Aaryani Tipirneni

List of Publications by Year
in descending order

24 papers	1,273 citations	1040056 9 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	2015 citing authors

#	Article	IF	Citations
1	Hepatic Iron Quantification Using a <scp>Freeâ€Breathing 3D</scp> Radial Gradient Echo Technique and Validation With a <scp>2D</scp> Biopsyâ€Calibrated <scp>R₂</scp>[*] Relaxometry Method. Journal of Magnetic Resonance Imaging, 2022, 55, 1407-1416.	3.4	6
2	Early Time-Restricted Feeding Amends Circadian Clock Function and Improves Metabolic Health in Male and Female Nile Grass Rats. Medicines (Basel, Switzerland), 2022, 9, 15.	1.4	4
3	Multi-Tissue Time-Domain NMR Metabolomics Investigation of Time-Restricted Feeding in Male and Female Nile Grass Rats. Metabolites, 2022, 12, 657.	2.9	1
4	CRAFT for NMR lipidomics: Targeting lipid metabolism in leucineâ€supplemented tumorâ€bearing mice. Magnetic Resonance in Chemistry, 2021, 59, 138-146.	1.9	5
5	Morphological characterization of hepatic steatosis and Monte Carlo modeling of MRI signal for accurate quantification of fat fraction and relaxivity. NMR in Biomedicine, 2021, 34, e4489.	2.8	3
6	Quantitative Susceptibility Mapping Using a Multispectral Autoregressive Moving Average Model to Assess Hepatic Iron Overload. Journal of Magnetic Resonance Imaging, 2021, 54, 721-727.	3.4	5
7	GSTM1 and Liver Iron Content in Children with Sickle Cell Anemia and Iron Overload. Journal of Clinical Medicine, 2019, 8, 1878.	2.4	4
8	Autoregressive moving average modeling for hepatic iron quantification in the presence of fat. Journal of Magnetic Resonance Imaging, 2019, 50, 1620-1632.	3.4	9
9	Ultrashort echo time imaging for quantification of hepatic iron overload: Comparison of acquisition and fitting methods via simulations, phantoms, and in vivo data. Journal of Magnetic Resonance Imaging, 2019, 49, 1475-1488.	3.4	6
10	Automated vessel exclusion technique for quantitative assessment of hepatic iron overload by â€MRI. Journal of Magnetic Resonance Imaging, 2018, 47, 1542-1551.	3.4	5
11	Prediction of final infarct volume on subacute MRI by quantifying cerebral edema in ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3077-3084.	4.3	16
12	Quantitative ultrashort echo time imaging for assessment of massive iron overload at 1.5 and 3 Tesla. Magnetic Resonance in Medicine, 2017, 78, 1839-1851.	3.0	50
13	Radial Ultrashort TE Imaging Removes the Need for Breath-Holding in Hepatic Iron Overload Quantification by R2* MRI. American Journal of Roentgenology, 2017, 209, 187-194.	2.2	12
14	Measurement of glomerular filtration rate by dynamic contrast-enhanced magnetic resonance imaging using a subject-specific two-compartment model. Physiological Reports, 2016, 4, e12755.	1.7	9
15	The Growth Rate of Early DWI Lesions is Highly Variable and Associated with Penumbral Salvage and Clinical Outcomes following Endovascular Reperfusion. International Journal of Stroke, 2015, 10, 723-729.	5.9	140
16	Early Diffusion-Weighted Imaging Reversal After Endovascular Reperfusion Is Typically Transient in Patients Imaged 3 to 6 Hours After Onset. Stroke, 2014, 45, 1024-1028.	2.0	84
17	Early Diffusion-Weighted Imaging and Perfusion-Weighted Imaging Lesion Volumes Forecast Final Infarct Size in DEFUSE 2. Stroke, 2013, 44, 681-685.	2.0	106
18	Clinical Outcomes Strongly Associated With the Degree of Reperfusion Achieved in Target Mismatch Patients. Stroke, 2013, 44, 1885-1890.	2.0	38

#	Article	IF	Citations
19	MRI profile and response to endovascular reperfusion after stroke (DEFUSE 2): a prospective cohort study. Lancet Neurology, The, 2012, 11, 860-867.	10.2	718
20	Abstract 52: Results of DEFUSE 2: Imaging Endpoints. Stroke, 2012, 43, .	2.0	5
21	Abstract 135: Correlation of TICI Reperfusion with MR Reperfusion, Infarct Growth and Clinical Outcome in the DEFUSE 2 Trial. Stroke, 2012, 43, .	2.0	0
22	Abstract 53: The Malignant MRI profile: Implications for Endovascular Therapy. Stroke, 2012, 43, .	2.0	0
23	Abstract 73: Results of DEFUSE 2: Clinical Endpoints. Stroke, 2012, 43, .	2.0	4
24	Evaluation of respiratory liver and kidney movements for MRI navigator gating. Journal of Magnetic Resonance Imaging, 2011, 33, 143-148.	3.4	43