Michael L Wood

List of Publications by Year
in descending order

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43 papers	2,576 citations	331538 21 h-index	265120 42 g-index
44 all docs	44 docs citations	44 times ranked	2227 citing authors

#	Article	IF	Citations
1	Functional MRI of Pain- and Attention-Related Activations in the Human Cingulate Cortex. Journal of Neurophysiology, 1997, 77, 3370-3380.	0.9	401
2	Quality assurance methods and phantoms for magnetic resonance imaging: Report of AAPM nuclear magnetic resonance Task Group No. 1. Medical Physics, 1990, 17, 287-295.	1.6	259
3	MR image artifacts from periodic motion. Medical Physics, 1985, 12, 143-151.	1.6	258
4	Spoiling of transverse magnetization in steady-state sequences. Magnetic Resonance in Medicine, 1991, 21, 251-263.	1.9	257
5	fMRI of human somatosensory and cingulate cortex during painful electrical nerve stimulation. NeuroReport, 1995, 7, 321-325.	0.6	165
6	Motionâ€insensitive, steadyâ€state free precession imaging. Magnetic Resonance in Medicine, 1990, 16, 444-459.	1.9	157
7	Elimination of transverse coherences in FLASH MRI. Magnetic Resonance in Medicine, 1988, 8, 248-260.	1.9	132
8	Functional MRI of lateral occipitotemporal cortex during pursuit and motion perception. Annals of Neurology, 1996, 40, 387-398.	2.8	102
9	Proton relaxation enhancement. Journal of Magnetic Resonance Imaging, 1993, 3, 149-156.	1.9	88
10	Suppression of respiratory motion artifacts in magnetic resonance imaging. Medical Physics, 1986, 13, 794-805.	1.6	79
11	Application of Autoregressive Moving Average Parametric Modeling in Magnetic Resonance Image Reconstruction. IEEE Transactions on Medical Imaging, 1986, 5, 132-139.	5.4	74
12	Truncation Artifacts in Magnetic Resonance Imaging. Magnetic Resonance in Medicine, 1985, 2, 517-526.	1.9	71
13	Functional Magnetic Resonance Imaging: A Potential Tool for the Evaluation of Spinal Cord Stimulation: Technical Case Report. Neurosurgery, 1997, 41, 501-504.	0.6	64
14	Overcoming motion in abdominal MR imaging. American Journal of Roentgenology, 1988, 150, 513-522.	1.0	60
15	Planar-motion correction with use of k-space data acquired in fourier MR imaging. Journal of Magnetic Resonance Imaging, 1995, 5, 57-64.	1.9	39
16	The magnetic field dependence of the breathing artifact. Magnetic Resonance Imaging, 1986, 4, 387-392.	1.0	35
17	Pulse-wave velocity measured in one heartbeat using MR tagging. Magnetic Resonance in Medicine, 2002, 48, 115-121.	1.9	31
18	Application of autoregressive modelling in magnetic resonance imaging to remove noise and truncation artifacts. Magnetic Resonance Imaging, 1986, 4, 257-261.	1.0	29

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19	Method for improved multiband excitation profiles using the Shinnar-Le Roux transform. Magnetic Resonance in Medicine, 1999, 42, 577-584.	1.9	28
20	SMRI 1993: Annual meeting overview. Journal of Magnetic Resonance Imaging, 1993, 3, 19-20.	1.9	24
21	Optimization of spoiler gradients in flash MRI. Magnetic Resonance Imaging, 1987, 5, 455-463.	1.0	23
22	Phaseâ€Encode reordering to minimize errors caused by motion. Magnetic Resonance in Medicine, 1996, 35, 391-398.	1.9	20
23	Multilevel wavelet-transform encoding in MRI. Journal of Magnetic Resonance Imaging, 1996, 6, 529-540.	1.9	19
24	Fast imaging and other motion artifact reduction schemes: A pictorial overview. Magnetic Resonance Imaging, 1988, 6, 595-608.	1.0	18
25	Wavelet encoding for 3D gradient-echo MR imaging. Magnetic Resonance in Medicine, 1996, 36, 613-619.	1.9	18
26	High-order multiband encoding in the heart. Magnetic Resonance in Medicine, 2002, 48, 689-698.	1.9	17
27	Wavelet encoding for improved SNR and retrospective slice thickness adjustment. Magnetic Resonance in Medicine, 1998, 39, 383-391.	1.9	16
28	A Focal Zone of Thalamic Plasticity. Journal of Neuroscience, 1998, 18, 548-558.	1.7	14
29	Gradient moment nulling for steady-state free precession MR imaging of cerebrospinal fluid. Medical Physics, 1991, 18, 1038-1044.	1.6	12
30	Fourier registration of three-dimensional brain MR images: Exploiting the axis of rotation. Journal of Magnetic Resonance Imaging, 1996, 6, 894-902.	1.9	12
31	Fast measurements of the motion and velocity spectrum of blood using MR tagging. Magnetic Resonance in Medicine, 2001, 45, 461-469.	1.9	8
32	Artifacts due to residual magnetization in three-dimensional magnetic resonance imaging. Medical Physics, 1988, 15, 825-831.	1.6	7
33	MR desktop data. Journal of Magnetic Resonance Imaging, 1992, 2, 13-17.	1.9	6
34	The efficacy of tilted axial MRI of the CNS. Magnetic Resonance Imaging, 1987, 5, 421-430.	1.0	5
35	Experimental trials with Gd(DO3A)â€”a nonionic magnetic resonance contrast agent. International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology, 1989, 16, 561-567.	0.3	5
36	Aorta wall motion monitoring by 1-d MRI of perpendicular diameters. Journal of Magnetic Resonance Imaging, 1999, 10, 833-840.	1.9	5

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37	Anatomy of the proximal femur as seen with three-dimensional magnetic resonance imaging. Journal of Arthroplasty, 1989, 4, 361-367.	1.5	4
38	Partial discrete Fourier transform (PDFT) multiband encoding. Magnetic Resonance in Medicine, 2001, 45, 118-127.	1.9	4
39	Variability and Standardization of Quantitative Imaging. Investigative Radiology, 2020, 55, 617-618.	3.5	4
40	Motion measurements from individual MR signals using volume localization. Journal of Magnetic Resonance Imaging, 1999, 9, 670-678.	1.9	3
41	Ineffectiveness of averaging for reducing motion artifacts in half-fourier MR imaging. Journal of Magnetic Resonance Imaging, 1991, 1, 593-600.	1.9	2
42	Inflection Points in Magnetic Resonance Imaging Technologyâ€”35 Years of Collaborative Research and Development. Investigative Radiology, 2015, 50, 645-656.	3.5	1
43	Editorial for â€œLeftâ€Right Intensity Asymmetries Vary Depending on Scanner Model for <scp>FLAIR</scp> and <scp>T1</scp> Weighted <scp>MRI</scp> Imagesâ€. Journal of Magnetic Resonance Imaging, 2022, 56, 928-928.	1.9	0