

# Geneviève Guillot

## List of Publications by Year in descending order

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8  
papers

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citations

1683354

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1588620

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#	ARTICLE	IF	CITATIONS
1	Magnetic susceptibility matching at the air-tissue interface in rat lung by using a superparamagnetic intravascular contrast agent: Influence on transverse relaxation time of hyperpolarized helium-3. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 28-33.	1.9	27
2	Aerosol deposition in the lungs of spontaneously breathing rats using Gd <sup>3+</sup> -DOTA <sup>3-</sup> -based contrast agents and ultra <sup>3-</sup> short echo time MRI at 1.5 Tesla. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 594-605.	1.9	16
3	A new paradigm for lung-conservative total liquid ventilation. <i>EBioMedicine</i> , 2020, 52, 102365.	2.7	16
4	Comparison of fast field-cycling magnetic resonance imaging methods and future perspectives. <i>Molecular Physics</i> , 2019, 117, 832-848.	0.8	15
5	DQF-MT MRI of connective tissues: application to tendon and muscle. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 203-214.	1.1	6
6	Quantitative Gd <sup>3+</sup> -DOTA <sup>3-</sup> -based aerosol deposition mapping in the lungs of asthmatic rats using 3D UTE <sup>3-</sup> -MRI. <i>NMR in Biomedicine</i> , 2018, 31, e4013.	1.6	4
7	Design of a fast field-cycling magnetic resonance imaging system, characterization and methods for relaxation dispersion measurements around 1.5 T. <i>Review of Scientific Instruments</i> , 2020, 91, 024102.	0.6	3
8	Cross <sup>3-</sup> relaxation parameters in cortical bone assessed with different MR sequences. <i>NMR in Biomedicine</i> , 2019, 32, e4098.	1.6	1