

# Wybe J M Van Der Kemp

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7718626/publications.pdf>

Version: 2024-02-01

21  
papers

334  
citations

840776

11  
h-index

839539

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

487  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Feasibility of <sup>31</sup> P spectroscopic imaging at 7 T in lung carcinoma patients. NMR in Biomedicine, 2021, 34, e4204.  | 2.8 | 10        |
| 2  | Comparison of 2-Hydroxyglutarate Detection With sLASER and MEGA-sLASER at 7T. Frontiers in Neurology, 2021, 12, 718423.   | 2.4 | 9         |
| 3  | Inherently decoupled <sup>1</sup> H antennas and <sup>31</sup> P loops for metabolic imaging of liver metastasis at 7 T. NMR in Biomedicine, 2020, 33, e4221.   | 2.8 | 7         |
| 4  | SNR optimized <sup>31</sup> P functional MRS to detect mitochondrial and extracellular pH change during visual stimulation. NMR in Biomedicine, 2019, 32, e4137.  | 2.8 | 10        |
| 5  | Analysis of chemical exchange saturation transfer contributions from brain metabolites to the Z-spectra at various field strengths and pH. Scientific Reports, 2019, 9, 1089.   | 3.3 | 40        |
| 6  | Contradiction between amide CEST signal and pH in breast cancer explained with metabolic MRI. NMR in Biomedicine, 2019, 32, e4110.  | 2.8 | 20        |
| 7  | Early detection of changes in phospholipid metabolism during neoadjuvant chemotherapy in breast cancer patients using phosphorus magnetic resonance spectroscopy at 7T. NMR in Biomedicine, 2019, 32, e4086.                  | 2.8 | 20        |
| 8  | Shortening of apparent transverse relaxation time of inorganic phosphate as a breast cancer biomarker. NMR in Biomedicine, 2019, 32, e4011.   | 2.8 | 8         |
| 9  | <sup>31</sup> P T <sub>2</sub> s of phosphomonoesters, phosphodiester, and inorganic phosphate in the human brain at 7T. Magnetic Resonance in Medicine, 2018, 80, 29-35.   | 3.0 | 14        |
| 10 | Proton and phosphorus magnetic resonance spectroscopy of the healthy human breast at 7T. NMR in Biomedicine, 2017, 30, e3684.   | 2.8 | 14        |
| 11 | Glycerophosphocholine and Glycerophosphoethanolamine Are Not the Main Sources of the In Vivo <sup>31</sup> P MRS Phosphodiester Signals from Healthy Fibroglandular Breast Tissue at 7 T. Frontiers in Oncology, 2016, 6, 29. | 2.8 | 13        |
| 12 | Proton observed phosphorus editing (POPE) for <i>in vivo</i> detection of phospholipid metabolites. NMR in Biomedicine, 2016, 29, 1222-1230.  | 2.8 | 10        |
| 13 | Saturation-transfer effects and longitudinal relaxation times of <sup>31</sup> P metabolites in fibroglandular breast tissue at 7T. Magnetic Resonance in Medicine, 2016, 76, 402-407.  | 3.0 | 3         |
| 14 | 2D AMESING multi-echo <sup>31</sup> P-MRSI of the liver at 7T allows transverse relaxation assessment and T2-weighted averaging for improved SNR. Magnetic Resonance Imaging, 2016, 34, 219-226.                              | 1.8 | 4         |
| 15 | Dynamic contrast-enhanced breast MRI at 7T and 3T: an intra-individual comparison study. SpringerPlus, 2016, 5, 13.   | 1.2 | 9         |
| 16 | Multiparametric MRI With Dynamic Contrast Enhancement, Diffusion-Weighted Imaging, and <sup>31</sup> -Phosphorus Spectroscopy at 7 T for Characterization of Breast Cancer. Investigative Radiology, 2015, 50, 766-771.       | 6.2 | 31        |
| 17 | Radiofrequency configuration to facilitate bilateral breast <sup>31</sup> P MR spectroscopic imaging and high-resolution MRI at 7 Tesla. Magnetic Resonance in Medicine, 2015, 74, 1803-1810.                                 | 3.0 | 26        |
| 18 | MRI and <sup>31</sup> P magnetic resonance spectroscopy hardware for axillary lymph node investigation at 7T. Magnetic Resonance in Medicine, 2015, 73, 2038-2046.  | 3.0 | 10        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | <sup>1</sup> H/ <sup>31</sup> P Polarization Transfer at 9.4 Tesla for Improved Specificity of Detecting Phosphomonoesters and Phosphodiester in Breast Tumor Models. PLoS ONE, 2014, 9, e102256.       | 2.5 | 14        |
| 20 | Detection of alterations in membrane metabolism during neoadjuvant chemotherapy in patients with breast cancer using phosphorus magnetic resonance spectroscopy at 7 Tesla. SpringerPlus, 2014, 3, 634. | 1.2 | 17        |
| 21 | Quantitative <sup>31</sup> P magnetic resonance spectroscopy of the human breast at 7 T. Magnetic Resonance in Medicine, 2012, 68, 339-348.   | 3.0 | 45        |