

# Glyn Johnson

## List of Publications by Citations

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30  
papers

840  
citations

15  
h-index

28  
g-index

34  
ext. papers

942  
ext. citations

5  
avg, IF

3.59  
L-index

#	Paper	IF	Citations
30	Prostate cancer: feasibility and preliminary experience of a diffusional kurtosis model for detection and assessment of aggressiveness of peripheral zone cancer. <i>Radiology</i> , <b>2012</b> , 264, 126-35	20.5	201
29	Measuring blood volume and vascular transfer constant from dynamic, T(2)*-weighted contrast-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , <b>2004</b> , 51, 961-8	4.4	123
28	Dynamic susceptibility contrast MR imaging: correlation of signal intensity changes with cerebral blood volume measurements. <i>Journal of Magnetic Resonance Imaging</i> , <b>2000</b> , 11, 114-9	5.6	61
27	MR renography with low-dose gadopentetate dimeglumine: feasibility. <i>Radiology</i> , <b>2001</b> , 221, 371-9	20.5	58
26	Optimal dose of Gd-DTPA in dynamic MR studies. <i>Magnetic Resonance in Medicine</i> , <b>2001</b> , 46, 312-6	4.4	45
25	GRASE improves spatial resolution in single shot imaging. <i>Magnetic Resonance in Medicine</i> , <b>1995</b> , 33, 529-33	4.4	39
24	2D multislice and 3D MRI sequences are often equally sensitive. <i>Magnetic Resonance in Medicine</i> , <b>1999</b> , 41, 824-8	4.4	38
23	Diffusional kurtosis imaging in the lung using hyperpolarized 3He. <i>Magnetic Resonance in Medicine</i> , <b>2006</b> , 56, 733-7	4.4	37
22	Sensitivity and performance time in MRI dephasing artifact reduction methods. <i>Magnetic Resonance in Medicine</i> , <b>2001</b> , 45, 470-6	4.4	28
21	A comparison of phase encoding ordering schemes in T2-weighted GRASE imaging. <i>Magnetic Resonance in Medicine</i> , <b>1996</b> , 36, 427-35	4.4	21
20	An improved model for describing the contrast bolus in perfusion MRI. <i>Medical Physics</i> , <b>2011</b> , 38, 6380-3	4.4	19
19	Increased flexibility in GRASE imaging by k space-banded phase encoding. <i>Magnetic Resonance in Medicine</i> , <b>1995</b> , 34, 149-55	4.4	18
18	Venous aneurysms: MR diagnosis with the "layered gadolinium" sign. <i>Journal of Computer Assisted Tomography</i> , <b>1997</b> , 21, 623-7	2.2	18
17	Subchondral bone in osteoarthritis: association between MRI texture analysis and histomorphometry. <i>Osteoarthritis and Cartilage</i> , <b>2017</b> , 25, 700-707	6.2	17
16	A model describing diffusion in prostate cancer. <i>Magnetic Resonance in Medicine</i> , <b>2017</b> , 78, 316-326	4.4	16
15	Minimization of errors in biexponential T2 measurements of the prostate. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 1072-7	5.6	14
14	Multiple breath-hold averaging (MBA) method for increased SNR in abdominal MRI. <i>Magnetic Resonance in Medicine</i> , <b>1995</b> , 34, 905-9	4.4	12

13	Feed and wrap for sedate and immobilise for neonatal brain MRI?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2015</b> , 100, F465-6	4.7	9
12	Real-time interactive duplex MR measurements: application in neurovascular imaging. <i>American Journal of Roentgenology</i> , <b>2001</b> , 177, 703-7	5.4	9
11	Single-shot GRASE imaging with short effective TEs. <i>Journal of Magnetic Resonance Imaging</i> , <b>1996</b> , 6, 944-7	5.6	9
10	A new 3D localization technique using quadratic field gradients. <i>Magnetic Resonance in Medicine</i> , <b>1994</b> , 32, 242-5	4.4	9
9	A monte carlo study of restricted diffusion: Implications for diffusion MRI of prostate cancer. <i>Magnetic Resonance in Medicine</i> , <b>2017</b> , 77, 1671-1677	4.4	8
8	Does Magnetic Resonance Brain Scanning at 3.0 Tesla Pose a Hyperthermic Challenge to Term Neonates?. <i>Journal of Pediatrics</i> , <b>2016</b> , 175, 228-230.e1	3.6	8
7	Parameter Estimation Error Dependency on the Acquisition Protocol in Diffusion Kurtosis Imaging. <i>Applied Magnetic Resonance</i> , <b>2016</b> , 47, 1229-1238	0.8	6
6	The Cognitive Ageing, Nutrition and Neurogenesis (CANN) trial: Design and progress. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2018</b> , 4, 591-601	6	5
5	R2 (*) gadolinium-diethylenetriaminepentaacetic acid relaxivity in venous blood. <i>Magnetic Resonance in Medicine</i> , <b>2013</b> , 69, 1104-8	4.4	3
4	An improved model for prostate diffusion incorporating the results of Monte Carlo simulations of diffusion in the cellular compartment. <i>NMR in Biomedicine</i> , <b>2017</b> , 30, e3782	4.4	3
3	Intravascular contrast agent T2* relaxivity in brain tissue. <i>NMR in Biomedicine</i> , <b>2013</b> , 26, 392-9	4.4	3
2	Bias in MRI Measurements of Apparent Diffusion Coefficient and Kurtosis: Implications for Choice of Maximum Diffusion Encoding. <i>Applied Magnetic Resonance</i> , <b>2019</b> , 50, 47-61	0.8	2
1	Pharmacokinetic modeling of multislice dynamic contrast-enhanced MRI in normal-healing radial fractures: A pilot study. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 43, 611-9	5.6	1