

Guang-Bin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,616
citations

393982

19
h-index

344852

36
g-index

75
all docs

75
docs citations

75
times ranked

2683
citing authors

#	ARTICLE	IF	CITATIONS
1	The macromolecular MR spectrum does not change with healthy aging. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1711-1719.	1.9	18
2	Focal cortical dysplasia in epilepsy is associated with GABA increase. <i>NeuroImage: Clinical</i> , 2021, 31, 102763.	1.4	6
3	Epithelioid angiomyolipoma of the pancreas: A case report and review of the literature. <i>World Journal of Clinical Cases</i> , 2021, 9, 1931-1939.	0.3	0
4	Single-dose L-dopa increases upper brainstem GABA in Parkinson's disease: A preliminary study. <i>Journal of the Neurological Sciences</i> , 2021, 422, 117309.	0.3	11
5	Upper brainstem GABA levels in Parkinson's disease. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 689-696.	1.1	8
6	Pulmonary artery trunk enlargement on admission as a predictor of mortality in in-hospital patients with COVID-19. <i>Japanese Journal of Radiology</i> , 2021, 39, 589-597.	1.0	13
7	Association between homocysteine and white matter hyperintensities in rural-dwelling Chinese people with asymptomatic intracranial arterial stenosis: A population-based study. <i>Brain and Behavior</i> , 2021, 11, e02205.	1.0	3
8	Single-direction diffusion-weighted imaging may be a simple complementary sequence for evaluating fetal corpus callosum. <i>European Radiology</i> , 2021, , 1.	2.3	0
9	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430.	2.1	28
10	Evaluation of MRI Features and Neurodevelopmental Outcomes for Prenatally Diagnosed Periventricular Pseudocysts. <i>Frontiers in Pediatrics</i> , 2021, 9, 681999.	0.9	0
11	White matter integrity in patients with classic trigeminal neuralgia: a multi-node automated fiber tract quantification study. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110470.	0.4	4
12	Comparison of Carotid Atherosclerosis between Patients at High Altitude and Sea Level: A Chinese Atherosclerosis Risk Evaluation Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104448.	0.7	6
13	Placenta percreta evaluated by MRI: correlation with maternal morbidity. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 851-857.	0.8	8
14	Fetal brain age estimation and anomaly detection using attention-based deep ensembles with uncertainty. <i>NeuroImage</i> , 2020, 223, 117316.	2.1	35
15	Bilaterally Asymmetric Associations Between Extracranial Carotid Artery Atherosclerosis and Ipsilateral Middle Cerebral Artery Stenosis in Symptomatic Patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2965-2974.	1.1	4
16	GSH and GABA decreases in IDH1-mutated low-grade gliomas detected by HERMES spectral editing at 3T in vivo. <i>Neurochemistry International</i> , 2020, 141, 104889.	1.9	5
17	Feasibility of Measuring GABA Levels in the Upper Brainstem in Healthy Volunteers Using Edited MRS. <i>Frontiers in Psychiatry</i> , 2020, 11, 813.	1.3	2
18	Brain GABA+ changes in primary hypothyroidism patients before and after levothyroxine treatment: A longitudinal magnetic resonance spectroscopy study. <i>NeuroImage: Clinical</i> , 2020, 28, 102473.	1.4	9

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19	Image quality of the CAIPIRINHA-Dixon-TWIST-VIBE technique for ultra-fast breast DCE-MRI: Comparison with the conventional GRE technique. <i>European Journal of Radiology</i> , 2020, 129, 109108.	1.2	4
20	Timely Diagnosis and Treatment Shortens the Time to Resolution of Coronavirus Disease (COVID-19) Pneumonia and Lowers the Highest and Last CT Scores From Sequential Chest CT. <i>American Journal of Roentgenology</i> , 2020, 215, 367-373.	1.0	84
21	Protein-based amide proton transfer-weighted MR imaging of amnesic mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2020, 25, 102153.	1.4	19
22	Feasibility of free-breathing T1-weighted 3D radial VIBE for fetal MRI in various anomalies. <i>Magnetic Resonance Imaging</i> , 2020, 69, 57-64.	1.0	6
23	Amide proton transfer-weighted magnetic resonance imaging of human brain aging at 3 Tesla. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 727-742.	1.1	11
24	Association between asymptomatic intracranial arterial stenosis and insulin resistance or diabetes mellitus: a cross-sectional study in rural Shandong, China. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001788.	1.2	5
25	Diagnostic value of combination of cranial MRI, serum homocysteine and procalcitonin for hyperbilirubinemia complicated with brain injury in neonates. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 51.	0.8	0
26	Diagnostic value of combination of cranial MRI, serum homocysteine and procalcitonin for hyperbilirubinemia complicated with brain injury in neonates. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	0.8	0
27	Big GABA II: Water-referenced edited MR spectroscopy at 25 research sites. <i>NeuroImage</i> , 2019, 191, 537-548.	2.1	76
28	Effect of Dual-Source Radiofrequency Transmission on Left Ventricular Measurements and Measurement Reproducibility at 3.0 T Cardiac MR Imaging: Comparison with Conventional Single-Source Transmission Reference. <i>Academic Radiology</i> , 2019, 26, e56-e66.	1.3	0
29	Diffusion Tensor Imaging of Tibial and Common Peroneal Nerves in Patients With Guillain-Barré Syndrome: A Feasibility Study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1356-1364.	1.9	6
30	Arcuate Fasciculus in Autism Spectrum Disorder Toddlers with Language Regression. <i>Open Medicine (Poland)</i> , 2018, 13, 90-95.	0.6	9
31	Examining alterations in GABA concentrations in the basal ganglia of patients with Parkinson's disease using MEGA-PRESS MRS. <i>Japanese Journal of Radiology</i> , 2018, 36, 194-199.	1.0	18
32	Inhibitory motor dysfunction in parkinson's disease subtypes. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1610-1615.	1.9	25
33	Reduced GABA levels correlate with cognitive impairment in patients with relapsing-remitting multiple sclerosis. <i>European Radiology</i> , 2018, 28, 1140-1148.	2.3	58
34	Quantitative assessment of liver function with whole-liver T1rho mapping at 3.0 T. <i>Magnetic Resonance Imaging</i> , 2018, 46, 75-80.	1.0	18
35	Invasive placenta previa: Placental bulge with distorted uterine outline and uterine serosal hypervascularity at 1.5T MRI – useful features for differentiating placenta percreta from placenta accreta. <i>European Radiology</i> , 2018, 28, 708-717.	2.3	42
36	Morphological evaluation of cervix using MRI at 32 to 36 weeks of gestation. <i>Medicine (United States)</i> , 2018, 97, e13375.	0.4	9

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37	Gray Matter Atrophy Is Associated With Cognitive Impairment in Patients With Presbycusis: A Comprehensive Morphometric Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 744.	1.4	47
38	Altered hippocampal GABA and glutamate levels and uncoupling from functional connectivity in multiple sclerosis. <i>Hippocampus</i> , 2018, 28, 813-823.	0.9	33
39	Subtypes evaluation of motor dysfunction in Parkinson's disease using neuromelanin-sensitive magnetic resonance imaging. <i>Neuroscience Letters</i> , 2017, 638, 145-150.	1.0	28
40	Assessment of tibial and common peroneal nerves in diabetic peripheral neuropathy by diffusion tensor imaging: a case control study. <i>European Radiology</i> , 2017, 27, 3523-3531.	2.3	35
41	An fMRI study of the effects on normal language areas when acupuncture the Tongli (HT5) and Xuanzhong (GB39) acupoints. <i>Journal of International Medical Research</i> , 2017, 45, 1961-1975.	0.4	8
42	Big GABA: Edited MR spectroscopy at 24 research sites. <i>NeuroImage</i> , 2017, 159, 32-45.	2.1	143
43	Related Factors of Asymmetrical Vein Sign in Acute Middle Cerebral Artery Stroke and Correlation with Clinical Outcome. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2346-2353.	0.7	16
44	Investigation of brain GABA+ in primary hypothyroidism using edited proton MR spectroscopy. <i>Clinical Endocrinology</i> , 2017, 86, 256-262.	1.2	8
45	Diffusion-weighted MR neurography of median and ulnar nerves in the wrist and palm. <i>European Radiology</i> , 2017, 27, 2359-2366.	2.3	15
46	Cerebral Hemodynamic and White Matter Changes of Type 2 Diabetes Revealed by Multi-TI Arterial Spin Labeling and Double Inversion Recovery Sequence. <i>Frontiers in Neurology</i> , 2017, 8, 717.	1.1	19
47	Voxel Placement Precision for GABA-Edited Magnetic Resonance Spectroscopy. <i>Open Journal of Radiology</i> , 2017, 07, 35-44.	0.1	22
48	GABA+ levels in postmenopausal women with mild-to-moderate depression. <i>Medicine (United States)</i> , 2016, 95, e4918.	0.4	14
49	Diffusion measurement of intraplaque hemorrhage and intramural hematoma using diffusion weighted MRI at 3T in cervical artery. <i>European Radiology</i> , 2016, 26, 3737-3743.	2.3	14
50	DTI Analysis of Presbycusis Using Voxel-Based Analysis. <i>American Journal of Neuroradiology</i> , 2016, 37, 2110-2114.	1.2	20
51	3D-DIR for early differential diagnostic and prognostic evaluation of NMO. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 1464-1468.	0.8	3
52	Spinal perimedullary vein enlargement sign: an added value for the differentiation between intradural-extramedullary and intramedullary tumors on magnetic resonance imaging. <i>Neuroradiology</i> , 2016, 58, 1117-1124.	1.1	2
53	Improving the Grading Accuracy of Astrocytic Neoplasms Noninvasively by Combining Timing Information with Cerebral Blood Flow: A Multi-TI Arterial Spin-Labeling MR Imaging Study. <i>American Journal of Neuroradiology</i> , 2016, 37, 2209-2216.	1.2	20
54	Application of DTI and ARFI imaging in differential diagnosis of parotid tumours. <i>Dentomaxillofacial Radiology</i> , 2016, 45, 20160100.	1.3	15

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55	Chondrosarcoma of the para-acetabulum: correlation of imaging features with histopathological grade. <i>Radiologia Medica</i> , 2016, 121, 897-904.	4.7	7
56	Incidence and age and gender profiles of hyperplasia in individual cervical vertebrae. <i>Journal of International Medical Research</i> , 2016, 44, 917-922.	0.4	1
57	The consistency between measurements of the femoral neck anteversion angle in DDH on three-dimensional CT and MRI. <i>Acta Radiologica</i> , 2016, 57, 716-720.	0.5	11
58	Asymmetry of cerebral blood flow measured with three-dimensional pseudocontinuous arterial spin-labeling mr imaging in temporal lobe epilepsy with and without mesial temporal sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1386-1397.	1.9	35
59	Characterizing the contrast of white matter and grey matter in high-resolution phase difference enhanced imaging of human brain at 3.0 T. <i>European Radiology</i> , 2015, 25, 1068-1076.	2.3	5
60	Decreased auditory GABA+ concentrations in presbycusis demonstrated by edited magnetic resonance spectroscopy. <i>NeuroImage</i> , 2015, 106, 311-316.	2.1	64
61	Cochlear nerve diameters on multipoint measurements and effects of aging in normal-hearing children using 3.0-T magnetic resonance imaging. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 1077-1080.	0.4	7
62	Alterations of GABA and glutamate-glutamine levels in premenstrual dysphoric disorder: A 3T proton magnetic resonance spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 64-70.	0.9	39
63	Decreased γ -aminobutyric acid levels in the parietal region of patients with Alzheimer's disease. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1326-1331.	1.9	82
64	Comparison of T1 and T2* Relaxation Mapping in Patients with Different Grades of Disc Degeneration at 3T MR. <i>Medical Science Monitor</i> , 2015, 21, 1934-1941.	0.5	21
65	Deep-gray nuclei susceptibility-weighted imaging filtered phase shift in patients with Wilson's disease. <i>Pediatric Research</i> , 2014, 75, 436-442.	1.1	10
66	SWI phase asymmetries in deep gray matter of healthy adults: is there an association with handedness?. <i>Brain Imaging and Behavior</i> , 2013, 7, 220-226.	1.1	3
67	Edited magnetic resonance spectroscopy detects an age-related decline in brain GABA levels. <i>NeuroImage</i> , 2013, 78, 75-82.	2.1	247
68	Diffusion-Weighted MR Neurography of Extremity Nerves With Unidirectional Motion-Probing Gradients at 3 T: Feasibility Study. <i>American Journal of Roentgenology</i> , 2013, 200, 1106-1114.	1.0	18
69	Fetal cleft lip with and without cleft palate: Comparison between MR imaging and US for prenatal diagnosis. <i>European Journal of Radiology</i> , 2011, 79, 437-442.	1.2	41
70	Fetal central nervous system anomalies: comparison of magnetic resonance imaging and ultrasonography for diagnosis. <i>Chinese Medical Journal</i> , 2006, 119, 1272-7.	0.9	7
71	Medical imaging findings in Cobb syndrome: two case reports. <i>Chinese Medical Journal</i> , 2005, 118, 1050-3.	0.9	3
72	Fetal MRI imaging: a brief overview of the techniques, anatomy and anomalies. <i>Chinese Journal of Academic Radiology</i> , 0, , 1.	0.4	0