

Junfang Xian

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,086
citations

516681

16
h-index

526264

27
g-index

77
all docs

77
docs citations

77
times ranked

1249
citing authors

#	ARTICLE	IF	CITATIONS
1	Global urbanicity is associated with brain and behaviour in young people. <i>Nature Human Behaviour</i> , 2022, 6, 279-293.	12.0	24
2	MRI-based radiomics model can improve the predictive performance of postlaminar optic nerve invasion in retinoblastoma. <i>British Journal of Radiology</i> , 2022, 95, 20211027.	2.2	3
3	Endoscopic Repair of Spontaneous Cerebrospinal Fluid Leaks in the Lateral Recess of the Sphenoid Sinus. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, , 019459982110684.	1.9	2
4	Effect of the long-term lack of half visual inputs on the white matter microstructure in congenital monocular blindness. <i>Brain Research</i> , 2022, 1781, 147832.	2.2	1
5	Altered Spontaneous Brain Activity and Network Property in Patients With Congenital Monocular Blindness. <i>Frontiers in Neurology</i> , 2022, 13, 789655.	2.4	3
6	Functional connectivity alteration of the deprived auditory regions with cognitive networks in deaf and inattentive adolescents. <i>Brain Imaging and Behavior</i> , 2022, 16, 939-954.	2.1	3
7	Preoperative Prediction of Malignant Transformation of Sinonasal Inverted Papilloma Using MR Radiomics. <i>Frontiers in Oncology</i> , 2022, 12, 870544.	2.8	5
8	Dynamic contrast-enhanced MRI can quantitatively identify malignant transformation of sinonasal inverted papilloma. <i>British Journal of Radiology</i> , 2022, 95, 20211374.	2.2	4
9	Altered coupling of cerebral blood flow and functional connectivity strength in visual and higher order cognitive cortices in primary open angle glaucoma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 901-913.	4.3	33
10	Value of MRI-based radiomics analysis for differentiation of benign and malignant epithelial neoplasms in the lacrimal gland: a retrospective study. <i>Acta Radiologica</i> , 2021, 62, 743-751.	1.1	2
11	Optimization of imaging parameters in chest CT for COVID-19 patients: an experimental phantom study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 380-380.	2.0	5
12	Evaluation and comparison of a novel Scheimpflug-based optical biometer with standard partial coherence interferometry for biometry and intraocular lens power calculation. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 326.	1.8	4
13	Investigation of MRI-based radiomics model in differentiation between sinonasal primary lymphomas and squamous cell carcinomas. <i>Japanese Journal of Radiology</i> , 2021, 39, 755-762.	2.4	15
14	Dynamic Contrast-enhanced MRI Can Quantitatively Discriminate the Original Site From Peripheral Portion of Sinonasal Inverted Papillomas. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1522-1527.	3.4	2
15	Dual-energy CT-based radiomics nomogram in predicting histological differentiation of head and neck squamous carcinoma: a multicenter study. <i>Neuroradiology</i> , 2021, , 1.	2.2	4
16	Application of Multiplanar Volume Reconstruction Technique for the Assessment of Electrode Location and Analysis of the Correlation to Cochlear Programming and Performance in Common Cavity Deformity. <i>Frontiers in Neurology</i> , 2021, 12, 783225.	2.4	4
17	Altered Microstructure of Cerebral Gray Matter in Neuromyelitis Optica Spectrum Disorder-Optic Neuritis: A DKI Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 738913.	2.8	2
18	Diagnosis of Postlaminar Optic Nerve Invasion in Retinoblastoma With MRI Features. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1045-1052.	3.4	15

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19	Using a novel MR imaging sign to differentiate retinal pigment epithelium from uveal melanoma. <i>Neuroradiology</i> , 2020, 62, 347-352.	2.2	3
20	CHIMGEN: a Chinese imaging genetics cohort to enhance cross-ethnic and cross-geographic brain research. <i>Molecular Psychiatry</i> , 2020, 25, 517-529.	7.9	35
21	Upper airway lengthening caused by weight increase in obstructive sleep apnea patients. <i>Respiratory Research</i> , 2020, 21, 272.	3.6	8
22	Value of MR-based radiomics in differentiating uveal melanoma from other intraocular masses in adults. <i>European Journal of Radiology</i> , 2020, 131, 109268.	2.6	7
23	CT-based radiomics features in the prediction of thyroid cartilage invasion from laryngeal and hypopharyngeal squamous cell carcinoma. <i>Cancer Imaging</i> , 2020, 20, 81.	2.8	25
24	Improving diagnostic performance of differentiating ocular adnexal lymphoma and idiopathic orbital inflammation using intravoxel incoherent motion diffusion-weighted MRI. <i>European Journal of Radiology</i> , 2020, 130, 109191.	2.6	10
25	Comparative Study Between Integrated Positron Emission Tomography/Magnetic Resonance and Positron Emission Tomography/Computed Tomography in the T and N Staging of Hypopharyngeal Cancer: An Initial Result. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 540-545.	0.9	6
26	Value of quantitative multiparametric MRI in differentiating pleomorphic adenomas from malignant epithelial tumors in lacrimal gland. <i>Neuroradiology</i> , 2020, 62, 1141-1147.	2.2	6
27	Altered information flow and microstructure abnormalities of visual cortex in normal-tension glaucoma: Evidence from resting-state fMRI and DKI. <i>Brain Research</i> , 2020, 1741, 146874.	2.2	12
28	Higher Iodine Concentration Enables Radiation Dose Reduction in Coronary CT Angiography. <i>Academic Radiology</i> , 2020, 28, 1072-1080.	2.5	2
29	Differential diagnosis of sinonasal extranodal NK/T cell lymphoma and diffuse large B cell lymphoma on MRI. <i>Neuroradiology</i> , 2020, 62, 1149-1155.	2.2	10
30	Recent advances in magnetic resonance imaging of optic neuritis. <i>Chinese Journal of Academic Radiology</i> , 2020, 3, 14-18.	0.6	1
31	Management of infection control and radiological protection in diagnostic radiology examination of COVID-19 cases. <i>Radiation Medicine and Protection</i> , 2020, 1, 75-80.	0.8	14
32	Reorganization of rich-clubs in functional brain networks during propofol-induced unconsciousness and natural sleep. <i>NeuroImage: Clinical</i> , 2020, 25, 102188.	2.7	18
33	Chronic invasive fungal rhinosinusitis vs sinonasal squamous cell carcinoma: the differentiating value of MRI. <i>European Radiology</i> , 2020, 30, 4466-4474.	4.5	12
34	Quantitative analysis of dynamic contrast enhancement MRI between orbital lymphoma and inflammatory mass based on different regions of interest selection. <i>Chinese Journal of Academic Radiology</i> , 2020, 3, 41-49.	0.6	3
35	Correlation between apparent diffusion coefficients and metabolic parameters in hypopharyngeal squamous cell carcinoma: A prospective study with integrated PET/MRI. <i>European Journal of Radiology</i> , 2020, 129, 109070.	2.6	7
36	Evaluation of multiparametric MRI differentiating sinonasal angiomatous polyp from malignant tumors. <i>Neuroradiology</i> , 2019, 61, 891-896.	2.2	8

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37	Combined machine learning and diffusion tensor imaging reveals altered anatomic fiber connectivity of the brain in primary open-angle glaucoma. <i>Brain Research</i> , 2019, 1718, 83-90.	2.2	12
38	Management of congenital microphthalmos and anophthalmos with orbital cyst. <i>Journal of AAPOS</i> , 2019, 23, 92.e1-92.e6.	0.3	8
39	Threshold of the upper airway cross-section for hypopnea onset during sleep and its identification under waking condition. <i>Respiratory Research</i> , 2019, 20, 280.	3.6	8
40	Noninvasive evaluation of cerebrospinal fluid pressure in ocular hypertension: a preliminary study. <i>Acta Ophthalmologica</i> , 2018, 96, e570-e576.	1.1	9
41	MR-based radiomics signature in differentiating ocular adnexal lymphoma from idiopathic orbital inflammation. <i>European Radiology</i> , 2018, 28, 3872-3881.	4.5	50
42	Reduced Cerebral Blood Flow in the Visual Cortex and Its Correlation With Glaucomatous Structural Damage to the Retina in Patients With Mild to Moderate Primary Open-angle Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 816-822.	1.6	19
43	Clinical Predictors of Frontal Ostium Restenosis After Draf 3 Procedure for Refractory Chronic Rhinosinusitis. <i>American Journal of Rhinology and Allergy</i> , 2018, 32, 287-293.	2.0	8
44	Reduced Functional and Anatomic Interhemispheric Homotopic Connectivity in Primary Open-Angle Glaucoma: A Combined Resting State-fMRI and DTI Study. , 2018, 59, 1861.		17
45	Comparison of NREM sleep and intravenous sedation through local information processing and whole brain network to explore the mechanism of general anesthesia. <i>PLoS ONE</i> , 2018, 13, e0192358.	2.5	21
46	The Combination of Anatomy and Genioglossus Activity in Predicting the Outcomes of Velopharyngeal Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 156, 567-574.	1.9	11
47	Bone involvement: Histopathological evidence for endoscopic management of sinonasal inverted papilloma. <i>Laryngoscope</i> , 2017, 127, 2703-2708.	2.0	17
48	Multiparametric MRI findings of sinonasal rhabdomyosarcoma in adults with comparison to carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 998-1004.	3.4	12
49	Altered functional connectivity within and between the default model network and the visual network in primary open-angle glaucoma: a resting-state fMRI study. <i>Brain Imaging and Behavior</i> , 2017, 11, 1154-1163.	2.1	26
50	Lymphoma and inflammation in the orbit: Diagnostic performance with diffusion-weighted imaging and dynamic contrast-enhanced MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1438-1445.	3.4	40
51	Functional Reorganizations of Brain Network in Prelingually Deaf Adolescents. <i>Neural Plasticity</i> , 2016, 2016, 1-10.	2.2	17
52	Structural brain alterations in primary open angle glaucoma: a 3T MRI study. <i>Scientific Reports</i> , 2016, 6, 18969.	3.3	75
53	Prediction of the response of ocular adnexal lymphoma to chemotherapy using combined pretreatment dynamic contrast-enhanced and diffusion-weighted MRI. <i>Acta Radiologica</i> , 2016, 57, 1490-1496.	1.1	10
54	Relationship of genioglossus muscle activation and severity of obstructive sleep apnea and hypopnea syndrome among Chinese patients. <i>Acta Oto-Laryngologica</i> , 2016, 136, 819-825.	0.9	7

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55	Prediction of the originating site of sinonasal inverted papilloma by preoperative magnetic resonance imaging and computed tomography. International Forum of Allergy and Rhinology, 2016, 6, 1221-1228.	2.8	39
56	Digital evaluation of orbital development after self-inflating hydrogel expansion in Chinese children with congenital microphthalmia. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 706-714.	1.0	15
57	CT evaluation of sigmoid plate dehiscence causing pulsatile tinnitus. European Radiology, 2016, 26, 9-14.	4.5	50
58	Graph theoretical analysis reveals the reorganization of the brain network pattern in primary open angle glaucoma patients. European Radiology, 2016, 26, 3957-3967.	4.5	27
59	Digital Evaluation of Orbital Cyst Associated with Microphthalmos: Characteristics and Their Relationship with Orbital Volume. PLoS ONE, 2016, 11, e0157819.	2.5	9
60	Effects of fluid shift on upper airway patency and neck circumference in normal-weight subjects. Sleep Medicine, 2015, 16, 1419-1426.	1.6	11
61	A Method for Accurate Reconstructions of the Upper Airway Using Magnetic Resonance Images. PLoS ONE, 2015, 10, e0130186.	2.5	2
62	Brain Abnormalities in Congenital Fibrosis of the Extraocular Muscles Type 1: A Multimodal MRI Imaging Study. PLoS ONE, 2015, 10, e0133473.	2.5	3
63	Grey matter connectivity within and between auditory, language and visual systems inÂprelingually deaf adolescents. Restorative Neurology and Neuroscience, 2015, 33, 279-290.	0.7	16
64	Altered Amplitude of Low-Frequency Fluctuation in Primary Open-Angle Glaucoma: A Resting-State fMRI Study. Investigative Ophthalmology and Visual Science, 2015, 56, 322-329.	3.3	61
65	Accuracy of MRI for the diagnosis of metastatic cervical lymphadenopathy in patients with thyroid cancer. Radiologia Medica, 2015, 120, 959-966.	7.7	18
66	Automatic segmentation of the lateral geniculate nucleus: Application to control and glaucoma patients. Journal of Neuroscience Methods, 2015, 255, 104-114.	2.5	11
67	Imaging and histopathological findings of lacrimal sac lymphoma. Chinese Medical Journal, 2014, 127, 120-4.	2.3	1
68	Value of magnetic resonance imaging including dynamic contrast-enhanced magnetic resonance imaging in differentiation between inverted papilloma and malignant tumors in the nasal cavity. Chinese Medical Journal, 2014, 127, 1696-701.	2.3	9
69	Feasibility and value of quantitative dynamic contrast enhancement MR imaging in the evaluation of sinonasal tumors. Chinese Medical Journal, 2014, 127, 2259-64.	2.3	7
70	Value of MR imaging in the differentiation of benign and malignant orbital tumors in adults. European Radiology, 2010, 20, 1692-1702.	4.5	61
71	Evaluation of MR imaging findings differentiating cavernous haemangiomas from schwannomas in the orbit. European Radiology, 2010, 20, 2221-2228.	4.5	56