

# Long Qian

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

847  
citations

471061

17  
h-index

552369

26  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity: Pathophysiology and Intervention. <i>Nutrients</i> , 2014, 6, 5153-5183.	1.7	120
2	Recovery of brain structural abnormalities in morbidly obese patients after bariatric surgery. <i>International Journal of Obesity</i> , 2016, 40, 1558-1565.	1.6	73
3	Chemical exchange saturation transfer magnetic resonance imaging and its main and potential applications in pre-clinical and clinical studies. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1747-1766.	1.1	53
4	Non-invasive assessment of early stage diabetic nephropathy by DTI and BOLD MRI. <i>British Journal of Radiology</i> , 2020, 93, 20190562.	1.0	42
5	Frequency Dependent Topological Patterns of Resting-State Brain Networks. <i>PLoS ONE</i> , 2015, 10, e0124681.	1.1	38
6	Development and Validation of a Machine Learning Approach for Automated Severity Assessment of COVID-19 Based on Clinical and Imaging Data: Retrospective Study. <i>JMIR Medical Informatics</i> , 2021, 9, e24572.	1.3	36
7	Alterations of White Matter Connectivity in Preschool Children with Autism Spectrum Disorder. <i>Radiology</i> , 2018, 288, 209-217.	3.6	35
8	Diagnostic performance of multiparametric MRI in the evaluation of treatment response in glioma patients at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1154-1161.	1.9	33
9	The diagnostic performance of quantitative mapping in breast cancer patients: a preliminary study using synthetic MRI. <i>Cancer Imaging</i> , 2020, 20, 88.	1.2	27
10	Frequency-Specific Changes of Resting Brain Activity in Parkinson's Disease: A Machine Learning Approach. <i>Neuroscience</i> , 2020, 436, 170-183.	1.1	26
11	Sex-related differences in resting-state brain activity and connectivity in the orbital frontal cortex and insula in patients with functional constipation. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13566.	1.6	23
12	Cardiac T1 and T2 Mapping Showed Myocardial Involvement in Recovered COVID-19 Patients Initially Considered Devoid of Cardiac Damage. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 421-428.	1.9	23
13	Frequency specific brain networks in Parkinson's disease and comorbid depression. <i>Brain Imaging and Behavior</i> , 2017, 11, 224-239.	1.1	22
14	Diagnostic performance between MR amide proton transfer (APT) and diffusion kurtosis imaging (DKI) in glioma grading and IDH mutation status prediction at 3T. <i>European Journal of Radiology</i> , 2021, 134, 109466.	1.2	22
15	Anodal transcranial direct current stimulation relieves the unilateral bias of a rat model of Parkinson's disease. , 2011, 2011, 765-8.		21
16	Investigation of Synthetic Magnetic Resonance Imaging Applied in the Evaluation of the Tumor Grade of Bladder Cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1989-1997.	1.9	21
17	Fast and equilibrium CEST imaging of brain tumor patients at 3T. <i>NeuroImage: Clinical</i> , 2022, 33, 102890.	1.4	21
18	Large-scale cortical volume correlation networks reveal disrupted small world patterns in Parkinson's disease. <i>Neuroscience Letters</i> , 2018, 662, 374-380.	1.0	20

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19	Synergistic Effects of FGF-18 and TGF- $\beta$ 3 on the Chondrogenesis of Human Adipose-Derived Mesenchymal Stem Cells in the Pellet Culture. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	19
20	Cortical morphometry alterations in brain regions involved in emotional, motor-control and self-referential processing in patients with functional constipation. <i>Brain Imaging and Behavior</i> , 2020, 14, 1899-1907.	1.1	17
21	Intrinsic frequency specific brain networks for identification of MCI individuals using resting-state fMRI. <i>Neuroscience Letters</i> , 2018, 664, 7-14.	1.0	16
22	Investigation of the feasibility of synthetic MRI in the differential diagnosis of non-keratinising nasopharyngeal carcinoma and benign hyperplasia using different contoured methods for delineation of the region of interest. <i>Clinical Radiology</i> , 2021, 76, 238.e9-238.e15.	0.5	13
23	Amide Proton Transfer-weighted MRI in Predicting Histologic Grade of Bladder Cancer. <i>Radiology</i> , 2022, 305, 127-134.	3.6	13
24	Abnormal white matter microstructures in Parkinson's disease and comorbid depression: A whole-brain diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2020, 735, 135238.	1.0	12
25	Myelin deficits in patients with recurrent major depressive disorder: An inhomogeneous magnetization transfer study. <i>Neuroscience Letters</i> , 2021, 750, 135768.	1.0	11
26	Topological changes in white matter connectivity network in patients with Parkinson's disease and depression. <i>Brain Imaging and Behavior</i> , 2020, 14, 2559-2568.	1.1	10
27	Brain volumetric and fractal analysis of synthetic MRI: A comparative study with conventional 3D T1-weighted images. <i>European Journal of Radiology</i> , 2021, 141, 109782.	1.2	8
28	Quantitative synthetic MRI reveals grey matter abnormalities in children with drug-naïve attention-deficit/hyperactivity disorder. <i>Brain Imaging and Behavior</i> , 2022, 16, 406-414.	1.1	8
29	Demonstration of fast and equilibrium human muscle creatine CEST imaging at 3 T. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 322-331.	1.9	8
30	Intravoxel incoherent motion imaging of the kidney: The application in patients with hyperuricemia. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 833-840.	1.9	7
31	Severity Assessment and Progression Prediction of COVID-19 Patients Based on the LesionEncoder Framework and Chest CT. <i>Information (Switzerland)</i> , 2021, 12, 471.	1.7	7
32	Reduced myelin density in unmedicated major depressive disorder: An inhomogeneous magnetization transfer MRI study. <i>Journal of Affective Disorders</i> , 2022, 300, 114-120.	2.0	6
33	Mapping the Interactive Effects of ApoE Gene Polymorphism on Caudate Functional Connectivity in Mild Cognitive Impairment Associated With Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2020, 14, 857.	1.4	5
34	Combined application of DTI and BOLD-MRI in the assessment of renal injury with hyperuricemia. <i>Abdominal Radiology</i> , 2021, 46, 1694-1702.	1.0	3
35	Quantification of brown adipose tissue in vivo using synthetic magnetic resonance imaging: an experimental study with mice model. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 12, 0-0.	1.1	3
36	Multiparametric MRI analysis for the evaluation of renal function in patients with hyperuricemia: a preliminary study. <i>BMC Medical Imaging</i> , 2021, 21, 139.	1.4	3

#	ARTICLE	IF	CITATIONS
37	Non-invasive investigation of early kidney damage in streptozotocin-induced diabetic rats by intravoxel incoherent motion diffusion-weighted (IVIM) MRI. BMC Nephrology, 2021, 22, 321.	0.8	3
38	Brain Volumetric Measurements in Children With Attention Deficit Hyperactivity Disorder: A Comparative Study Between Synthetic and Conventional Magnetic Resonance Imaging. Frontiers in Neuroscience, 2021, 15, 711528.	1.4	2
39	Baseline Amide Proton Transfer Imaging at 3T Fails to Predict Early Response to Induction Chemotherapy in Nasopharyngeal Carcinoma. Frontiers in Oncology, 2022, 12, 822756.	1.3	2
40	Effects of acute mild hypoxia on cerebral blood flow in pilots. Neurological Sciences, 2021, 42, 673-680.	0.9	1
41	Topologic Reorganization of White Matter Connectivity Networks in Early-Blind Adolescents. Neural Plasticity, 2022, 2022, 1-11.	1.0	1
42	Intravoxel incoherent motion imaging of the kidney: The application in patients with hyperuricemia. Journal of Magnetic Resonance Imaging, 2020, 51, .	1.9	0