

Glyn Johnson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Bias in MRI Measurements of Apparent Diffusion Coefficient and Kurtosis: Implications for Choice of Maximum Diffusion Encoding. <i>Applied Magnetic Resonance</i> , 2019 , 50, 47-61	0.8	2
29	The Cognitive Ageing, Nutrition and Neurogenesis (CANN) trial: Design and progress. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018 , 4, 591-601	6	5
28	A monte carlo study of restricted diffusion: Implications for diffusion MRI of prostate cancer. <i>Magnetic Resonance in Medicine</i> , 2017 , 77, 1671-1677	4.4	8
27	Subchondral bone in osteoarthritis: association between MRI texture analysis and histomorphometry. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 700-707	6.2	17
26	An improved model for prostate diffusion incorporating the results of Monte Carlo simulations of diffusion in the cellular compartment. <i>NMR in Biomedicine</i> , 2017 , 30, e3782	4.4	3
25	A model describing diffusion in prostate cancer. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 316-326	4.4	16
24	Parameter Estimation Error Dependency on the Acquisition Protocol in Diffusion Kurtosis Imaging. <i>Applied Magnetic Resonance</i> , 2016 , 47, 1229-1238	0.8	6
23	Pharmacokinetic modeling of multislice dynamic contrast-enhanced MRI in normal-healing radial fractures: A pilot study. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 611-9	5.6	1
22	Does Magnetic Resonance Brain Scanning at 3.0 Tesla Pose a Hyperthermic Challenge to Term Neonates?. <i>Journal of Pediatrics</i> , 2016 , 175, 228-230.e1	3.6	8
21	Minimization of errors in biexponential T2 measurements of the prostate. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 1072-7	5.6	14
20	Feed and wrap or sedate and immobilise for neonatal brain MRI?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015 , 100, F465-6	4.7	9
19	R2 (*) gadolinium-diethylenetriaminepentacetic acid relaxivity in venous blood. <i>Magnetic Resonance in Medicine</i> , 2013 , 69, 1104-8	4.4	3
18	Intravascular contrast agent T2* relaxivity in brain tissue. <i>NMR in Biomedicine</i> , 2013 , 26, 392-9	4.4	3
17	Prostate cancer: feasibility and preliminary experience of a diffusional kurtosis model for detection and assessment of aggressiveness of peripheral zone cancer. <i>Radiology</i> , 2012 , 264, 126-35	20.5	201
16	An improved model for describing the contrast bolus in perfusion MRI. <i>Medical Physics</i> , 2011 , 38, 6380-3	4.4	19
15	Diffusional kurtosis imaging in the lung using hyperpolarized 3He. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 733-7	4.4	37
14	Measuring blood volume and vascular transfer constant from dynamic, T(2)*-weighted contrast-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2004 , 51, 961-8	4.4	123

13	Optimal dose of Gd-DTPA in dynamic MR studies. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 312-6	4.4	45
12	Sensitivity and performance time in MRI dephasing artifact reduction methods. <i>Magnetic Resonance in Medicine</i> , 2001 , 45, 470-6	4.4	28
11	Real-time interactive duplex MR measurements: application in neurovascular imaging. <i>American Journal of Roentgenology</i> , 2001 , 177, 703-7	5.4	9
10	MR renography with low-dose gadopentetate dimeglumine: feasibility. <i>Radiology</i> , 2001 , 221, 371-9	20.5	58
9	Dynamic susceptibility contrast MR imaging: correlation of signal intensity changes with cerebral blood volume measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2000 , 11, 114-9	5.6	61
8	2D multislice and 3D MRI sequences are often equally sensitive. <i>Magnetic Resonance in Medicine</i> , 1999 , 41, 824-8	4.4	38
7	Venous aneurysms: MR diagnosis with the "layered gadolinium" sign. <i>Journal of Computer Assisted Tomography</i> , 1997 , 21, 623-7	2.2	18
6	Single-shot GRASE imaging with short effective TEs. <i>Journal of Magnetic Resonance Imaging</i> , 1996 , 6, 944-7	5.6	9
5	A comparison of phase encoding ordering schemes in T2-weighted GRASE imaging. <i>Magnetic Resonance in Medicine</i> , 1996 , 36, 427-35	4.4	21
4	GRASE improves spatial resolution in single shot imaging. <i>Magnetic Resonance in Medicine</i> , 1995 , 33, 529-33	4.4	39
3	Increased flexibility in GRASE imaging by k space-banded phase encoding. <i>Magnetic Resonance in Medicine</i> , 1995 , 34, 149-55	4.4	18
2	Multiple breath-hold averaging (MBA) method for increased SNR in abdominal MRI. <i>Magnetic Resonance in Medicine</i> , 1995 , 34, 905-9	4.4	12
1	A new 3D localization technique using quadratic field gradients. <i>Magnetic Resonance in Medicine</i> , 1994 , 32, 242-5	4.4	9