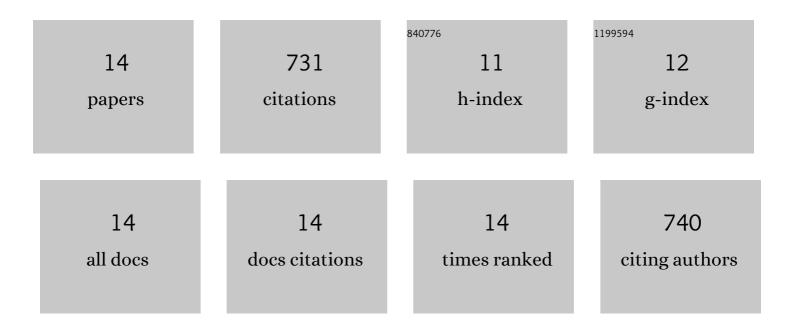
## Brandon D Armstrong

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Overhauserâ€enhanced magnetic resonance elastography. NMR in Biomedicine, 2016, 29, 607-613.	2.8	9
2	High speed 3D overhauserâ€enhanced MRI using combined b‣SFP and compressed sensing. Magnetic Resonance in Medicine, 2014, 71, 735-745.	3.0	39
3	Temperature dependence of high field 13C dynamic nuclear polarization processes with trityl radicals below 35 Kelvin. Physical Chemistry Chemical Physics, 2013, 15, 15106.	2.8	26
4	Inductively coupled NMR probe for versatile dynamic nuclear polarization operation at 7 T: Observation of 61 ± 2% 1H polarization at 4 K. Journal of Magnetic Resonance, 2012, 221, 5-10.	2.1	20
5	Site-Specific Hydration Dynamics in the Nonpolar Core of a Molten Globule by Dynamic Nuclear Polarization of Water. Journal of the American Chemical Society, 2011, 133, 5987-5995.	13.7	96
6	A 200 GHz dynamic nuclear polarization spectrometer. Physical Chemistry Chemical Physics, 2010, 12, 5920.	2.8	45
7	Overhauser dynamic nuclear polarization and molecular dynamics simulations using pyrroline and piperidine ring nitroxide radicals. Journal of Magnetic Resonance, 2009, 200, 137-141.	2.1	21
8	Overhauser Dynamic Nuclear Polarization To Study Local Water Dynamics. Journal of the American Chemical Society, 2009, 131, 4641-4647.	13.7	152
9	Portable X-band system for solution state dynamic nuclear polarization. Journal of Magnetic Resonance, 2008, 191, 273-281.	2.1	64
10	Dynamic Nuclear Polarization Enhanced Nuclear Magnetic Resonance and Electron Spin Resonance Studies of Hydration and Local Water Dynamics in Micelle and Vesicle Assemblies. Langmuir, 2008, 24, 10062-10072.	3.5	43
11	Local Hydration Dynamics in Soft Matter by Dynamic Nuclear Polarization of [sup 1]H-Water. , 2008, , .		0
12	A new model for Overhauser enhanced nuclear magnetic resonance using nitroxide radicals. Journal of Chemical Physics, 2007, 127, 104508.	3.0	121
13	Hyperpolarized water as an authentic magnetic resonance imaging contrast agent. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1754-1759.	7.1	94
14	Dynamic Nuclear Polarization-Enhanced Magnetic Resonance Analysis at X-Band Using Amplified1H Water Signal. , 0, , 161-176.		1