

Ewart Mark Haacke

List of Publications by Year in descending order

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Version: 2024-02-01

271
papers

16,395
citations

19608

61
h-index

19690

117
g-index

346
all docs

346
docs citations

346
times ranked

12800
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the parenchymal vascular system in cerebrospinal fluid tracer clearance. <i>European Radiology</i> , 2023, 33, 656-665.	2.3	4
2	Three-dimensional simultaneous brain mapping of T1, T2, and magnetic susceptibility with MR Multitasking. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1375-1389.	1.9	15
3	Quantitative Susceptibility Mapping of Brain Iron Relating to Cognitive Impairment in Hypertension. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 508-515.	1.9	6
4	Automatic detection of neuromelanin and iron in the midbrain nuclei using a magnetic resonance imaging-based brain template. <i>Human Brain Mapping</i> , 2022, 43, 2011-2025.	1.9	10
5	Brain iron deposition and movement disorders in hereditary haemochromatosis without liver failure: A cross-sectional study. <i>European Journal of Neurology</i> , 2022, , .	1.7	3
6	Vascular mapping of the human hippocampus using Ferumoxytol-enhanced MRI. <i>NeuroImage</i> , 2022, 250, 118957.	2.1	6
7	STAGE as a multicenter, multivendor protocol for imaging Parkinson's disease: a validation study on healthy controls. <i>Chinese Journal of Academic Radiology</i> , 2022, 5, 47-60.	0.4	4
8	Mapping Motor Pathways in Parkinson's Disease Patients with Subthalamic Deep Brain Stimulator: A Diffusion MRI Tractography Study. <i>Neurology and Therapy</i> , 2022, , 1.	1.4	2
9	A Comparison of Magnetic Resonance Imaging Methods to Assess Multiple Sclerosis Lesions: Implications for Patient Characterization and Clinical Trial Design. <i>Diagnostics</i> , 2022, 12, 77.	1.3	7
10	Quantitative susceptibility mapping of both ring and non-ring white matter lesions in relapsing remitting multiple sclerosis. <i>Magnetic Resonance Imaging</i> , 2022, 91, 45-51.	1.0	4
11	Plaque characteristics of middle cerebral artery assessed using strategically acquired gradient echo (STAGE) and vessel wall MR contribute to misery downstream perfusion in patients with intracranial atherosclerosis. <i>European Radiology</i> , 2021, 31, 65-75.	2.3	9
12	Imaging patients pre and post deep brain stimulation: Localization of the electrodes and their targets. <i>Magnetic Resonance Imaging</i> , 2021, 75, 34-44.	1.0	7
13	Quantitative MRI using Strategically Acquired Gradient Echo (STAGE): optimization for 1.5 T scanners and T1 relaxation map validation. <i>European Radiology</i> , 2021, 31, 4504-4513.	2.3	4
14	Quantitative susceptibility-weighted imaging may be an accurate method for determining stroke hypoperfusion and hypoxia of penumbra. <i>European Radiology</i> , 2021, 31, 6323-6333.	2.3	11
15	Fetal brain tissue characterization at 1.5 T using Strategically Acquired Gradient Echo (STAGE) imaging. <i>European Radiology</i> , 2021, 31, 5586-5594.	2.3	3
16	VC-Net: Deep Volume-Composition Networks for Segmentation and Visualization of Highly Sparse and Noisy Image Data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 1301-1311.	2.9	21
17	Susceptibility-weighted Imaging: Technical Essentials and Clinical Neurologic Applications. <i>Radiology</i> , 2021, 299, 3-26.	3.6	92
18	An Overview of Venous Abnormalities Related to the Development of Lesions in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2021, 12, 561458.	1.1	13

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19	Imaging iron and neuromelanin simultaneously using a single 3D gradient echo magnetization transfer sequence: Combining neuromelanin, iron and the nigrosome-1 sign as complementary imaging biomarkers in early stage Parkinson's disease. <i>NeuroImage</i> , 2021, 230, 117810.	2.1	34
20	Assessing brain iron and volume of subcortical nuclei in idiopathic rapid eye movement sleep behavior disorder. <i>Sleep</i> , 2021, 44, .	0.6	12
21	All Central Nervous System Neuro- and Vascular-Communication Channels Are Surrounded With Cerebrospinal Fluid. <i>Frontiers in Neurology</i> , 2021, 12, 614636.	1.1	7
22	More on Exploiting the T1 Shinythrough and T2* Effects Using Multiecho Susceptibility-Weighted Imaging. <i>American Journal of Neuroradiology</i> , 2021, 42, E62-E63.	1.2	0
23	Estimating cerebral venous oxygenation in human fetuses with ventriculomegaly using quantitative susceptibility mapping. <i>Magnetic Resonance Imaging</i> , 2021, 80, 21-25.	1.0	2
24	Editorial: Quantitative Susceptibility Mapping in Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2021, 15, 724550.	1.4	1
25	Utility of quantitative susceptibility mapping and diffusion kurtosis imaging in the diagnosis of early Parkinson's disease. <i>NeuroImage: Clinical</i> , 2021, 32, 102831.	1.4	9
26	Predicting Motor Outcome of Subthalamic Nucleus Deep Brain Stimulation for Parkinson's Disease Using Quantitative Susceptibility Mapping and Radiomics: A Pilot Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 731109.	1.4	5
27	Dynamic Changes of Asymmetric Cortical Veins Relate to Neurologic Prognosis in Acute Ischemic Stroke. <i>Radiology</i> , 2021, 301, 210201.	3.6	6
28	Revealing vascular abnormalities and measuring small vessel density in multiple sclerosis lesions using USPIO. <i>NeuroImage: Clinical</i> , 2021, 29, 102525.	1.4	13
29	Quantifying Tissue Properties of the Optic Radiations Using Strategically Acquired Gradient Echo Imaging and Enhancing the Contrast Using Diamagnetic Susceptibility Weighted Imaging. <i>American Journal of Neuroradiology</i> , 2021, 42, 285-287.	1.2	1
30	Principles of susceptibility-weighted MRI. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2021, 4, 341-357.	0.0	0
31	Editorial: Update on Vascular Contributions to Age-Related Neurodegenerative Diseases and Cognitive Impairment - Research of ISNVD 2020 Meeting. <i>Frontiers in Neurology</i> , 2021, 12, 797486.	1.1	1
32	Stability of AI-Enabled Diagnosis of Parkinson's Disease: A Study Targeting Substantia Nigra in Quantitative Susceptibility Mapping Imaging. <i>Frontiers in Neuroscience</i> , 2021, 15, 760975.	1.4	3
33	Reduced regional cerebral venous oxygen saturation is a risk factor for the cognitive impairment in hemodialysis patients: a quantitative susceptibility mapping study. <i>Brain Imaging and Behavior</i> , 2020, 14, 1339-1349.	1.1	11
34	Impact of nasopharyngeal irradiation and gadolinium administration on changes in T1 signal intensity of the dentate nucleus in nasopharyngeal malignancy patients without intracranial abnormalities. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 250-259.	1.9	1
35	Strategically Acquired Gradient Echo (STAGE) imaging, part III: Technical advances and clinical applications of a rapid multi-contrast multi-parametric brain imaging method. <i>Magnetic Resonance Imaging</i> , 2020, 65, 15-26.	1.0	46
36	Visualizing the lateral habenula using susceptibility weighted imaging and quantitative susceptibility mapping. <i>Magnetic Resonance Imaging</i> , 2020, 65, 55-61.	1.0	18

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37	Dual-Imaging Modality Approach to Evaluate Cerebral Hemodynamics in Growth-Restricted Fetuses: Oxygenation and Perfusion. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 145-155.	0.6	3
38	Detecting sub-voxel microvasculature with USPIO-enhanced susceptibility-weighted MRI at 7ÅT. <i>Magnetic Resonance Imaging</i> , 2020, 67, 90-100.	1.0	13
39	Imaging the Nigrosome 1 in the substantia nigra using susceptibility weighted imaging and quantitative susceptibility mapping: An application to Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 25, 102103.	1.4	63
40	Susceptibility and Volume Measures of the Mammillary Bodies Between Mild Cognitively Impaired Patients and Healthy Controls. <i>Frontiers in Neuroscience</i> , 2020, 14, 572595.	1.4	3
41	Multi-Echo Quantitative Susceptibility Mapping for Strategically Acquired Gradient Echo (STAGE) Imaging. <i>Frontiers in Neuroscience</i> , 2020, 14, 581474.	1.4	13
42	Imaging of the Spinal Cord in Multiple Sclerosis: Past, Present, Future. <i>Brain Sciences</i> , 2020, 10, 857.	1.1	10
43	Longitudinal Magnetic Resonance Imaging of Cerebral Microbleeds in Multiple Sclerosis Patients. <i>Diagnostics</i> , 2020, 10, 942.	1.3	3
44	Optimizing neuromelanin contrast in the substantia nigra and locus coeruleus using a magnetization transfer contrast prepared 3D gradient recalled echo sequence. <i>NeuroImage</i> , 2020, 218, 116935.	2.1	20
45	Prevention and control of COVID-19 in neurointerventional surgery: expert consensus from the Chinese Federation of Interventional and Therapeutic Neuroradiology (CFITN) and the International Society for Neurovascular Disease (ISNVD). <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 658-663.	2.0	10
46	Vascular, flow and perfusion abnormalities in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2020, 73, 8-13.	1.1	13
47	Subvoxel vascular imaging of the midbrain using USPIO-Enhanced MRI. <i>NeuroImage</i> , 2020, 220, 117106.	2.1	17
48	Strategically acquired gradient echo (STAGE)-derived MR angiography might be a superior alternative method to time-of-flight MR angiography in visualization of leptomeningeal collaterals. <i>European Radiology</i> , 2020, 30, 5110-5119.	2.3	3
49	Iron Content in Deep Gray Matter as a Function of Age Using Quantitative Susceptibility Mapping: A Multicenter Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 607705.	1.4	20
50	Quantitative Susceptibility Mapping for Characterization of Intraplaque Hemorrhage and Calcification in Carotid Atherosclerotic Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 534-541.	1.9	15
51	Rapid multicontrast brain imaging on a 0.35T MR scanner. <i>Medical Physics</i> , 2020, 47, 4064-4076.	1.6	21
52	The capability of detecting small vessels beyond the conventional MRI sensitivity using iron-based contrast agent enhanced susceptibility weighted imaging. <i>NMR in Biomedicine</i> , 2020, 33, e4256.	1.6	9
53	Radiomic Features of the Nigrosome-1 Region of the Substantia Nigra: Using Quantitative Susceptibility Mapping to Assist the Diagnosis of Idiopathic Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 167.	1.7	52
54	Quantitative susceptibility mapping based hybrid feature extraction for diagnosis of Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 102070.	1.4	35

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55	Perfusion and Susceptibility Weighted Imaging in Traumatic Brain Injury. , 2019, , 303-319.		0
56	Regional High Iron in the Substantia Nigra Differentiates Parkinsonâ€™s Disease Patients From Healthy Controls. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 106.	1.7	59
57	Cerebral microbleed detection using Susceptibility Weighted Imaging and deep learning. <i>NeuroImage</i> , 2019, 198, 271-282.	2.1	55
58	Venous and glymphatic drainage of the brain: Brief history of the International Society for Neurovascular Disease. <i>Veins and Lymphatics</i> , 2019, 8, .	0.1	0
59	The relation between cognitive dysfunction and diffusion tensor imaging parameters in traumatic brain injury. <i>Brain Injury</i> , 2019, 33, 355-363.	0.6	15
60	â€œPseudoâ€•T1-weighted appearance of the brain on FLAIR: unmasking the extent of gray matter involvement on susceptibility-weighted imaging in chronic toluene abuse. <i>Neuroradiology</i> , 2019, 61, 13-15.	1.1	1
61	Susceptibility mapping of the dural sinuses and other superficial veins in the brain. <i>Magnetic Resonance Imaging</i> , 2019, 57, 19-27.	1.0	5
62	Iron quantification in Parkinson's disease using an age-based threshold on susceptibility maps: The advantage of local versus entire structure iron content measurements. <i>Magnetic Resonance Imaging</i> , 2019, 55, 145-152.	1.0	18
63	Quantitative susceptibility mapping in the human fetus to measure blood oxygenation in the superior sagittal sinus. <i>European Radiology</i> , 2019, 29, 2017-2026.	2.3	13
64	Quantifying iron content in magnetic resonance imaging. <i>NeuroImage</i> , 2019, 187, 77-92.	2.1	71
65	Peripheral nerve magnetic resonance imaging. <i>F1000Research</i> , 2019, 8, 1803.	0.8	34
66	Screening of ligands for redox-active europium using magnetic resonance imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5274-5279.	1.4	7
67	Quantitative Flow Imaging in Human Umbilical Vessels In Utero Using Nongated 2D Phase Contrast MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 283-289.	1.9	6
68	Reduced deep regional cerebral venous oxygen saturation in hemodialysis patients using quantitative susceptibility mapping. <i>Metabolic Brain Disease</i> , 2018, 33, 313-323.	1.4	7
69	The T1 shine through effect on susceptibility weighted imaging: an under recognized phenomenon. <i>Neuroradiology</i> , 2018, 60, 235-237.	1.1	11
70	Imaging putative foetal cerebral blood oxygenation using susceptibility weighted imaging (SWI). <i>European Radiology</i> , 2018, 28, 1884-1890.	2.3	12
71	Susceptibility weighted imaging and quantitative susceptibility mapping of the cerebral vasculature using ferumoxytol. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 621-633.	1.9	27
72	Strategically Acquired Gradient Echo (STAGE) imaging, part I: Creating enhanced T1 contrast and standardized susceptibility weighted imaging and quantitative susceptibility mapping. <i>Magnetic Resonance Imaging</i> , 2018, 46, 130-139.	1.0	76

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73	Strategically Acquired Gradient Echo (STAGE) imaging, part II: Correcting for RF inhomogeneities in estimating T1 and proton density. <i>Magnetic Resonance Imaging</i> , 2018, 46, 140-150.	1.0	42
74	Normal macromolecular clearance out of the ventricles is delayed in hydrocephalus. <i>Brain Research</i> , 2018, 1678, 337-355.	1.1	16
75	An interleaved sequence for simultaneous magnetic resonance angiography (MRA), susceptibility weighted imaging (SWI) and quantitative susceptibility mapping (QSM). <i>Magnetic Resonance Imaging</i> , 2018, 47, 1-6.	1.0	23
76	Quantification of liver iron concentration using the apparent susceptibility of hepatic vessels. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 123-134.	1.1	17
77	Subcortical brain iron deposition and cognitive performance in older women with breast cancer receiving adjuvant chemotherapy: A pilot MRI study. <i>Magnetic Resonance Imaging</i> , 2018, 54, 218-224.	1.0	12
78	A rapid, robust multi-echo phase unwrapping method for quantitative susceptibility mapping (QSM) using strategically acquired gradient echo (STAGE) data acquisition. , 2018, , .		3
79	1.5 Tesla Magnetic Resonance Imaging to Investigate Potential Etiologies of Brain Swelling in Pediatric Cerebral Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 497-504.	0.6	36
80	Susceptibility-weighted imaging: current status and future directions. <i>NMR in Biomedicine</i> , 2017, 30, e3552.	1.6	121
81	Quantifying the changes in oxygen extraction fraction and cerebral activity caused by caffeine and acetazolamide. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 825-836.	2.4	33
82	Determination of detection sensitivity for cerebral microbleeds using susceptibility-weighted imaging. <i>NMR in Biomedicine</i> , 2017, 30, e3551.	1.6	25
83	Susceptibility weighted imaging in acute cerebral ischemia: review of emerging technical concepts and clinical applications. <i>Neuroradiology Journal</i> , 2017, 30, 109-119.	0.6	29
84	Oxidation-Responsive, Eu ^{III} -Based, Multimodal Contrast Agent for Magnetic Resonance and Photoacoustic Imaging. <i>ACS Omega</i> , 2017, 2, 800-805.	1.6	22
85	<i>In vivo</i> imaging of prodromal hippocampus CA1 subfield oxidative stress in models of Alzheimer disease and Angelman syndrome. <i>FASEB Journal</i> , 2017, 31, 4179-4186.	0.2	34
86	Jugular Anomalies in Multiple Sclerosis Are Associated with Increased Collateral Venous Flow. <i>American Journal of Neuroradiology</i> , 2017, 38, 1617-1622.	1.2	12
87	Decreased susceptibility of major veins in mild traumatic brain injury is correlated with post-concussive symptoms: A quantitative susceptibility mapping study. <i>NeuroImage: Clinical</i> , 2017, 15, 625-632.	1.4	19
88	Amide proton transfer magnetic resonance imaging in detecting intracranial hemorrhage at different stages: a comparative study with susceptibility weighted imaging. <i>Scientific Reports</i> , 2017, 7, 45696.	1.6	30
89	MR imaging findings in mild traumatic brain injury with persistent neurological impairment. <i>Magnetic Resonance Imaging</i> , 2017, 37, 243-251.	1.0	40
90	Constrained Data Extrapolation (CODE): A new approach for high definition vascular imaging from low resolution data. <i>Magnetic Resonance Imaging</i> , 2017, 44, 111-118.	1.0	2

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91	Structural Features of Europium(II)-Containing Cryptates That Influence Relaxivity. Chemistry - A European Journal, 2017, 23, 15404-15414.	1.7	39
92	Cover Image, Volume 30, Issue 4. NMR in Biomedicine, 2017, 30, i.	1.6	1
93	Increased susceptibility of asymmetrically prominent cortical veins correlates with misery perfusion in patients with occlusion of the middle cerebral artery. European Radiology, 2017, 27, 2381-2390.	2.3	24
94	Detecting prostate cancer and prostatic calcifications using advanced magnetic resonance imaging. Asian Journal of Andrology, 2017, 19, 439.	0.8	9
95	Ferritin-EGFP Chimera as an Endogenous Dual-Reporter for Both Fluorescence and Magnetic Resonance Imaging in Human Glioma U251 Cells. Tomography, 2017, 3, 1-8.	0.8	7
96	Compensation through Functional Hyperconnectivity: A Longitudinal Connectome Assessment of Mild Traumatic Brain Injury. Neural Plasticity, 2016, 2016, 1-13.	1.0	50
97	A quantitative study of susceptibility and additional frequency shift of three common materials in MRI. Magnetic Resonance in Medicine, 2016, 76, 1263-1269.	1.9	5
98	Susceptibility-Weighted Imaging of Glioma: Update on Current Imaging Status and Future Directions. Journal of Neuroimaging, 2016, 26, 383-390.	1.0	54
99	A longitudinal study of placental perfusion using dynamic contrast enhanced magnetic resonance imaging in murine pregnancy. Placenta, 2016, 43, 90-97.	0.7	16
100	The connectivity domain: Analyzing resting state fMRI data using feature-based data-driven and model-based methods. NeuroImage, 2016, 134, 494-507.	2.1	69
101	Connectome-scale assessment of structural and functional connectivity in mild traumatic brain injury at the acute stage. NeuroImage: Clinical, 2016, 12, 100-115.	1.4	35
102	Validation of a Hemodynamic Model for the Study of the Cerebral Venous Outflow System Using MR Imaging and Echo-Color Doppler Data. American Journal of Neuroradiology, 2016, 37, 2100-2109.	1.2	13
103	Vestibular, balance, microvascular and white matter neuroimaging characteristics of blast injuries and mild traumatic brain injury: Four case reports. Brain Injury, 2016, 30, 1501-1514.	0.6	20
104	Assessing global and regional iron content in deep gray matter as a function of age using susceptibility mapping. Journal of Magnetic Resonance Imaging, 2016, 44, 59-71.	1.9	56
105	The phase value of putamen measured by susceptibility weighted images in Parkinson's disease and in other forms of Parkinsonism: a correlation study with F18 FP-CIT PET. Acta Radiologica, 2016, 57, 852-860.	0.5	3
106	A fully flow-compensated multiecho susceptibility-weighted imaging sequence: The effects of acceleration and background field on flow compensation. Magnetic Resonance in Medicine, 2016, 76, 478-489.	1.9	26
107	Grading of Gliomas by Using Monoexponential, Biexponential, and Stretched Exponential Diffusion-weighted MR Imaging and Diffusion Kurtosis MR Imaging. Radiology, 2016, 278, 496-504.	3.6	184
108	Susceptibility Weighted Imaging and Mapping of Micro-Hemorrhages and Major Deep Veins after Traumatic Brain Injury. Journal of Neurotrauma, 2016, 33, 10-21.	1.7	37

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109	Database integration of protocol-specific neurological imaging datasets. <i>NeuroImage</i> , 2016, 124, 1220-1224.	2.1	8
110	Susceptibility mapping of air, bone, and calcium in the head. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2185-2194.	1.9	48
111	Evaluating the Role of Reduced Oxygen Saturation and Vascular Damage in Traumatic Brain Injury Using Magnetic Resonance Perfusion-Weighted Imaging and Susceptibility-Weighted Imaging and Mapping. <i>Topics in Magnetic Resonance Imaging</i> , 2015, 24, 253-265.	0.7	11
112	A Eu^{II}-Containing Cryptate as a Redox Sensor in Magnetic Resonance Imaging of Living Tissue. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14398-14401.	7.2	64
113	Retrobulbar magnetic resonance angiography using binomial offâ€resonant rectangular (BORR) pulse. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1050-1056.	1.9	3
114	Jugular Venous Flow Abnormalities in Multiple Sclerosis Patients Compared to Normal Controls. <i>Journal of Neuroimaging</i> , 2015, 25, 600-607.	1.0	25
115	The role of magnetic resonance imaging in assessing venous vascular abnormalities in the head and neck: a demonstration of cerebrospinal venous insufficiency in a subset of multiple sclerosis patients. <i>Veins and Lymphatics</i> , 2015, 4, .	0.1	6
116	Cerebral Hemodynamic Changes of Mild Traumatic Brain Injury at the Acute Stage. <i>PLoS ONE</i> , 2015, 10, e0118061.	1.1	95
117	Improving Signal-to-Noise Ratio in Susceptibility Weighted Imaging: A Novel Multicomponent Non-Local Approach. <i>PLoS ONE</i> , 2015, 10, e0126835.	1.1	21
118	A Novel Multiparametric Approach to 3D Quantitative MRI of the Brain. <i>PLoS ONE</i> , 2015, 10, e0134963.	1.1	31
119	An improved method for susceptibility and radius quantification of cylindrical objects from MRI. <i>Magnetic Resonance Imaging</i> , 2015, 33, 420-436.	1.0	15
120	Resting State Functional Connectivity in Mild Traumatic Brain Injury at the Acute Stage: Independent Component and Seed-Based Analyses. <i>Journal of Neurotrauma</i> , 2015, 32, 1031-1045.	1.7	122
121	Quantifying errors in flow measurement using phase contrast magnetic resonance imaging: comparison of several boundary detection methods. <i>Magnetic Resonance Imaging</i> , 2015, 33, 185-193.	1.0	34
122	Quantifying brain iron deposition in patients with Parkinson's disease using quantitative susceptibility mapping, R2 and R2*. <i>Magnetic Resonance Imaging</i> , 2015, 33, 559-565.	1.0	215
123	Susceptibility-Weighted Imaging and Quantitative Susceptibility Mapping. , 2015, , 161-172.		2
124	Quantitative measurement of brain iron deposition in patients with haemodialysis using susceptibility mapping. <i>Metabolic Brain Disease</i> , 2015, 30, 563-571.	1.4	28
125	Striatal Iron Content Predicts Its Shrinkage and Changes in Verbal Working Memory after Two Years in Healthy Adults. <i>Journal of Neuroscience</i> , 2015, 35, 6731-6743.	1.7	92
126	Thickness of soft tissue of lower extremities measured with magnetic resonance imaging as a new indicator for staging unilateral secondary lower extremity lymphedema. <i>Acta Radiologica</i> , 2015, 56, 1016-1024.	0.5	9

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127	Susceptibility and size quantification of small human veins from an MRI method. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1191-1204.	1.0	9
128	Quantitative measurements of brain iron deposition in cirrhotic patients using susceptibility mapping. <i>Acta Radiologica</i> , 2015, 56, 339-346.	0.5	18
129	Quantitative susceptibility mapping: current status and future directions. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1-25.	1.0	426
130	Patterns of chronic venous insufficiency in the dural sinuses and extracranial draining veins and their relationship with white matter hyperintensities for patients with Parkinson's disease. <i>Journal of Vascular Surgery</i> , 2015, 61, 1511-1520.e1.	0.6	57
131	Traumatic Brain Injury by a Closed Head Injury Device Induces Cerebral Blood Flow Changes and Microhemorrhages. <i>Journal of Clinical Imaging Science</i> , 2015, 5, 52.	0.4	11
132	Automated White Matter Hyperintensity Detection in Multiple Sclerosis Using 3D T2 FLAIR. <i>International Journal of Biomedical Imaging</i> , 2014, 2014, 1-7.	3.0	15
133	MR venography of the fetal brain using susceptibility weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 949-957.	1.9	19
134	Improved MR venography using quantitative susceptibility-weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 698-708.	1.9	38
135	Is There Chronic Brain Damage in Retired NFL Players? <i>Neuroradiology, Neuropsychology, and Neurology Examinations of 45 Retired Players. Sports Health</i> , 2014, 6, 384-395.	1.3	91
136	Quantitative T2 Changes and Susceptibility-Weighted Magnetic Resonance Imaging in Murine Pregnancy. <i>Gynecologic and Obstetric Investigation</i> , 2014, 78, 33-40.	0.7	9
137	Measuring venous blood oxygenation in fetal brain using susceptibility-weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 998-1006.	1.9	31
138	Recommendations for Multimodal Noninvasive and Invasive Screening for Detection of Extracranial Venous Abnormalities Indicative of Chronic Cerebrospinal Venous Insufficiency: A Position Statement of the International Society for Neurovascular Disease. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1785-1794.e17.	0.2	57
139	Decreased oxygen saturation in asymmetrically prominent cortical veins in patients with cerebral ischemic stroke. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1272-1276.	1.0	66
140	New DCE-MRI parameters to quantify the vascular changes induced by sunitinib treatment in renal carcinoma tumors. , 2014, , .		1
141	A Pilot Study of Hypofractionated Stereotactic Radiation Therapy and Sunitinib in Previously Irradiated Patients With Recurrent High-Grade Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 369-375.	0.4	22
142	Quantitative susceptibility mapping of small objects using volume constraints. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 716-723.	1.9	20
143	A comparative study of magnetic resonance venography techniques for the evaluation of the internal jugular veins in multiple sclerosis patients. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1668-1676.	1.0	15
144	MR imaging of the yucatan pig head and neck vasculature. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 641-649.	1.9	14

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145	Tissue similarity maps (TSMs): A new means of mapping vascular behavior and calculating relative blood volume in perfusion weighted imaging. <i>Magnetic Resonance Imaging</i> , 2013, 31, 481-489.	1.0	13
146	Measuring iron in the brain using quantitative susceptibility mapping and X-ray fluorescence imaging. <i>NeuroImage</i> , 2013, 78, 68-74.	2.1	144
147	Catalytic multiecho phase unwrapping scheme (CAMPUS) in multiecho gradient echo imaging: Removing phase wraps on a voxel-by-voxel basis. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 117-126.	1.9	35
148	The Role of Hippocampal Iron Concentration and Hippocampal Volume in Age-Related Differences in Memory. <i>Cerebral Cortex</i> , 2013, 23, 1533-1541.	1.6	83
149	Noncontrast-enhanced magnetic resonance angiography and venography imaging with enhanced angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1539-1548.	1.9	26
150	Direct Portal Vein Thrombosis Visualization with T2*-Weighted Magnetic Resonance Imaging. <i>International Journal of Medical Sciences</i> , 2013, 10, 1570-1574.	1.1	4
151	Evaluating Hemorrhage in Renal Cell Carcinoma Using Susceptibility Weighted Imaging. <i>PLoS ONE</i> , 2013, 8, e57691.	1.1	22
152	In Vivo Measurement of Oxygenation Changes after Stroke Using Susceptibility Weighted Imaging Filtered Phase Data. <i>PLoS ONE</i> , 2013, 8, e63013.	1.1	31
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