.	2.5	47
9	Superb microvascular imaging for the detection of parenchymal perfusion in normal and undescended testes in young children. European Journal of Radiology, 2016, 85, 649-656.	2.6	47
10	Transient Elastography and Sonography for Prediction of Liver Fibrosis in Infants With Biliary Atresia. Journal of Ultrasound in Medicine, 2014, 33, 853-864.	1.7	45
11	Cytological Results of Ultrasound-Guided Fine-Needle Aspiration Cytology for Thyroid Nodules: Emphasis on Correlation with Sonographic Findings. Yonsei Medical Journal, 2011, 52, 838.	2.2	43
12	Length and Volume of Morphologically Normal Kidneys in Korean Children: Ultrasound Measurement and Estimation Using Body Size. Korean Journal of Radiology, 2013, 14, 677.	3.4	42
13	Gastric True Leiomyoma. Journal of Computer Assisted Tomography, 2007, 31, 204-208.	0.9	41
14	Radiation dose reduction with the adaptive statistical iterative reconstruction (ASIR) technique for chest CT in children: An intra-individual comparison. European Journal of Radiology, 2012, 81, e938-e943.	2.6	39
15	Sonographic appearance of intrathyroid ectopic thymus in children. Journal of Clinical Ultrasound, 2012, 40, 266-271.	0.8	38
16	Quick assessment with controlled attenuation parameter for hepatic steatosis in children based on MRI-PDFF as the gold standard. BMC Pediatrics, 2019, 19, 112.	1.7	38
17	MRI-based decision tree model for diagnosis of biliary atresia. European Radiology, 2018, 28, 3422-3431.	4.5	37
18	Ultrasonographic features of fibrous hamartoma of infancy. Skeletal Radiology, 2014, 43, 649-653.	2.0	30

#	Article	IF	Citations
19	Factors Associated with Complications of the Ureteral Stump After Proximal Ureteroureterostomy. Journal of Urology, 2012, 188, 1890-1894.	0.4	28
20	Comparison of effective radiation doses from X-ray, CT, and PET/CT in pediatric patients with neuroblastoma using a dose monitoring program. Diagnostic and Interventional Radiology, 2016, 22, 390-394.	1.5	27
21	Optimal Acquisition Number for Hepatic Shear Wave Velocity Measurements in Children. PLoS ONE, 2016, 11, e0168758.	2.5	26
22	Predicting gastroesophageal varices through spleen magnetic resonance elastography in pediatric liver fibrosis. World Journal of Gastroenterology, 2019, 25, 367-377.	3.3	26
23	MR cholangiopancreatography findings in children with spontaneous bile duct perforation. Pediatric Radiology, 2010, 40, 687-692.	2.0	24
24	Cellular Mesoblastic Nephroma with Liver Metastasis in a Neonate: Prenatal and Postnatal Diffusion-Weighted MR Imaging. Korean Journal of Radiology, 2013, 14, 361.	3.4	23
25	Radiation dose and image quality in pediatric chest CT: effects of iterative reconstruction in normal weight and overweight children. Pediatric Radiology, 2015, 45, 337-344.	2.0	21
26	Spontaneous Pneumothorax in Metastatic Thyroid Papillary Carcinoma. Journal of Clinical Oncology, 2007, 25, 2616-2618.	1.6	20
27	Image quality assessment of pediatric chest and abdomen CT by deep learning reconstruction. BMC Medical Imaging, 2021, 21, 146.	2.7	20
28	Spina bifida occulta: Not to be overlooked in children with nocturnal enuresis. International Journal of Urology, 2013, 20, 831-835.	1.0	19
29	Liver intravoxel incoherent motion diffusion-weighted imaging for the assessment of hepatic steatosis and fibrosis in children. World Journal of Gastroenterology, 2018, 24, 3013-3020.	3.3	19
30	Paraaortic lymph node metastasis in patients with intra-abdominal malignancies: CT vs PET. World Journal of Gastroenterology, 2009, 15, 4434.	3.3	17
31	The T2-Shortening Effect of Gadolinium and the Optimal Conditions for Maximizing the CNR for Evaluating the Biliary System: a Phantom Study. Korean Journal of Radiology, 2011, 12, 358.	3.4	16
32	Quantitative CT and pulmonary function in children with post-infectious bronchiolitis obliterans. PLoS ONE, 2019, 14, e0214647.	2.5	16
33	Normal Range of Hepatic Fat Fraction on Dual- and Triple-Echo Fat Quantification MR in Children. PLoS ONE, 2015, 10, e0117480.	2.5	15
34	Mesenteric venous thrombosis as a complication of appendicitis in an adolescent. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	14
35	Key imaging features for differentiating cystic biliary atresia from choledochal cyst: prenatal ultrasonography and postnatal ultrasonography and MRI. Ultrasonography, 2021, 40, 301-311.	2.3	14
36	Radiation dose reduction and image quality in pediatric abdominal CT with kVp and mAs modulation and an iterative reconstruction technique. Clinical Imaging, 2014, 38, 710-714.	1.5	13

#	Article	IF	Citations
37	Optimal Filum Terminale Thickness Cutoff Value on Sonography for Lipoma Screening in Young Children. Journal of Ultrasound in Medicine, 2015, 34, 1943-1949.	1.7	13
38	Testicular volume and elasticity changes in young children with undescended testes. Medical Ultrasonography, 2017, 19, 380.	0.8	13
39	Quantitative Imaging in Pediatric Hepatobiliary Disease. Korean Journal of Radiology, 2019, 20, 1342.	3.4	13
40	Usefulness of Diffusion Tensor Tractography in Pediatric Epilepsy Surgery. Yonsei Medical Journal, 2013, 54, 21.	2.2	12
41	Imaging patterns of sonographic lenticulostriate vasculopathy and correlation with clinical and neurodevelopmental outcome. Journal of Clinical Ultrasound, 2015, 43, 367-374.	0.8	12
42	Prepubertal Testicular Teratomas and Epidermoid Cysts. Journal of Ultrasound in Medicine, 2015, 34, 1745-1751.	1.7	12
43	Transforming growth factorâ€beta 1 in humidifier disinfectantâ€associated children's interstitial lung disease. Pediatric Pulmonology, 2016, 51, 173-182.	2.0	12
44	The vagaries of proper imaging in diagnosing single-system ectopic ureter in children with continuous incontinence and outcomes of simple nephrectomy. Journal of Pediatric Surgery, 2016, 51, 469-474.	1.6	11
45	Lung Clearance Index and Quantitative Computed Tomography of Post-Infectious Bronchiolitis Obliterans in Infants. Scientific Reports, 2017, 7, 15128.	3.3	11
46	Performance of deep learning-based algorithm for detection of ileocolic intussusception on abdominal radiographs of young children. Scientific Reports, 2019, 9, 19420.	3.3	11
47	Renal elasticity and perfusion changes associated with fibrosis on ultrasonography in a rabbit model of obstructive uropathy. European Radiology, 2020, 30, 1986-1996.	4.5	11
48	Evaluation of liver fibrosis with T2 relaxation time in infants with cholestasis: comparison with normal controls. Pediatric Radiology, 2011, 41, 350-354.	2.0	10
49	Factors Indicating Renal Injury in Pediatric Bilateral Ureteropelvic-junction Obstruction. Urology, 2013, 81, 873-879.	1.0	10
50	Intestinal lesions in pediatric Crohn disease: comparative detectability among pulse sequences at MR enterography. Pediatric Radiology, 2014, 44, 821-830.	2.0	10
51	Is Increased Echogenicity Related to a Decrease in Glomerular Filtration Rate? Objective Measurements in Pediatric Solitary Kidney Patientsâ€"A Retrospective Analysis. PLoS ONE, 2015, 10, e0133577.	2.5	10
52	Clinical utility of mono-exponential model diffusion weighted imaging using two b-values compared to the bi- or stretched exponential model for the diagnosis of biliary atresia in infant liver MRI. PLoS ONE, 2019, 14, e0226627.	2.5	10
53	Liver stiffness and perfusion changes for hepatic sinusoidal obstruction syndrome in rabbit model. World Journal of Gastroenterology, 2020, 26, 706-716.	3.3	10
54	Gadopentetate dimeglumine-enhanced MR cholangiopancreatography in infants with cholestasis. Pediatric Radiology, 2011, 41, 488-494.	2.0	9

#	Article	IF	Citations
55	Meaning of ureter dilatation during ultrasonography in infants for evaluating vesicoureteral reflux. European Journal of Radiology, 2015, 84, 307-311.	2.6	9
56	Quantitative computed tomography assessment of graft-versus-host disease-related bronchiolitis obliterans in children: A pilot feasibility study. European Radiology, 2015, 25, 2931-2936.	4.5	9
57	Differentiation between Clear Cell Sarcoma of the Kidney and Wilms' Tumor with CT. Korean Journal of Radiology, 2021, 22, 1185.	3.4	9
58	Interconversion of elasticity measurements between two-dimensional shear wave elastography and transient elastography. Medical Ultrasonography, 2018, 20, 127.	0.8	9
59	Ultrasonographic findings of type IIIa biliary atresia. Ultrasonography, 2014, 33, 267-274.	2.3	9
60	Conservative Management of Segmental Multicystic Dysplastic Kidney in Children. Urology, 2015, 86, 1013-1018.	1.0	8
61	Motion effects on the measurement of stiffness on ultrasound shear wave elastography: a moving liver fibrosis phantom study. Medical Ultrasonography, 2018, 1, 14.	0.8	8
62	Hepatic fat quantification magnetic resonance for monitoring treatment response in pediatric nonalcoholic steatohepatitis. World Journal of Gastroenterology, 2015, 21, 9741.	3.3	8
63	Effects of adaptive statistical iterative reconstruction on radiation dose reduction and diagnostic accuracy of pediatric abdominal CT. Pediatric Radiology, 2014, 44, 1541-1547.	2.0	7
64	Krypton-enhanced ventilation CT with dual energy technique: Experimental study for optimal krypton concentration. Experimental Lung Research, 2014, 40, 439-446.	1.2	7
65	Texture Analysis to Differentiate Malignant Renal Tumors in Children Using Gray-Scale Ultrasonography Images. Ultrasound in Medicine and Biology, 2019, 45, 2205-2212.	1.5	7
66	MR Imaging of Pediatric Musculoskeletal Tumors:. Magnetic Resonance Imaging Clinics of North America, 2019, 27, 341-371.	1.1	7
67	Hepatic subcapsular or capsular flow in biliary atresia: is it useful imaging feature after the Kasai operation?. European Radiology, 2020, 30, 3161-3167.	4.5	7
68	Quantitative MRI Assessment of Pancreatic Steatosis Using Proton Density Fat Fraction in Pediatric Obesity. Korean Journal of Radiology, 2021, 22, 1886.	3.4	7
69	Multiple hemangiomas of the urinary bladder in a child with gross hematuria. Ultrasonography, 2015, 34, 231-234.	2.3	7
70	Normal Changes and Ranges of Pediatric Testicular Volume and Shear Wave Elasticity. Ultrasound in Medicine and Biology, 2019, 45, 1638-1643.	1.5	6
71	Use of Animated Cartoons with Children's Songs to Increase Compliance with Ultrasonography in Young Children. Yonsei Medical Journal, 2013, 54, 1533.	2.2	5
72	Coexisting Ureteropelvic Junction Obstruction and Ureterovesical Junction Obstruction: Is Pyeloplasty Always the Preferred Initial Surgery?. Urology, 2014, 83, 443-450.	1.0	5

#	Article	IF	Citations
73	Prediction of postinfectious bronchiolitis obliterans prognosis in children. Pediatric Pulmonology, 2021, 56, 1069-1076.	2.0	5
74	Contrast-enhanced ultrasonography for the evaluation of liver fibrosis after biliary obstruction. World Journal of Gastroenterology, 2015, 21, 2614.	3.3	5
75	Periportal thickening on magnetic resonance imaging for hepatic fibrosis in infantile cholestasis. World Journal of Gastroenterology, 2020, 26, 2821-2830.	3.3	5
76	Choledochal cyst rupture with an intrahepatic pseudocyst mimicking hepatic mesenchymal hamartoma in an infant. Clinical Imaging, 2015, 39, 914-916.	1.5	4
77	Bone marrow fat change in pediatric patients with non-alcoholic fatty liver disease. PLoS ONE, 2020, 15, e0234096.	2.5	4
78	Outcome of staging chest CT and identification of factors associated with lung metastasis in children with hepatoblastoma. European Radiology, 2021, 31, 8850-8857.	4.5	4
79	ImperforateHymenÂCausing Hematocolpos and AcuteÂUrinary RetentionÂinÂa 14-Year-Old Adolescent. Childhood Kidney Diseases, 2015, 19, 180-183.	0.4	4
80	Attenuation Coefficient Measurement Using a High-Frequency (2â€“9 MHz) Convex Transducer for Children Including Fatty Liver. Ultrasound in Medicine and Biology, 2022, 48, 1070-1077.	1.5	4
81	Increased 18F-FDG Uptake by a Retroperitoneal Mature Cystic Teratoma in an Infant. Clinical Nuclear Medicine, 2014, 39, 352-354.	1.3	3
82	Simplified split-bolus intravenous contrast injection technique for pediatric abdominal CT. Clinical Imaging, 2017, 46, 28-32.	1.5	3
83	Diffusion-Weighted Imaging for Differentiation of Biliary Atresia and Grading of Hepatic Fibrosis in Infants with Cholestasis. Korean Journal of Radiology, 2021, 22, 253.	3.4	3
84	Utility of fast non-local means (FNLM) filter for detection of pulmonary nodules in chest CT for pediatric patient. Physica Medica, 2021, 81, 52-59.	0.7	3
85	Botryoid Wilms' Tumor in a Child Presenting with Gross Hematuria: A Case Report. Journal of the Korean Society of Radiology, 2016, 75, 198.	0.2	2
86	Effect of different driver power amplitudes on liver stiffness measurement in pediatric liver MR elastography. Abdominal Radiology, 2021, 46, 4729-4735.	2.1	2
87	Feasibility of Spin-Echo Echo-Planar Imaging MR Elastography in Livers of Children and Young Adults. Investigative Magnetic Resonance Imaging, 2019, 23, 251.	0.4	2
88	Children with Heiner Syndrome: A Single-Center Experience. Children, 2021, 8, 1110.	1.5	2
89	Guideline for Fluoroscopy of Low Gastrointestinal Tract in Pediatrics. Journal of the Korean Society of Radiology, 2015, 73, 67.	0.2	1
90	Half-dose abdominal CT with sinogram-affirmed iterative reconstruction technique in children â€” comparison with full-dose CT with filtered back projection. Pediatric Radiology, 2015, 45, 188-193.	2.0	1

#	Article	IF	Citations
91	Childrenâ€™s Hepatic Tumors International Collaboration-Hepatoblastoma Stratification (CHIC-HS) System for Pediatric Patients with Hepatoblastoma: A Retrospective, Hospital-Based Cohort Study in South Korea. Cancer Research and Treatment, 2021, , .	3.0	1
92	Renal growth slope in children with congenital and acquired solitary functioning kidneys. Ultrasonography, 2021, 40, 357-365.	2.3	1
93	A 4-year-old girl presenting with facial palsy, found to have increased delta neutrophil index, and diagnosed with acute myeloid leukemia with extramedullary infiltration. Pediatric Emergency Medicine Journal, 2017, 4, 25-28.	0.5	1
94	Determining the optimal timing of screening spinal cord ultrasonography to detect filum terminale lipoma in infants. Ultrasonography, 2020, 39, 367-375.	2.3	1
95	Psoas muscle area and paraspinal muscle fat in children and young adults with or without obesity and fatty liver. PLoS ONE, 2021, 16, e0259948.	2.5	1
96	A Clinical Approach of Post-Infectious Bronchiolitis Obliterans Using the Results of High Resolution Computed Tomography. Pediatric Allergy and Respiratory Disease, 2012, 22, 397.	0.5	0
97	Liver, Biliary Tract, Pancreas, and Spleen. Radiology Illustrated, 2014, , 683-719.	0.0	0
98	Imaging Features of Infratentorial Desmoplastic Infantile and Non-Infantile Tumors. Journal of the Korean Society of Radiology, 2016, 75, 49.	0.2	0
99	Bedside upper gastrointestinal series in the neonatal intensive care unit. BMC Pediatrics, 2021, 21, 91.	1.7	0
100	Imaging Findings of Renal Cell Carcinoma Associated with Xp11.2 Translocation/TFE3 Gene Fusion in a 4-Year-Old Male: Case Report and Review of Literature. Journal of the Korean Society of Magnetic Resonance in Medicine, 2013, 17, 41.	0.1	0
101	Primary Renal Undifferentiated Sarcoma as an Infiltrative Mass in a 12-Year-Old Boy. Journal of the Korean Society of Radiology, 2015, 73, 199.	0.2	0
102	Role of Chest Computed Tomography in Children with Pneumonia Associated with Coronavirus Disease 2019. Korean Journal of Radiology, 2020, 21, 777.	3.4	0
103	Organizing pneumonia as the initial presentation of systemic lupus erythematosus in a Korean adolescent. Allergy Asthma & Respiratory Disease, 2020, 8, 155.	0.2	0
104	Imaging of Acute Pulmonary and Airway Diseases in Children. Journal of the Korean Society of Radiology, 2020, 81, 756.	0.2	0
105	Localized cystic disease of the kidney in pediatric patients: Clinical and imaging findings with long term follow up. Journal of Pediatric Urology, 2022, 18, 90.e1-90.e8.	1.1	0
106	T2 Relaxation Time Changes in the Distal Femoral Condylar Cartilage of Children and Young Adults with Discoid Meniscus. Cartilage, 2022, 13, 194760352210851.	2.7	0
107	Title is missing!. , 2019, 14, e0226627.		0
108	Title is missing!. , 2019, 14, e0226627.		0

#	Article	IF	Citations
109	Title is missing!. , 2019, 14, e0226627.		0
110	Title is missing!. , 2019, 14, e0226627.		0
111	Initial Abdominal CT and Laboratory Findings Prior to Diagnosis of Crohnâ€™s Disease in Children. Yonsei Medical Journal, 2022, 63, 675.	2.2	0