

Alessandro M Scotti

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

147
citations

1478505

6
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Creatine CEST MRI for Differentiating Gliomas with Different Degrees of Aggressiveness. <i>Molecular Imaging and Biology</i> , 2017, 19, 225-232.	2.6	45
2	Imaging short-lived reactive oxygen species (ROS) with endogenous contrast MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 222-229.	3.4	23
3	Mapping brown adipose tissue based on fat water fraction provided by Z-spectral imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1527-1533.	3.4	16
4	In vivo quantification of proton exchange rate in healthy human brains with omega plot. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1686-1696.	2.0	15
5	Improving the detection specificity of endogenous MRI for reactive oxygen species (ROS). <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 583-591.	3.4	12
6	Characterization of brown adipose tissue (BAT) in polycystic ovary syndrome (PCOS) patients by Z-Spectral Imaging (ZSI). <i>European Journal of Radiology</i> , 2020, 123, 108777.	2.6	11
7	Diffusion kurtosis imaging provides quantitative assessment of the microstructure changes of disc degeneration: an in vivo experimental study. <i>European Spine Journal</i> , 2019, 28, 1005-1013.	2.2	5
8	Combination of natural killer cell-based immunotherapy and irreversible electroporation for the treatment of hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2021, 9, 1089-1089.	1.7	5
9	Characterization of the microstructure of the intervertebral disc in patients with chronic low back pain by diffusion kurtosis imaging. <i>European Spine Journal</i> , 2019, 28, 2517-2525.	2.2	4
10	Influence of Free Radicals on the Intrinsic MRI Relaxation Properties. <i>Advances in Experimental Medicine and Biology</i> , 2017, 977, 73-79.	1.6	3
11	Non-invasive Imaging Methods for Brown Adipose Tissue Detection and Function Evaluation. <i>Internal Medicine: Open Access</i> , 2018, 08, .	0.0	3
12	Early detection of increased marrow adiposity with age in rats using Z-spectral MRI at ultra-high field (7T). <i>NMR in Biomedicine</i> , 2022, 35, e4633.	2.8	2
13	Multimodal apparent diffusion (MAD) weighted magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2021, 77, 213-233.	1.8	1
14	Phase-independent thermometry by Z-spectrum MR imaging. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1731-1741.	3.0	1
15	Gradient-echo-based sub-millisecond periodic event encoded dynamic imaging with random (k, t)-space undersampling: k-SPEEDI. <i>Magnetic Resonance in Medicine</i> , 0, , .	3.0	1
16	Characterization of microenvironmental changes in the intervertebral discs of patients with chronic low back pain using multiparametric MRI contrasts extracted from Z-spectrum. <i>European Spine Journal</i> , 2021, 30, 1063-1071.	2.2	0
17	Combination of NK-based immunotherapy and sorafenib against hepatocellular carcinoma. <i>American Journal of Cancer Research</i> , 2021, 11, 337-349.	1.4	0