

# Lawrence P Panych

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

805  
citations

840776

11  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

979  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Relative Magnetic Force Measures and Their Potential Role in MRI Safety Practice. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1260-1271.  | 3.4 | 3         |
| 2  | Improved spatial localization in magnetic resonance spectroscopic imaging with two-dimensional PSF-Choice encoding. <i>Journal of Magnetic Resonance</i> , 2018, 290, 18-28.                       | 2.1 | 3         |
| 3  | The physics of MRI safety. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 28-43.   | 3.4 | 115       |
| 4  | Dual-pathway sequences for MR thermometry: When and where to use them. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1193-1200.  | 3.0 | 5         |
| 5  | Hybrid MRI-Ultrasound acquisitions, and scannerless real-time imaging. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 897-908.  | 3.0 | 15        |
| 6  | On replacing the manual measurement of ACR phantom images performed by MRI technologists with an automated measurement approach. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 843-852. | 3.4 | 11        |
| 7  | Segmented diffusion-weighted imaging of the prostate: Application to transperineal in-bore 3T MR image-guided targeted biopsy. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1146-1154.            | 1.8 | 9         |
| 8  | Dual-pathway multi-echo sequence for simultaneous frequency and T2 mapping. <i>Journal of Magnetic Resonance</i> , 2016, 265, 177-187.   | 2.1 | 17        |
| 9  | Spatially regularized machine learning for task and resting-state fMRI. <i>Journal of Neuroscience Methods</i> , 2016, 257, 214-228.   | 2.5 | 1         |
| 10 | Data-Driven and Predefined ROI-Based Quantification of Long-Term Resting-State fMRI Reproducibility. <i>Brain Connectivity</i> , 2016, 6, 136-151.   | 1.7 | 19        |
| 11 | Accurate field mapping in the presence of $B_0$ inhomogeneities, applied to MR thermometry. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2142-2151.   | 3.0 | 9         |
| 12 | Prostate cancer discrimination in the peripheral zone with a reduced field-of-view T2-mapping MRI sequence. <i>Magnetic Resonance Imaging</i> , 2015, 33, 525-530.                                 | 1.8 | 42        |
| 13 | Hybrid Ultrasound and MRI Acquisitions for High-Speed Imaging of Respiratory Organ Motion. <i>Lecture Notes in Computer Science</i> , 2015, 9349, 315-322.   | 1.3 | 6         |
| 14 | A study of long-term MRI reproducibility using data-driven analysis methods. <i>International Journal of Imaging Systems and Technology</i> , 2014, 24, 339-349.                                   | 4.1 | 4         |
| 15 | Investigation of the PSF-choice method for reduced lipid contamination in prostate MR spectroscopic imaging. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1376-1382.                          | 3.0 | 5         |
| 16 | PSF-choice: A novel MRI method for shaping point-spread functions in phase-encoding dimensions. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 159-168.   | 3.0 | 5         |
| 17 | Dynamic imaging with multiple resolutions along phase-encode and slice-select dimensions. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 940-947.   | 3.0 | 10        |
| 18 | Echo planar spectroscopic imaging. <i>Concepts in Magnetic Resonance</i> , 2001, 13, 213-237.  | 1.3 | 44        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Sensitivity profiles from an array of coils for encoding and reconstruction in parallel (SPACE RIP). Magnetic Resonance in Medicine, 2000, 44, 301-308.  | 3.0 | 238       |
| 20 | Functional magnetic resonance imaging using non-Fourier, spatially selective radiofrequency encoding. Magnetic Resonance in Medicine, 1999, 41, 759-766. | 3.0 | 7         |
| 21 | Rapid tip tracking with MRI by a limited projection reconstruction technique. Journal of Magnetic Resonance Imaging, 1998, 8, 262-264.                   | 3.4 | 26        |
| 22 | Non-fourier encoding with multiple spin echoes. Magnetic Resonance in Medicine, 1997, 38, 964-973.   | 3.0 | 18        |
| 23 | Comparing the FAISE method with conventional dual-echo sequences. Journal of Magnetic Resonance Imaging, 1991, 1, 319-326.                               | 3.4 | 193       |