Yun Peng

List of Publications by Year
in descending order

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64	890	586496	651938
papers	citations	16	25
		h-index	g-index

69	69	69	1671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detail correction for Gross classification of esophageal atresia based on 434 cases in China. Chinese Medical Journal, 2022, 135, 485-487.	0.9	3
2	Application of deep learning image reconstruction algorithm to improve image quality in CT angiography of children with Takayasu arteritis. Journal of X-Ray Science and Technology, 2022, 30, 177-184.	0.7	1
3	Dual-energy spectral CT imaging of pulmonary embolism with Mycoplasma pneumoniae pneumonia in children. Radiologia Medica, 2022, 127, 154-161.	4.7	11
4	Random Network and Non-rich-club Organization Tendency in Children With Non-syndromic Cleft Lip and Palate After Articulation Rehabilitation: A Diffusion Study. Frontiers in Neurology, 2022, 13, 790607.	1.1	1
5	Teaching NeuroImage: Intradural ALK-Positive Histiocytosis With Involvement of Nerve Roots and Spinal Dura. Neurology, 2022, 98, 901-902.	1.5	2
6	Cerebral blood vessels and perfusion in the pediatric brain death: five cases studied by neuroimaging. Neuroradiology, 2022, , .	1.1	0
7	Altered brain activity and functional networks in schoolâ€age boys with severe haemophilia A: A restingâ€state functional magnetic resonance imaging study. Haemophilia, 2022, , .	1.0	0
8	Comparison of the EAONO/JOS, STAMCO and ChOLE cholesteatoma staging systems in the prognostic evaluation of acquired middle ear cholesteatoma in children. European Archives of Oto-Rhino-Laryngology, 2022, 279, 5583-5590.	0.8	3
9	Chest Radiographs Using a Context-Fusion Convolution Neural Network (CNN): Can It Distinguish the Etiology of Community-Acquired Pneumonia (CAP) in Children?. Journal of Digital Imaging, 2022, 35, 1079-1090.	1.6	3
10	Effects of obstructive sleep apnoea severity on neurocognitive and brain white matter alterations in children according to sex: aÂtract-based spatial statistics study. Sleep Medicine, 2021, 82, 134-143.	0.8	11
11	Effective sirolimus treatment of 2 COPA syndrome patients. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 999-1001.e1.	2.0	5
12	MRI in Children With Pyriform Sinus Fistula. Journal of Magnetic Resonance Imaging, 2021, 53, 85-95.	1.9	6
13	Brain function in children with obstructive sleep apnea: a resting-state fMRI study. Sleep, 2021, 44, .	0.6	27
14	Application of 70â€ŠkVp in abdominal CT angiography to reduce both radiation and contrast dosage and improve patient comfort for children. Journal of X-Ray Science and Technology, 2021, 29, 813-821.	0.7	3
15	Performance evaluation of a deep learning image reconstruction (DLIR) algorithm in â€œdouble lowâ€• chest CTA in children: a feasibility study. Radiologia Medica, 2021, 126, 1181-1188.	4.7	24
16	Improving the image quality of pediatric chest CT angiography with low radiation dose and contrast volume using deep learning image reconstruction. Quantitative Imaging in Medicine and Surgery, 2021, 11, 3051-3058.	1.1	18
17	Application of a deep learning image reconstruction (DLIR) algorithm in head CT imaging for children to improve image quality and lesion detection. BMC Medical Imaging, 2021, 21, 108.	1.4	17
18	Increased modularity of the restingâ€state network in children with nonsyndromic cleft lip and palate after speech rehabilitation. Brain and Behavior, 2021, 11, e02094.	1.0	2

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19	A semiquantitative color Doppler ultrasound scoring system for evaluation of synovitis in joints of patients with blood-induced arthropathy. Insights Into Imaging, 2021, 12, 132.	1.6	3
20	Performance evaluation of using shorter contrast injection and 70 kVp with deep learning image reconstruction for reduced contrast medium dose and radiation dose in coronary CT angiography for children: a pilot study. Quantitative Imaging in Medicine and Surgery, 2021, 11, 4162-4171.	1.1	9
21	Clinical features of colorectal duplication in children: A study of 25 cases. Journal of Pediatric Surgery, 2021, , .	0.8	2
22	Amide Proton Transferâ€“Weighted MR Imaging of Pediatric Central Nervous System Diseases. Magnetic Resonance Imaging Clinics of North America, 2021, 29, 631-641.	0.6	10
23	Altered Spontaneous Brain Activity Related to Neurologic and Sleep Dysfunction in Children With Obstructive Sleep Apnea Syndrome. Frontiers in Neuroscience, 2021, 15, 595412.	1.4	15
24	Clinical features and outcomes of bowel perforation in primary pediatric gastrointestinal lymphoma. BMC Pediatrics, 2021, 21, 548.	0.7	2
25	The Impacts of Obstructive Sleep Apnea Severity on Brain White Matter Integrity and Cognitive Functions in Children: A Diffusion Tensor Imaging Study. Nature and Science of Sleep, 2021, Volume 13, 2125-2135.	1.4	3
26	Imaging features and differences among the three primary malignant non-Wilms tumors in children. BMC Medical Imaging, 2021, 21, 181.	1.4	3
27	Flattened Structural Network Changes and Association of Hyperconnectivity With Symptom Severity in 2â€“7-Year-Old Children With Autism. Frontiers in Neuroscience, 2021, 15, 757838.	1.4	2
28	Optimal tube voltage for abdominal enhanced CT in children: a self-controlled study. Acta Radiologica, 2020, 61, 101-109.	0.5	1
29	STING-Associated Vasculopathy with Onset in Infancy in Three Children with New Clinical Aspect and Unsatisfactory Therapeutic Responses to Tofacitinib. Journal of Clinical Immunology, 2020, 40, 114-122.	2.0	44
30	Differential White Matter Maturation from Birth to 8ÂYears of Age. Cerebral Cortex, 2020, 30, 2674-2690.	1.6	37
31	Identification of two novel pathogenic variants of PIBF1 by whole exome sequencing in a 2-year-old boy with Joubert syndrome. BMC Medical Genetics, 2020, 21, 192.	2.1	11
32	Barium enema findings in total colonic aganglionosis: a single-center, retrospective study. BMC Pediatrics, 2020, 20, 499.	0.7	7
33	Further Improving Image Quality of Cardiovascular Computed Tomography Angiography for Children With High Heart Rates Using Second-Generation Motion Correction Algorithm. Journal of Computer Assisted Tomography, 2020, 44, 790-795.	0.5	9
34	Amide Proton Transfer-Weighted (APTw) Imaging of Intracranial Infection in Children: Initial Experience and Comparison with Gadolinium-Enhanced T1-Weighted Imaging. BioMed Research International, 2020, 2020, 1-13.	0.9	4
35	Altered structural cerebral cortex in children with Tourette syndrome. European Journal of Radiology, 2020, 129, 109119.	1.2	12
36	Do magnetic resonance imaging manifestations of skeletal system improve after treatment of Gaucher disease?. European Journal of Radiology, 2020, 125, 108851.	1.2	5

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37	Performance evaluation of two iterative reconstruction algorithms, MBIR and ASIR, in low radiation dose and low contrast dose abdominal CT in children. Radiologia Medica, 2020, 125, 918-925.	4.7	13
38	Topological properties of the resting-state functional network in nonsyndromic cleft lip and palate children after speech rehabilitation. Journal of Integrative Neuroscience, 2020, 19, 285.	0.8	5
39	Computed tomography-based predictive nomogram for differentiating primary progressive pulmonary tuberculosis from community-acquired pneumonia in children. BMC Medical Imaging, 2019, 19, 63.	1.4	24
40	Feasibility study of using one-tenth mSv radiation dose in young children chest CT with 80 kVp and model-based iterative reconstruction. Scientific Reports, 2019, 9, 12481.	1.6	9
41	Improving image quality with model-based iterative reconstruction algorithm for chest CT in children with reduced contrast concentration. Radiologia Medica, 2019, 124, 595-601.	4.7	5
42	Persistent fifth aortic arch stenosis associated with type A interruption of the aortic arch. Chinese Medical Journal, 2019, 132, 1482-1484.	0.9	3
43	Altered brain functional network in children with type 1 Gaucher disease: a longitudinal graph theory-based study. Neuroradiology, 2019, 61, 63-70.	1.1	8
44	Brain white matter microstructural alterations in children of type I Gaucher disease characterized with diffusion tensor MR imaging. European Journal of Radiology, 2018, 102, 22-29.	1.2	8
45	Combining Disrupted and Discriminative Topological Properties of Functional Connectivity Networks as Neuroimaging Biomarkers for Accurate Diagnosis of Early Tourette Syndrome Children. Molecular Neurobiology, 2018, 55, 3251-3269.	1.9	41
46	Application of a full model-based iterative reconstruction (MBIR) in 80ÂkVp ultra-low-dose paranasal sinus CT imaging of pediatric patients. Radiologia Medica, 2018, 123, 117-124.	4.7	13
47	Amide proton transfer-weighted MRI detection of traumatic brain injury in rats. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3422-3432.	2.4	28
48	Disrupted topological organization of structural networks revealed by probabilistic diffusion tractography in Tourette syndrome children. Human Brain Mapping, 2017, 38, 3988-4008.	1.9	42
49	Image quality improvement using model-based iterative reconstruction in low dose chest CT for children with necrotizing pneumonia. BMC Medical Imaging, 2017, 17, 24.	1.4	11
50	Combined methylmalonic acidemia and homocysteinemia presenting predominantly with late-onset diffuse lung disease: a case series of four patients. Orphanet Journal of Rare Diseases, 2017, 12, 58.	1.2	30
51	Altered Spontaneous Brain Activity in Children with Early Tourette Syndrome: a Resting-state fMRI Study. Scientific Reports, 2017, 7, 4808.	1.6	19
52	Contrast Dose and Radiation Dose Reduction in Abdominal Enhanced Computerized Tomography Scans with Single-phase Dual-energy Spectral Computerized Tomography Mode for Children with Solid Tumors. Chinese Medical Journal, 2017, 130, 823-831.	0.9	10
53	Mimicking hypersensitivity pneumonitis as an uncommon initial presentation of chronic granulomatous disease in children. Orphanet Journal of Rare Diseases, 2017, 12, 169.	1.2	7
54	Role of diffusion-weighted imaging in distinguishing thoracoabdominal neuroblastic tumours of various histological types and differentiation grades. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 718-724.	0.9	8

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55	Toward Developmental Connectomics of the Human Brain. Frontiers in Neuroanatomy, 2016, 10, 25.	0.9	108
56	Atypical ageâ€dependent effects of autism on white matter microstructure in children of 2â€“7 years. Human Brain Mapping, 2016, 37, 819-832.	1.9	46
57	Global and regional cortical connectivity maturation index (CCMI) of developmental human brain with quantification of short-range association tracts. , 2016, 9788, .		7
58	Extracellular space diffusion analysis in the infant and adult rat striatum using magnetic resonance imaging. International Journal of Developmental Neuroscience, 2016, 53, 1-7.	0.7	9
59	Application of low dose radiation and low concentration contrast media in enhanced CT scans in children with congenital heart disease. International Journal of Clinical Practice, 2016, 70, B22-B28.	0.8	7
60	Combining tractâ€•and atlasâ€based analysis reveals microstructural abnormalities in early Tourette syndrome children. Human Brain Mapping, 2016, 37, 1903-1919.	1.9	38
61	Amide Proton Transfer (APT) MR imaging and Magnetization Transfer (MT) MR imaging of pediatric brain development. European Radiology, 2016, 26, 3368-3376.	2.3	26
62	Improving pulmonary vessel image quality with a full model-based iterative reconstruction algorithm in 80kVp low-dose chest CT for pediatric patients aged 0â€“6 years. Acta Radiologica, 2015, 56, 761-768.	0.5	18
63	Determination of the optimal energy level in spectral CT imaging for displaying abdominal vessels in pediatric patients. European Journal of Radiology, 2014, 83, 589-594.	1.2	20
64	Image Quality in Children with Low-Radiation Chest CT Using Adaptive Statistical Iterative Reconstruction and Model-Based Iterative Reconstruction. PLoS ONE, 2014, 9, e96045.	1.1	10