

# Tales Santini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9352189/publications.pdf>

Version: 2024-02-01

20  
papers

209  
citations

1039406

9  
h-index

1125271

13  
g-index

23  
all docs

23  
docs citations

23  
times ranked

264  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                     | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | A comprehensive electromagnetic evaluation of an MRI anthropomorphic head phantom. NMR in Biomedicine, 2021, 34, e4441.                                                                                                     | 1.6 | 1         |
| 2  | Analysis of hippocampal subfields in sickle cell disease using ultrahigh field MRI. NeuroImage: Clinical, 2021, 30, 102655.                                                                                                 | 1.4 | 7         |
| 3  | Improved 7T transmit field homogeneity with reduced electromagnetic power deposition using coupled Tic Tac Toe antennas. Scientific Reports, 2021, 11, 3370.                                                                | 1.6 | 7         |
| 4  | Applying Deep Learning to Accelerated Clinical Brain Magnetic Resonance Imaging for Multiple Sclerosis. Frontiers in Neurology, 2021, 12, 685276.                                                                           | 1.1 | 9         |
| 5  | Cortical Thinning and White Matter Loss in Sickle Cell Anemia Despite Chronic Exchange Transfusion Therapy. Blood, 2021, 138, 4169-4169.                                                                                    | 0.6 | 0         |
| 6  | Characterization of Resting State Default Mode Network in Individuals with HbSS and HbSC, and Healthy Controls Using 7-Tesla Human MRI. Blood, 2021, 138, 126-126.                                                          | 0.6 | 0         |
| 7  | White Matter Integrity Underlying Depressive Symptoms in Dementia Caregivers. American Journal of Geriatric Psychiatry, 2020, 28, 578-582.                                                                                  | 0.6 | 2         |
| 8  | Computational and experimental evaluation of the Tic-Tac-Toe RF coil for 7 Tesla MRI. PLoS ONE, 2019, 14, e0209663.                                                                                                         | 1.1 | 18        |
| 9  | Neuroimaging of Small Vessel Disease in Late-Life Depression. Advances in Experimental Medicine and Biology, 2019, 1192, 95-115.                                                                                            | 0.8 | 5         |
| 10 | Development and clinical validation of a non-invasive, beat-to-beat blood pressure monitoring device, compared to invasive blood pressure monitoring during coronary angiography. Einstein (Sao Paulo), 2019, 14, e0209663. | 0.8 | 5         |
| 11 | Association of Hippocampal Substructure Resting-State Functional Connectivity with Memory Performance in Older Adults. American Journal of Geriatric Psychiatry, 2018, 26, 690-699.                                         | 0.6 | 15        |
| 12 | A new RF transmit coil for foot and ankle imaging at 7T MRI. Magnetic Resonance Imaging, 2018, 45, 1-6.                                                                                                                     | 1.0 | 7         |
| 13 | In-vivo and numerical analysis of the eigenmodes produced by a multi-level Tic-Tac-Toe head transmit array for 7 Tesla MRI. PLoS ONE, 2018, 13, e0206127.                                                                   | 1.1 | 14        |
| 14 | Development of a 7T RF coil system for breast imaging. NMR in Biomedicine, 2017, 30, e3664.                                                                                                                                 | 1.6 | 16        |
| 15 | Ultra-high field upper extremity peripheral nerve and non-contrast enhanced vascular imaging. PLoS ONE, 2017, 12, e0175629.                                                                                                 | 1.1 | 18        |
| 16 | Design and fabrication of a realistic anthropomorphic heterogeneous head phantom for MR purposes. PLoS ONE, 2017, 12, e0183168.                                                                                             | 1.1 | 29        |
| 17 | Ultra-high field RF coil development for evaluating upper extremity imaging applications. NMR in Biomedicine, 2016, 29, 1768-1779.                                                                                          | 1.6 | 10        |
| 18 | Load-insensitive active quasi-circulator for continuous-wave Doppler ultrasound applications. Electronics Letters, 2016, 52, 1823-1824.                                                                                     | 0.5 | 1         |

| #  | ARTICLE                                                                                                                                                                             | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Experimental and numerical analysis of B <sub>1</sub> + field and SAR with a new transmit array design for 7 T breast MRI. <i>Journal of Magnetic Resonance</i> , 2016, 269, 55-64. | 1.2 | 19        |
| 20 | Comparison of human and electronic observation for the measurement of compliance with hand hygiene. <i>American Journal of Infection Control</i> , 2014, 42, 1188-1192.             | 1.1 | 27        |