

# Emma Bluemke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/464647/publications.pdf>

Version: 2024-02-01

8  
papers

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citations

1684188  
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1588992  
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g-index

8  
all docs

8  
docs citations

8  
times ranked

159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wide-field tissue polarimetry allows efficient localized mass spectrometry imaging of biological tissues. <i>Chemical Science</i> , 2016, 7, 2162-2169.	7.4	41
2	Variations in the Abundance of Lipid Biomarker Ions in Mass Spectrometry Images Correlate to Tissue Density. <i>Analytical Chemistry</i> , 2016, 88, 12099-12107.	6.5	16
3	Rapid determination of the tumour stroma ratio in squamous cell carcinomas with desorption electrospray ionization mass spectrometry (DESI-MS): a proof-of-concept demonstration. <i>Analyst</i> , The, 2017, 142, 3250-3260.	3.5	11
4	A General Model to Calculate the Spin-Lattice Relaxation Rate ( $R_1$ ) of Blood, Accounting for Hematocrit, Oxygen Saturation, Oxygen Partial Pressure, and Magnetic Field Strength Under Hyperoxic Conditions. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1428-1439.	3.4	6
5	A simplified empirical model to estimate oxygen relaxivity at different magnetic fields. <i>NMR in Biomedicine</i> , 2022, 35, e4625.	2.8	6
6	Using Variable Flip Angle (VFA) and Modified Look-Locker Inversion Recovery (MOLLI) T1 mapping in clinical OE-MRI. <i>Magnetic Resonance Imaging</i> , 2022, 89, 92-99.	1.8	4
7	Modeling the Effect of Hyperoxia on the Spin-Lattice Relaxation Rate ( $R_1$ ) of Tissues. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1867-1885.	3.0	2
8	Determination of oxygen relaxivity in oxygen nanobubbles at 3 and 7 Tesla. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, , 1.	2.0	1