

# 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  | Early detection of increased marrow adiposity with age in rats using <i>Z</i> -spectral MRI at ultra-high field (7T). <i>NMR in Biomedicine</i> , 2022, 35, e4633.                                                                            | 2.8 | 2         |
| 2  | Phase-independent thermometry by <i>Z</i> -spectrum MR imaging. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1731-1741.                                                                                                                  | 3.0 | 1         |
| 3  | Multimodal apparent diffusion (MAD) weighted magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2021, 77, 213-233.                                                                                                               | 1.8 | 1         |
| 4  | Characterization of microenvironmental changes in the intervertebral discs of patients with chronic low back pain using multiparametric MRI contrasts extracted from <i>Z</i> -spectrum. <i>European Spine Journal</i> , 2021, 30, 1063-1071. | 2.2 | 0         |
| 5  | 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         |
| 6  | Combination of NK-based immunotherapy and sorafenib against hepatocellular carcinoma. <i>American Journal of Cancer Research</i> , 2021, 11, 337-349.                                                                                         | 1.4 | 0         |
| 7  | Characterization of brown adipose tissue (BAT) in polycystic ovary syndrome (PCOS) patients by <i>Z</i> -Spectral Imaging (ZSI). <i>European Journal of Radiology</i> , 2020, 123, 108777.                                                    | 2.6 | 11        |
| 8  | 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         |
| 9  | 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         |
| 10 | 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        |
| 11 | 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        |
| 12 | 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        |
| 13 | Mapping brown adipose tissue based on fat water fraction provided by <i>Z</i> -spectral imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1527-1533.                                                                          | 3.4 | 16        |
| 14 | Non-invasive Imaging Methods for Brown Adipose Tissue Detection and Function Evaluation. <i>Internal Medicine: Open Access</i> , 2018, 08, .                                                                                                  | 0.0 | 3         |
| 15 | 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         |
| 16 | Creatine CEST MRI for Differentiating Gliomas with Different Degrees of Aggressiveness. <i>Molecular Imaging and Biology</i> , 2017, 19, 225-232.                                                                                             | 2.6 | 45        |
| 17 | <i>Gradient-echo-train</i> -based sub-millisecond periodic event encoded dynamic imaging with random ( <i>k</i> , <i>t</i> )-space undersampling: <i>k</i> -SPEEDI. <i>Magnetic Resonance in Medicine</i> , 0, , .                            | 3.0 | 1         |