

Donald W Chakeres

List of Publications by Citations

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44
papers

1,666
citations

24
h-index

40
g-index

44
ext. papers

1,790
ext. citations

3.7
avg, IF

3.91
L-index

#	Paper	IF	Citations
44	Functional MRI evidence of cortical reorganization in upper-limb stroke hemiplegia treated with constraint-induced movement therapy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2001 , 80, 4-12	2.6	177
43	Enhanced gray and white matter contrast of phase susceptibility-weighted images in ultra-high-field magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2003 , 18, 284-90	5.6	127
42	Effect of static magnetic field exposure of up to 8 Tesla on sequential human vital sign measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2003 , 18, 346-52	5.6	113
41	Assessment of the lingual nerve in the third molar region using magnetic resonance imaging. <i>Journal of Oral and Maxillofacial Surgery</i> , 1997 , 55, 134-7	1.8	97
40	Static magnetic field effects on human subjects related to magnetic resonance imaging systems. <i>Progress in Biophysics and Molecular Biology</i> , 2005 , 87, 255-65	4.7	95
39	Tumor growth and audiometric change in vestibular schwannomas managed conservatively. <i>Laryngoscope</i> , 2000 , 110, 1843-9	3.6	79
38	High resolution MRI of the deep brain vascular anatomy at 8 Tesla: susceptibility-based enhancement of the venous structures. <i>Journal of Computer Assisted Tomography</i> , 1999 , 23, 857-66	2.2	78
37	Randomized comparison of cognitive function in humans at 0 and 8 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2003 , 18, 342-5	5.6	63
36	Three-dimensional numerical simulations of susceptibility-induced magnetic field inhomogeneities in the human head. <i>Magnetic Resonance Imaging</i> , 2002 , 20, 759-70	3.3	59
35	Intra-arterial carboplatin and intravenous etoposide for the treatment of metastatic brain tumors. <i>Journal of Neuro-Oncology</i> , 2003 , 61, 35-44	4.8	49
34	Electromagnetic perspective on the operation of RF coils at 1.5-11.7 Tesla. <i>Magnetic Resonance in Medicine</i> , 2005 , 54, 683-90	4.4	47
33	High resolution MRI of the deep gray nuclei at 8 Tesla. <i>Journal of Computer Assisted Tomography</i> , 1999 , 23, 867-74	2.2	47
32	Human leptomeningeal and cortical vascular anatomy of the cerebral cortex at 8 Tesla. <i>Journal of Computer Assisted Tomography</i> , 1999 , 23, 850-6	2.2	43
31	Patients with primary hypothyroidism presenting as prolactinomas. <i>American Journal of Medicine</i> , 1987 , 83, 765-9	2.4	42
30	Visualization of microvasculature in glioblastoma multiforme with 8-T high-spatial-resolution MR imaging. <i>American Journal of Neuroradiology</i> , 2002 , 23, 1553-6	4.4	40
29	8.0-Tesla human MR system: temperature changes associated with radiofrequency-induced heating of a head phantom. <i>Journal of Magnetic Resonance Imaging</i> , 2003 , 17, 220-6	5.6	39
28	Susceptibility-based imaging of glioblastoma microvasculature at 8 T: correlation of MR imaging and postmortem pathology. <i>American Journal of Neuroradiology</i> , 2004 , 25, 756-60	4.4	33

27	Brain tumors: complications of cerebral angiography accompanied by intraarterial chemotherapy. <i>Radiology</i> , 1999 , 213, 135-40	20.5	32
26	Optimization of submillimeter-resolution MR imaging methods for the inner ear. <i>Journal of Magnetic Resonance Imaging</i> , 1993 , 3, 451-9	5.6	32
25	Magnetic resonance imaging and clinical correlations in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1988 , 86, 1-12	3.2	29
24	In vivo high-resolution MR imaging of the carpal tunnel at 8.0 tesla. <i>Skeletal Radiology</i> , 2002 , 31, 445-50	2.7	28
23	Effects of static and radiofrequency magnetic field inhomogeneity in ultra-high field magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2006 , 24, 103-12	3.3	27
22	In vivo high resolution coronal MRI of the wrist at 8.0 tesla. <i>Journal of Computer Assisted Tomography</i> , 2002 , 26, 387-91	2.2	25
21	High resolution MRI of the brainstem at 8 T. <i>Journal of Computer Assisted Tomography</i> , 2001 , 25, 242-6	2.2	24
20	Submillimeter magnetic resonance imaging of the temporal bone in Meniere's disease. <i>Laryngoscope</i> , 1996 , 106, 1359-64	3.6	23
19	Intra-arterial carboplatin and intravenous etoposide for the treatment of recurrent and progressive non-GBM gliomas. <i>Journal of Neuro-Oncology</i> , 2002 , 56, 79-86	4.8	22
18	High-resolution 8 Tesla imaging of the formalin-fixed normal human hippocampus. <i>Clinical Anatomy</i> , 2005 , 18, 88-91	2.5	22
17	Limits of 8-Tesla magnetic resonance imaging spatial resolution of the deoxygenated cerebral microvasculature. <i>Journal of Magnetic Resonance Imaging</i> , 2004 , 19, 303-7	5.6	20
16	MR imaging visualization of the cerebral microvasculature: a comparison of live and postmortem studies at 8 T. <i>American Journal of Neuroradiology</i> , 2003 , 24, 1881-4	4.4	18
15	A segment-interleaved motion-compensated acquisition in the steady state (SIMCAST) technique for high resolution imaging of the inner ear. <i>Journal of Magnetic Resonance Imaging</i> , 1997 , 7, 1060-8	5.6	17
14	Blipped multi gradient-echo slice excitation profile imaging (bmGESEPI) for fast T2 * measurements with macroscopic B0 inhomogeneity compensation. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 1390-5	4.4	17
13	Intracranial ossifications and microangiopathy at 8 Tesla MRI. <i>Magnetic Resonance Imaging</i> , 2001 , 19, 1133-7	3.3	17
12	Venous cavernoma at 8 Tesla MRI. <i>Magnetic Resonance Imaging</i> , 2003 , 21, 1087-9	3.3	16
11	Comparison of 1.5 and 8 tesla high-resolution magnetic resonance imaging of lacunar infarcts. <i>Journal of Computer Assisted Tomography</i> , 2002 , 26, 628-32	2.2	16
10	Ultra high field MRI at 8 Tesla of subacute hemorrhagic stroke. <i>Journal of Computer Assisted Tomography</i> , 2001 , 25, 431-5	2.2	15

9	Leukoaraiosis in asymptomatic adult offspring of individuals with Alzheimer disease. <i>Biological Psychiatry</i> , 1990 , 27, 1244-8	7.9	9
8	Computed tomography of the ossicles. <i>Neuroradiology</i> , 1985 , 27, 99-107	3.2	8
7	Radiology of the ambient cistern. Part I: Normal. <i>Neuroradiology</i> , 1985 , 27, 383-9	3.2	7
6	HIGH-RESOLUTION MR IMAGING OF THE AUDITORY PATHWAY. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1998 , 6, 195-217	1.6	7
5	Epoxy-resin injection of the cerebral arterial microvasculature: An evaluation of the limits of spatial resolution in 8 Tesla MRI. <i>Clinical Anatomy</i> , 2005 , 18, 164-70	2.5	3
4	Aneurysm clip. <i>Journal of Neurosurgery</i> , 2007 , 107, 1278-9	3.2	1
3	Modern Applications of MRI in Medical Sciences 343-476		1
2	Canine abdominal MRI at 8 Tesla: initial experience with conventional gradient-recalled echo and rapid acquisition with relaxation enhancement (RARE) techniques. <i>Journal of Computer Assisted Tomography</i> , 2001 , 25, 856-63	2.2	1
1	Computed tomography demonstration of a hypothalamic metastasis. <i>Neuroradiology</i> , 1983 , 25, 103-4	3.2	1