Synthetic MRI for Clinical Neuroimaging: Results of the Compilation (MAGiC) Prospective, Multicenter, Multire

Citation Report

#	ARTICLE	IF	CITATIONS
1	Normal Values of Magnetic Relaxation Parameters of Spine Components with the Synthetic MRI Sequence. American Journal of Neuroradiology, 2018, 39, 788-795.	1.2	22
2	Quantitative texture analysis in the prediction of IDH status in low-grade gliomas. Clinical Neurology and Neurosurgery, 2018, 164, 114-120.	0.6	56
3	Diagnostic value of 3DFLAIR in clinical practice for the detection of infratentorial lesions in multiple sclerosis in regard to dual echo T2 sequences. European Journal of Radiology, 2018, 102, 146-151.	1.2	5
4	A 1€minute full brain MR exam using a multicontrast EPI sequence. Magnetic Resonance in Medicine, 2018, 79, 3045-3054.	1.9	51
5	Conventional and synthetic MRI in multiple sclerosis: a comparative study. European Radiology, 2018, 28, 1692-1700.	2.3	27
6	Synthesizing a Contrast-Enhancement Map in Patients with High-Grade Gliomas Based on a Postcontrast MR Imaging Quantification Only. American Journal of Neuroradiology, 2018, 39, 2194-2199.	1.2	7
7	Synthetic Brain MRI. Topics in Magnetic Resonance Imaging, 2018, 27, 387-393.	0.7	26
8	Synthetic MRI of the Knee: Phantom Validation and Comparison with Conventional MRI. Radiology, 2018, 289, 465-477.	3.6	42
9	Deep-learned 3D black-blood imaging using automatic labelling technique and 3D convolutional neural networks for detecting metastatic brain tumors. Scientific Reports, 2018, 8, 9450.	1.6	36
10	Feasibility of a Synthetic MR Imaging Sequence for Spine Imaging. American Journal of Neuroradiology, 2018, 39, 1756-1763.	1.2	17
11	Clinical equivalence assessment of T2 synthesized pediatric brain magnetic resonance imaging. Journal of Neuroradiology, 2019, 46, 130-135.	0.6	5
12	Radiomic biomarkers informative of cancerous transformation in neurofibromatosis-1 plexiform tumors. Journal of Neuroradiology, 2019, 46, 179-185.	0.6	9
13	SyMRI detects delayed myelination in preterm neonates. European Radiology, 2019, 29, 7063-7072.	2.3	21
14	Aberrant myelination in patients with Sturge-Weber syndrome analyzed using synthetic quantitative magnetic resonance imaging. Neuroradiology, 2019, 61, 1055-1066.	1.1	17
15	Three-dimensional high-resolution simultaneous quantitative mapping of the whole brain with 3D-QALAS: An accuracy and repeatability study. Magnetic Resonance Imaging, 2019, 63, 235-243.	1.0	46
17	T2 Mapping without Additional Scan Time Using Synthetic Knee MRI. Radiology, 2019, 293, 631-632.	3.6	10
18	Micro/nanomachines: what is needed for them to become a real force in cancer therapy?. Nanoscale, 2019, 11, 6519-6532.	2.8	46
19	Improving the Quality of Synthetic FLAIR Images with Deep Learning Using a Conditional Generative Adversarial Network for Pixel-by-Pixel Image Translation. American Journal of Neuroradiology, 2019, 40, 224-230.	1.2	59

#	ARTICLE	IF	CITATIONS
20	Accessible magnetic resonance imaging: A review. Journal of Magnetic Resonance Imaging, 2019, 49, e65-e77.	1.9	115
21	Fast isotropic volumetric magnetic resonance imaging of the ankle: Acceleration of the three-dimensional fast spin echo sequence using compressed sensing combined with parallel imaging. European Journal of Radiology, 2019, 112, 52-58.	1.2	14
22	Synthetic T2 mapping is correlated with time from stroke onset: a future tool in wake-up stroke management?. European Radiology, 2019, 29, 7019-7026.	2.3	19
24	3D quantitative synthetic MRIâ€derived cortical thickness and subcortical brain volumes: Scanâ€"rescan repeatability and comparison with conventional T₁â€weighted images. Journal of Magnetic Resonance Imaging, 2019, 50, 1834-1842.	1.9	37
25	Hybrid FDG PET/MRI vs. FDG PET and CT in patients with suspected dementia â€" A comparison of diagnostic yield and propagated influence on clinical diagnosis and patient management. PLoS ONE, 2019, 14, e0216409.	1.1	16
27	Dataâ€driven synthetic MRI FLAIR artifact correction via deep neural network. Journal of Magnetic Resonance Imaging, 2019, 50, 1413-1423.	1.9	16
28	Review of synthetic MRI in pediatric brains: Basic principle of MR quantification, its features, clinical applications, and limitations. Journal of Neuroradiology, 2019, 46, 268-275.	0.6	39
29	Recent Advances in Pediatric Brain, Spine, and Neuromuscular Magnetic Resonance Imaging Techniques. Pediatric Neurology, 2019, 96, 7-23.	1.0	8
30	Multi-site repeatability and reproducibility of MR fingerprinting of the healthy brain at 1.5 and 3.0â€T. NeuroImage, 2019, 195, 362-372.	2.1	67
31	Estimation of Gadolinium-based Contrast Agent Concentration Using Quantitative Synthetic MRI and Its Application to Brain Metastases: A Feasibility Study. Magnetic Resonance in Medical Sciences, 2019, 18, 260-264.	1.1	9
32	CollaGAN: Collaborative GAN for Missing Image Data Imputation. , 2019, , .		88
33	Deep Learning in MR Image Processing. Investigative Magnetic Resonance Imaging, 2019, 23, 81.	0.2	36
34	The Effect of Varying Slice Thickness and Interslice Gap on T₁ and T₂ Measured with the Multidynamic Multiecho Sequence. Magnetic Resonance in Medical Sciences, 2019, 18, 126-133.	1.1	13
35	Clinical feasibility of 1-min ultrafast brain MRI compared with routine brain MRI using synthetic MRI: a single center pilot study. Journal of Neurology, 2019, 266, 431-439.	1.8	15
36	Double-inversion recovery with synthetic magnetic resonance: a pilot study for assessing synovitis of the knee joint compared to contrast-enhanced magnetic resonance imaging. European Radiology, 2019, 29, 2573-2580.	2.3	19
37	Signal Intensity within Cerebral Venous Sinuses on Synthetic MRI. Magnetic Resonance in Medical Sciences, 2020, 19, 56-63.	1.1	7
38	Initial clinical experience of synthetic MRI as a routine neuroimaging protocol in daily practice: A single-center study. Journal of Neuroradiology, 2020, 47, 151-160.	0.6	30
39	Synthetic MRI of the lumbar spine at 3.0 T: feasibility and image quality comparison with conventional MRI. Acta Radiologica, 2020, 61, 461-470.	0.5	6

#	Article	IF	Citations
40	STrategically Acquired Gradient Echo (STAGE) imaging, part III: Technical advances and clinical applications of a rapid multi-contrast multi-parametric brain imaging method. Magnetic Resonance Imaging, 2020, 65, 15-26.	1.0	46
41	Comparison between synthetic and conventional magnetic resonance imaging in patients with multiple sclerosis and controls. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 549-557.	1.1	11
42	Making Magnets More Attractive. Topics in Magnetic Resonance Imaging, 2020, 29, 167-174.	0.7	20
43	Synthetic <scp>MRI</scp>: Technologies and Applications in Neuroradiology. Journal of Magnetic Resonance Imaging, 2022, 55, 1013-1025.	1.9	40
44	The diagnostic performance of quantitative mapping in breast cancer patients: a preliminary study using synthetic MRI. Cancer Imaging, 2020, 20, 88.	1.2	27
45	Clinical Experience of 1-Minute Brain MRI Using a Multicontrast EPI Sequence in a Different Scan Environment. American Journal of Neuroradiology, 2020, 41, 424-429.	1.2	14
46	Validity of SyMRI for Assessment of the Neonatal Brain. Clinical Neuroradiology, 2021, 31, 315-323.	1.0	8
47	Fast Quantitative Magnetic Resonance Imaging. Synthesis Lectures on Biomedical Engineering, 2020, 15, i-124.	0.1	0
48	Reliability of Synthetic Brain MRI for Assessment of Ischemic Stroke with Phantom Validation of a Relaxation Time Determination Method. Journal of Clinical Medicine, 2020, 9, 1857.	1.0	6
49	Pseudoâ€CT generation from multiâ€parametric MRI using a novel multiâ€channel multiâ€path conditional generative adversarial network for nasopharyngeal carcinoma patients. Medical Physics, 2020, 47, 1750-1762.	1.6	52
50	Synthetic MRI and MR fingerprinting in routine neuroimaging protocol: What's the next step?. Journal of Neuroradiology, 2020, 47, 134-135.	0.6	6
51	A withinâ€coil optical prospective motionâ€correction system for brain imaging at 7T. Magnetic Resonance in Medicine, 2020, 84, 1661-1671.	1.9	14
52	Computational MRI With Physics-Based Constraints: Application to Multicontrast and Quantitative Imaging. IEEE Signal Processing Magazine, 2020, 37, 94-104.	4.6	9
53	Quantitative synthetic MRI for evaluation of the lumbar intervertebral disk degeneration in patients with chronic low back pain. European Journal of Radiology, 2020, 124, 108858.	1.2	16
54	Assessing the importance of magnetic resonance contrasts using collaborative generative adversarial networks. Nature Machine Intelligence, 2020, 2, 34-42.	8.3	31
55	Validation of Deep Learning-Based Artifact Correction on Synthetic FLAIR Images in a Different Scanning Environment. Journal of Clinical Medicine, 2020, 9, 364.	1.0	3
56	Diagnosis and Grading of Prostate Cancer by Relaxation Maps From Synthetic MRI. Journal of Magnetic Resonance Imaging, 2020, 52, 552-564.	1.9	49
57	Utility of synthetic MRI in predicting the Ki-67 status of oestrogen receptor-positive breast cancer: a feasibility study. Clinical Radiology, 2020, 75, 398.e1-398.e8.	0.5	25

#	ARTICLE	IF	CITATIONS
58	Synthetic MRI of Preterm Infants at Term-Equivalent Age: Evaluation of Diagnostic Image Quality and Automated Brain Volume Segmentation. American Journal of Neuroradiology, 2020, 41, 882-888.	1.2	13
59	Multimodal imaging in urea cycle-related neurological disease â€" What can imaging after hyperammonemia teach us?. Translational Science of Rare Diseases, 2020, 5, 87-95.	1.6	10
60	One-Minute Ultrafast Brain MRI With Full Basic Sequences: Can It Be a Promising Way Forward for Pediatric Neuroimaging?. American Journal of Roentgenology, 2020, 215, 198-205.	1.0	24
61	Investigation of Synthetic Relaxometry and Diffusion Measures in the Differentiation of Benign and Malignant Breast Lesions as Compared to BIâ€RADS. Journal of Magnetic Resonance Imaging, 2021, 53, 1118-1127.	1.9	27
62	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. Clinical Radiology, 2021, 76, 238.e9-238.e15.	0.5	13
63	Improved discrimination of molecular subtypes in invasive breast cancer: Comparison of multiple quantitative parameters from breast MRI. Magnetic Resonance Imaging, 2021, 77, 148-158.	1.0	20
64	Diffusionâ€PEPTIDE: Distortionâ€and blurringâ€free diffusion imaging with selfâ€navigated motionâ€correction and relaxometry capabilities. Magnetic Resonance in Medicine, 2021, 85, 2417-2433.	1.9	7
65	Enhanced Masses on Contrastâ€Enhanced Breast: Differentiation Using a Combination of Dynamic Contrastâ€Enhanced <scp>MRI</scp> and Quantitative Evaluation with Synthetic <scp>MRI</scp>. Journal of Magnetic Resonance Imaging, 2021, 53, 381-391.	1.9	20
66	A Review of Translational Magnetic Resonance Imaging in Human and Rodent Experimental Models of Small Vessel Disease. Translational Stroke Research, 2021, 12, 15-30.	2.3	18
67	Impact of Prematurity on the Tissue Properties of the Neonatal Brain Stem: A Quantitative MR Approach. American Journal of Neuroradiology, 2021, 42, 581-589.	1.2	5
68	Diffusion MR Imaging with T2-based Water Suppression (T2wsup-dMRI). Magnetic Resonance in Medical Sciences, 2021, , .	1.1	0
69	Application of T1 Map Information Based on Synthetic MRI for Dynamic Contrast-Enhanced Imaging: A Comparison Study with the Fixed Baseline T1 Value Method. Korean Journal of Radiology, 2021, 22, 1352.	1.5	0
70	Quad-Contrast Imaging: Simultaneous Acquisition of Four Contrast-Weighted Images (PD-Weighted,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Transactions on Medical Imaging, 2021, 40, 3617-3626.	5.4	5
71	T2 relaxation time shortening in the cochlea of patients with sudden sensory neuronal hearing loss: a retrospective study using quantitative synthetic magnetic resonance imaging. European Radiology, 2021, 31, 6438-6445.	2.3	1
72	A multiâ€inversion multiâ€echo spin and gradient echo echo planar imaging sequence with low image distortion for rapid quantitative parameter mapping and synthetic image contrasts. Magnetic Resonance in Medicine, 2021, 86, 866-880.	1.9	11
73	Magnetic resonance imaging of the pediatric mediastinum: updates, tips and tricks. Pediatric Radiology, 2022, 52, 323-333.	1.1	2
74	Quantitative Analysis of Synthetic Magnetic Resonance Imaging in Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2021, 13, 638731.	1.7	12
75	Silent zero TE MR neuroimaging: Current state-of-the-art and future directions. Progress in Nuclear Magnetic Resonance Spectroscopy, 2021, 123, 73-93.	3.9	23

#	Article	IF	Citations
76	Deep Generative Adversarial Networks: Applications in Musculoskeletal Imaging. Radiology: Artificial Intelligence, 2021, 3, e200157.	3.0	16
77	Preoperative volumetric synthetic magnetic resonance imaging of the primary tumor for a more accurate prediction of lymph node metastasis in rectal cancer. Quantitative Imaging in Medicine and Surgery, 2021, 11, 1805-1816.	1.1	10
78	3D MRI of the Spine. Seminars in Musculoskeletal Radiology, 2021, 25, 433-440.	0.4	7
79	Synthetic MRI in Neurofibromatosis Type 1. American Journal of Neuroradiology, 2021, 42, 1709-1715.	1.2	2
80	A preliminary study of synthetic magnetic resonance imaging in rectal cancer: imaging quality and preoperative assessment. Insights Into Imaging, 2021, 12, 120.	1.6	13
81	MULTIâ€parametric MR imaging with fLEXible design (MULTIPLEX). Magnetic Resonance in Medicine, 2022, 87, 658-673.	1.9	4
82	How tissue T1-variability influences DCE-MRI perfusion parameters estimation of recurrent high-grade glioma after surgery followed by radiochemotherapy. Acta Radiologica, 2021, , 028418512110359.	0.5	1
83	Challenges in ensuring the generalizability of image quantitation methods for MRI. Medical Physics, 2022, 49, 2820-2835.	1.6	16
84	Mapping Human Fetal Brain Maturation In Vivo Using Quantitative MRI. American Journal of Neuroradiology, 2021, 42, 2086-2093.	1.2	5
85	Feasibility of Simulated Postcontrast MRI of Glioblastomas and Lower-Grade Gliomas by Using Three-dimensional Fully Convolutional Neural Networks. Radiology: Artificial Intelligence, 2021, 3, e200276.	3.0	15
86	Current Perspectives of Artificial Intelligence in Pediatric Neuroradiology: An Overview. Frontiers in Radiology, 2021, 1, .	1.2	5
87	A deep learning approach for synthetic MRI based on two routine sequences and training with synthetic data. Computer Methods and Programs in Biomedicine, 2021, 210, 106371.	2.6	20
88	Synthetic MRI in subarachnoid haemorrhage. Clinical Radiology, 2021, 76, 785.e17-785.e23.	0.5	1
89	Accuracy and repeatability of QRAPMASTER and MRF-vFA. Magnetic Resonance Imaging, 2021, 83, 196-207.	1.0	6
90	Synthetic T2-weighted images of the lumbar spine derived from an accelerated T2 mapping sequence: Comparison to conventional T2w turbo spin echo. Magnetic Resonance Imaging, 2021, 84, 92-100.	1.0	3
91	3D Quantitative Synthetic MRI in the Evaluation of Multiple Sclerosis Lesions. American Journal of Neuroradiology, 2021, 42, 471-478.	1.2	16
92	Accelerated MRI Reconstruction with Dual-Domain Generative Adversarial Network. Lecture Notes in Computer Science, 2019, , 47-57.	1.0	5
93	Synthesize High-Quality Multi-Contrast Magnetic Resonance Imaging From Multi-Echo Acquisition Using Multi-Task Deep Generative Model. IEEE Transactions on Medical Imaging, 2020, 39, 3089-3099.	5.4	31

#	ARTICLE	IF	CITATIONS
94	Contemporary and emerging magnetic resonance imaging methods for evaluation of moyamoya disease. Neurosurgical Focus, 2019, 47, E6.	1.0	22
95	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
96	Quantitative Evaluation of Synthetic MR in Relaxation Time Measurement: A Phantom Study. Journal of the Korean Society of MR Technology, 2017, 27, 13-24.	0.2	0
98	Task-GAN: Improving Generative Adversarial Network for Image Reconstruction. Lecture Notes in Computer Science, 2019, , 193-204.	1.0	2
99	Three‐dimensional simultaneous brain mapping of T1,ÂT2, and magnetic susceptibility with MR Multitasking. Magnetic Resonance in Medicine, 2022, 87, 1375-1389.	1.9	15
100	Editorial for â€œInvestigation of synthetic relaxometry and diffusion measures in the differentiation of benign and malignant breast lesions as compared to <scp>BIâ€RADS</scp>â€. Journal of Magnetic Resonance Imaging, 2021, 53, 1128-1129.	1.9	2
101	Accelerated Isotropic Multiparametric Imaging by High Spatial Resolution 3D-QALAS With Compressed Sensing. Investigative Radiology, 2021, 56, 292-300.	3.5	23
102	Synthetic MRI with T_2-based Water Suppression to Reduce Hyperintense Artifacts due to CSFâ€"Partial Volume Effects in the Brain. Magnetic Resonance in Medical Sciences, 2020, 20, 325-337.	1.1	1
103	Investigated diagnostic value of synthetic relaxometry, three-dimensional pseudo-continuous arterial spin labelling and diffusion-weighted imaging in the grading of glioma. Magnetic Resonance Imaging, 2022, 86, 20-27.	1.0	7
104	Pediatric PET/MRI Neuroimaging: Overview. , 2022, , 737-740.		0
105	Temperature dependence, accuracy, and repeatability of T 1 and T 2 relaxation times for the ISMRM/NIST system phantom measured using MR fingerprinting. Magnetic Resonance in Medicine, 2021, 87, 1446.	1.9	5
106	A pilot study of the association between leukoaraiosis and cerebral atherosclerosis using synthetic magnetic resonance imaging. Acta Radiologica, 2022, 63, 1546-1553.	0.5	1
107	Comprehensive Modeling of Neonatal Brain Image Generation for Disorder Development Onset Prediction Based on Generative Adversarial Networks. , 2022, , 269-273.		1
108	Generation of quantification maps and weighted images from synthetic magnetic resonance imaging using deep learning network. Physics in Medicine and Biology, 2022, 67, 025002.	1.6	4
109	When â€œDeep Fakingâ€ Results Means â€œImproving Diagnosisâ€. Radiology, 2022, , 212939.	3.6	0
110	Synthetic FLAIR as a Substitute for FLAIR Sequence in Acute Ischemic Stroke. Radiology, 2022, 303, 153-159.	3.6	13
111	Synthetic MRI with quantitative mappings for identifying receptor status, proliferation rate, and molecular subtypes of breast cancer. European Journal of Radiology, 2022, 148, 110168.	1.2	14
112	Rapid quantification of global brain volumetry and relaxometry in patients with multiple sclerosis using synthetic magnetic resonance imaging. Quantitative Imaging in Medicine and Surgery, 2022, 12, 3104-3114.	1.1	1

#	ARTICLE	IF	CITATIONS
113	Accelerating susceptibility-weighted imaging with deep learning by complex-valued convolutional neural network (ComplexNet): validation in clinical brain imaging. European Radiology, 2022, 32, 5679-5687.	2.3	6
114	Quantitative relaxation maps from synthetic MRI for prostate cancer. Acta Radiologica, 2022, , 028418512210774.	0.5	0
115	Contrast-enhanced double inversion recovery sequence for patients with multiple sclerosis: feasibility of subtraction images between pre- and post-contrast images. Acta Radiologica, 2022, , 028418512210808.	0.5	0
116	Contrast-free MRI quantitative parameters for early prediction of pathological response to neoadjuvant chemotherapy in breast cancer. European Radiology, 2022, 32, 5759-5772.	2.3	14
117	Different from the Beginning: WM Maturity of Female and Male Extremely Preterm Neonatesâ€"A Quantitative MRI Study. American Journal of Neuroradiology, 2022, 43, 611-619.	1.2	7
118	Implementation of the QRAPMASTER data analysis using dictionary matching and quantitative evaluation of the magnetization transfer effect. Magnetic Resonance Imaging, 2022, 90, 26-36.	1.0	0
119	NeuroMixâ€"A singleâ€‘scan brain exam. Magnetic Resonance in Medicine, 2022, 87, 2178-2193.	1.9	6
120	PET/MRI in Pediatric Neuroimaging: Primer for Clinical Practice. American Journal of Neuroradiology, 2022, 43, 938-943.	1.2	2
121	Synthetic MR: Physical principles, clinical implementation, and new developments. Medical Physics, 2022, , .	1.6	6
122	The effect of scan parameters on T1, T2 relaxation times measured with multi-dynamic multi-echo sequence: a phantom study. Physical and Engineering Sciences in Medicine, 2022, , 1.	1.3	3
123	Assessment of 2D conventional and synthetic MRI in multiple sclerosis. Neuroradiology, 2022, , .	1.1	2
124	Quantitative Synthetic Magnetic Resonance Imaging for Brain Metastases: A Feasibility Study. Cancers, 2022, 14, 2651.	1.7	3
125	The Preoperative Diagnostic Performance of Multi-Parametric Quantitative Assessment in Rectal Carcinoma: A Preliminary Study Using Synthetic Magnetic Resonance Imaging. Frontiers in Oncology, 2022, 12, .	1.3	0
126	Synthetic MRI for stroke: a qualitative and quantitative pilot study. Scientific Reports, 2022, 12, .	1.6	3
127	A relaxometry method that emphasizes practicality and availability. Magnetic Resonance in Medicine, 0, , .	1.9	2
128	Qualitative and Quantitative Performance of Magnetic Resonance Image Compilation (MAGiC) Method: An Exploratory Analysis for Head and Neck Imaging. Cancers, 2022, 14, 3624.	1.7	4
129	Improving Image Quality and Reducing Scan Time for Synthetic MRI of Breast by Using Deep Learning Reconstruction. BioMed Research International, 2022, 2022, 1-9.	0.9	1
130	Contrast Encoding. Synthesis Lectures on Biomedical Engineering, 2020, , 41-76.	0.1	0

#	ARTICLE	IF	CITATIONS
131	Synthetic MRI with Magnetic Resonance Spin TomogrAphy in Timeâ€Domain (MRâ€STAT): Results from a Prospective Crossâ€Sectional Clinical Trial. Journal of Magnetic Resonance Imaging, 2023, 57, 1451-1461.	1.9	9
132	Synthetic MRI in the detection and quantitative evaluation of sacroiliac joint lesions in axial spondyloarthritis. Frontiers in Immunology, 0, 13, .	2.2	2
134	Accelerated Synthetic MRI with Deep Learningâ€"Based Reconstruction for Pediatric Neuroimaging. American Journal of Neuroradiology, 0, , .	1.2	0
135	Synthesis of T2-weighted images from proton density images using a generative adversarial network in a temporomandibular joint magnetic resonance imaging protocol. Imaging Science in Dentistry, 2022, 52, 393.	0.6	5
136	Characterization of meningiomas with synthetic imaging. Brain and Behavior, 2022, 12, .	1.0	1
137	Clinical prediction of magnetic resonance image compilation in patients with mild cognitive impairment. International Journal of Developmental Neuroscience, 0, , .	0.7	0
138	Synthetic double inversion recovery imaging in brain MRI: quantitative evaluation and feasibility of synthetic MRI and a comparison with conventional double inversion recovery and fluid-attenuated inversion recovery sequences. BMC Medical Imaging, 2022, 22, .	1.4	0
139	Pediatric magnetic resonance imaging: faster is better. Pediatric Radiology, 2023, 53, 1270-1284.	1.1	7
140	Editorial for â€œSynthetic <scp>MRI</scp> With <scp>MRâ€STAT</scp>: Results From a Clinical Trialâ€. Journal of Magnetic Resonance Imaging, 2023, 57, 1462-1463.	1.9	0
141	Learning a Prototype Discriminator With RBF for Multimodal Image Synthesis. IEEE Transactions on Image Processing, 2022, 31, 6664-6678.	6.0	4
142	Application of synthetic magnetic resonance imaging and DWI for evaluation of prognostic factors in cervical carcinoma: a prospective preliminary study. British Journal of Radiology, 2023, 96, .	1.0	2
144	Synthetic MR Imagingâ€"Based WM Signal Suppression Identifies Neonatal Brainstem Pathways in Vivo. American Journal of Neuroradiology, 0, , .	1.2	0
145	Tissue Characteristics of Endometrial Carcinoma Analyzed by Quantitative Synthetic MRI and Diffusion-Weighted Imaging. Diagnostics, 2022, 12, 2956.	1.3	0
146	<scp>Deepâ€Learning</scp>â€Based Contrast Synthesis From <scp>MRF</scp> Parameter Maps in the Knee Joint. Journal of Magnetic Resonance Imaging, 2023, 58, 559-568.	1.9	3
147	Editorial for â€œ<scp>Deepâ€Learning</scp>â€Based Contrast Synthesis From <scp>MRF</scp> Parameter Maps in the Knee Jointâ€. Journal of Magnetic Resonance Imaging, 2023, 58, 569-570.	1.9	0
148	Structural and functional imaging of brains. Science China Chemistry, 0, , .	4.2	13
149	Predicting Hypoperfusion Lesion and Target Mismatch in Stroke from Diffusion-weighted MRI Using Deep Learning. Radiology, 2023, 307, .	3.6	10
150	MRI of acute neck infections: evidence summary and pictorial review. Insights Into Imaging, 2023, 14, .	1.6	7

#	Article	IF	Citations
151	Image quality using synthetic brain MRI: an age-stratified study. Acta Radiologica, 0, , 028418512311520.	0.5	0
152	Reliability of spinal cord measures based on synthetic T1-weighted MRI derived from multiparametric mapping (MPM). NeuroImage, 2023, 271, 120046.	2.1	2
153	Tailored magnetic resonance fingerprinting. Magnetic Resonance Imaging, 2023, 99, 81-90.	1.0	0
154	Synthetic MRI, multiplexed sensitivity encoding, and BI-RADS for benign and malignant breast cancer discrimination. Frontiers in Oncology, 0, 12, .	1.3	0
155	Current state of pediatric neuro-oncology imaging, challenges and future directions. Neoplasia, 2023, 37, 100886.	2.3	1
156	Advanced <scp>MR</scp> Techniques for Preoperative Glioma Characterization: Part 1. Journal of Magnetic Resonance Imaging, 2023, 57, 1655-1675.	1.9	18