

# Jens H Jensen

## List of Publications by Year in descending order

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165  
papers

10,608  
citations

53794

45  
h-index

36028

97  
g-index

173  
all docs

173  
docs citations

173  
times ranked

8517  
citing authors

#	ARTICLE	IF	CITATIONS
1	High fidelity fiber orientation density functions from fiber ball imaging. NMR in Biomedicine, 2022, 35, e4613.	2.8	5
2	Association Between Anatomical Location of Surgically Induced Lesions and Postoperative Seizure Outcome in Temporal Lobe Epilepsy. Neurology, 2022, 98, .	1.1	9
3	High b-value diffusion tractography: Abnormal axonal network organization associated with medication-refractory epilepsy. NeuroImage, 2022, 248, 118866.	4.2	4
4	Fiber Ball white matter modeling reveals microstructural alterations in healthy brain aging. Aging Brain, 2022, 2, 100037.	1.3	3
5	Greater Diffusion Restriction in White Matter in Preclinical Alzheimer Disease. Annals of Neurology, 2022, , .	5.3	6
6	Neurodegeneration of the Globus Pallidus Internus as a Neural Correlate to Dopa-Response in Freezing of Gait. Journal of Parkinson's Disease, 2022, 12, 1241-1250.	2.8	3
7	Quantitative Diffusion and Spectroscopic Neuroimaging Combined with a Novel Early-Developmental Assessment Improves Models for 1-Year Developmental Outcomes. American Journal of Neuroradiology, 2022, 43, 139-145.	2.4	2
8	Radiological identification of temporal lobe epilepsy using artificial intelligence: a feasibility study. Brain Communications, 2022, 4, fcab284.	3.3	7
9	Language Recovery after Brain Injury: A Structural Network Control Theory Study. Journal of Neuroscience, 2022, 42, 657-669.	3.6	9
10	Impact of <sc>intra-axonal</sc> kurtosis on fiber orientation density functions estimated with fiber ball imaging. Magnetic Resonance in Medicine, 2022, 88, 1347-1354.	3.0	1
11	Brain Reserve in a Case of Cognitive Resilience to Severe Leukoaraiosis. Journal of the International Neuropsychological Society, 2021, 27, 99-108.	1.8	0
12	Optimized rectification of fiber orientation density function. Magnetic Resonance in Medicine, 2021, 85, 444-455.	3.0	5
13	The impact of edema and fiber crossing on diffusion MRI metrics assessed in an ex vivo nerve phantom: Multi-tensor model vs. diffusion orientation distribution function. NMR in Biomedicine, 2021, 34, e4414.	2.8	10
14	Fiber ball white matter modeling in focal epilepsy. Human Brain Mapping, 2021, 42, 2490-2507.	3.6	12
15	Cortical microstructural changes associated with treated aphasia recovery. Annals of Clinical and Translational Neurology, 2021, 8, 1884-1894.	3.7	7
16	Cortical disconnection in temporal lobe epilepsy. Epilepsy and Behavior, 2021, 123, 108231.	1.7	2
17	Diffusion MRI detects basal forebrain cholinergic abnormalities in the 3xTg-AD mouse model of Alzheimer's disease. Magnetic Resonance Imaging, 2021, 83, 1-13.	1.8	14
18	Frontiers of microstructural imaging with diffusion MRI. Advances in Magnetic Resonance Technology and Applications, 2021, 2, 19-39.	0.1	1

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19	Triple diffusion encoding MRI predicts intra-axonal and extra-axonal diffusion tensors in white matter. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2209-2220.	3.0	13
20	4302 Decreased structural basal ganglia motor loop connections in Vascular Parkinsonism compared to Parkinson's disease and healthy aging. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 94-94.	0.6	0
21	Functional connectome vulnerability to Alzheimer's disease in alcohol use disorder: A preliminary study. <i>Alzheimer's and Dementia</i> , 2020, 16, e042226.	0.8	0
22	Diffusion MRI detects early brain microstructure abnormalities in 3-month-old 3xTg-AD mice. <i>NMR in Biomedicine</i> , 2020, 33, e4346.	2.8	11
23	Intra- and interhemispheric white matter tract associations with auditory spatial processing: Distinct normative and aging effects. <i>NeuroImage</i> , 2020, 215, 116792.	4.2	3
24	Early assessment of recurrent glioblastoma response to bevacizumab treatment by diffusional kurtosis imaging: a preliminary report. <i>Neuroradiology Journal</i> , 2019, 32, 317-327.	1.2	1
25	Optimization of data acquisition and analysis for fiber ball imaging. <i>NeuroImage</i> , 2019, 200, 690-703.	4.2	20
26	Brain iron levels in attention-deficit/hyperactivity disorder normalize as a function of psychostimulant treatment duration. <i>NeuroImage: Clinical</i> , 2019, 24, 101993.	2.7	16
27	Elevated Brain Iron in Cocaine Use Disorder as Indexed by Magnetic Field Correlation Imaging. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 579-588.	1.5	5
28	Diffusion MRI detects longitudinal white matter changes in the 3xTg-AD mouse model of Alzheimer's disease. <i>Magnetic Resonance Imaging</i> , 2019, 57, 235-242.	1.8	14
29	Measuring intra-axonal $T_2$ in white matter with direction-averaged diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2985-2994.	3.0	37
30	Characterizing Thalamo-Cortical Structural Connectivity in Essential Tremor with Diffusional Kurtosis Imaging Tractography. <i>Tremor and Other Hyperkinetic Movements</i> , 2019, 9, .	2.0	2
31	Modeling white matter microstructure with fiber ball imaging. <i>NeuroImage</i> , 2018, 176, 11-21.	4.2	44
32	Advanced DWI Methods for the Assessment of Ischemic Stroke. <i>American Journal of Roentgenology</i> , 2018, 210, 728-730.	2.2	3
33	Comparison of cumulant expansion and q-space imaging estimates for diffusional kurtosis in brain. <i>Magnetic Resonance Imaging</i> , 2018, 48, 80-88.	1.8	8
34	Types of naming errors in chronic post-stroke aphasia are dissociated by dual stream axonal loss. <i>Scientific Reports</i> , 2018, 8, 14352.	3.3	32
35	Modeling white matter tract integrity in aging with diffusional kurtosis imaging. <i>Neurobiology of Aging</i> , 2018, 70, 265-275.	3.1	31
36	Characterizing intra-axonal water diffusion with direction-averaged triple diffusion encoding MRI. <i>NMR in Biomedicine</i> , 2018, 31, e3930.	2.8	19

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37	Evaluating kurtosis-based diffusion MRI tissue models for white matter with fiber ball imaging. NMR in Biomedicine, 2017, 30, e3689.	2.8	19
38	Sensitivity of diffusion MRI to perilesional reactive astrogliosis in focal ischemia. NMR in Biomedicine, 2017, 30, e3717.	2.8	6
39	Functional deficits induced by cortical microinfarcts. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3599-3614.	4.3	84
40	Structural plasticity of the ventral stream and aphasia recovery. Annals of Neurology, 2017, 82, 147-151.	5.3	40
41	Diffusional Kurtosis Imaging of the Corticospinal Tract in Multiple Sclerosis: Association with Neurologic Disability. American Journal of Neuroradiology, 2017, 38, 1494-1500.	2.4	13
42	Tensor estimation for double-pulsed diffusional kurtosis imaging. NMR in Biomedicine, 2017, 30, e3722.	2.8	3
43	Using machine learning to classify temporal lobe epilepsy based on diffusion MRI. Brain and Behavior, 2017, 7, e00801.	2.2	40
44	Recent Computational Advances in Denoising for Magnetic Resonance Diffusional Kurtosis Imaging (DKI). Journal of the Indian Institute of Science, 2017, 97, 377-390.	1.9	3
45	Diffusional Kurtosis Imaging and Motor Outcome in Acute Ischemic Stroke. American Journal of Neuroradiology, 2017, 38, 1328-1334.	2.4	24
46	Dependence on b-value of the direction-averaged diffusion-weighted imaging signal in brain. Magnetic Resonance Imaging, 2017, 36, 121-127.	1.8	72
47	Preoperative automated fibre quantification predicts postoperative seizure outcome in temporal lobe epilepsy. Brain, 2017, 140, 68-82.	7.6	96
48	Comparison of Diffusion Metrics Obtained at 1.5T and 3T in Human Brain With Diffusional Kurtosis Imaging. Journal of Magnetic Resonance Imaging, 2017, 45, 673-680.	3.4	12
49	[P2382]: AXONAL DENSITY AND MYELIN INTEGRITY IN COGNITIVE DECLINE: A DIFFUSIONAL KURTOSIS IMAGING STUDY. Alzheimer's and Dementia, 2017, 13, P774.	0.8	2
50	Abstract WP156: Therapy-related Structural Plasticity Of Temporal White Matter Is Related To Naming Recovery In Aphasia. Stroke, 2017, 48, .	2.0	1
51	Microvascular basis for growth of small infarcts following occlusion of single penetrating arterioles in mouse cortex. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1357-1373.	4.3	47
52	Abnormalities in Diffusional Kurtosis Metrics Related to Head Impact Exposure in a Season of High School Varsity Football. Journal of Neurotrauma, 2016, 33, 2133-2146.	3.4	67
53	Epilepsy-related cytoarchitectonic abnormalities along white matter pathways. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 930-936.	1.9	24
54	Resolving power for the diffusion orientation distribution function. Magnetic Resonance in Medicine, 2016, 76, 679-688.	3.0	7

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55	Mapping the Orientation of White Matter Fiber Bundles: A Comparative Study of Diffusion Tensor Imaging, Diffusional Kurtosis Imaging, and Diffusion Spectrum Imaging. American Journal of Neuroradiology, 2016, 37, 1216-1222.	2.4	50
56	Fiber ball imaging. NeuroImage, 2016, 124, 824-833.	4.2	66
57	Differentiating high and low grade pediatric brain tumors using diffusional kurtosis imaging. Journal of Pediatric Neuroradiology, 2015, 02, 301-305.	0.1	0
58	Optimization of white matter fiber tractography with diffusional kurtosis imaging. NMR in Biomedicine, 2015, 28, 1245-1256.	2.8	29
59	Quantitative assessment of diffusional kurtosis anisotropy. NMR in Biomedicine, 2015, 28, 448-459.	2.8	86
60	Altered Microstructure in Temporal Lobe Epilepsy: A Diffusional Kurtosis Imaging Study. American Journal of Neuroradiology, 2015, 36, 719-724.	2.4	48
61	Stejskal's formula for multiple-pulsed diffusion MRI. Magnetic Resonance Imaging, 2015, 33, 1182-1186.	1.8	5
62	Kurtosis analysis of neural diffusion organization. NeuroImage, 2015, 106, 391-403.	4.2	32
63	Double-pulsed diffusional kurtosis imaging for the in vivo assessment of human brain microstructure. NeuroImage, 2015, 120, 371-381.	4.2	9
64	Diffusional Kurtosis and Diffusion Tensor Imaging Reveal Different Time-Sensitive Stroke-Induced Microstructural Changes. Stroke, 2015, 46, 545-550.	2.0	72
65	Evidence of altered age-related brain cytoarchitecture in mouse models of down syndrome: a diffusional kurtosis imaging study. Magnetic Resonance Imaging, 2015, 33, 437-447.	1.8	14
66	Relationship between iron accumulation and white matter injury in multiple sclerosis: a case-control study. Journal of Neurology, 2015, 262, 402-409.	3.6	22
67	The brain connectome as a personalized biomarker of seizure outcomes after temporal lobectomy. Neurology, 2015, 84, 1846-1853.	1.1	122
68	A simple noise correction scheme for diffusional kurtosis imaging. Magnetic Resonance Imaging, 2015, 33, 124-133.	1.8	35
69	Non-Gaussian diffusion MRI of gray matter is associated with cognitive impairment in multiple sclerosis. Multiple Sclerosis Journal, 2015, 21, 935-944.	3.0	64
70	Instituting a radiology residency scholarly activity program. Education for Health: Change in Learning and Practice, 2015, 28, 68.	0.3	11
71	Abstract T P91: Changes in Diffusion Measures Following Experimental Stroke and Rehabilitative Training. Stroke, 2015, 46, .	2.0	0
72	Sufficiency of diffusion tensor in characterizing the diffusion MRI signal to leading order in diffusion weighting. NMR in Biomedicine, 2014, 27, 1005-1007.	2.8	12

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73	Issue Information. NMR in Biomedicine, 2014, 27, 363-70.	2.8	19
74	Multimodal MR Imaging of Brain Iron in Attention Deficit Hyperactivity Disorder: A Noninvasive Biomarker That Responds to Psychostimulant Treatment?. Radiology, 2014, 272, 524-532.	7.3	66
75	Leading non-Gaussian corrections for diffusion orientation distribution function. NMR in Biomedicine, 2014, 27, 202-211.	2.8	35
76	Diffusional kurtosis imaging reveals a distinctive pattern of microstructural alternations in idiopathic generalized epilepsy. Acta Neurologica Scandinavica, 2014, 130, 148-155.	2.1	30
77	MR characterization of hepatic storage iron in transfusional iron overload. Journal of Magnetic Resonance Imaging, 2014, 39, 307-316.	3.4	15
78	Attention-deficit/hyperactivity disorder without comorbidity is associated with distinct atypical patterns of cerebral microstructural development. Human Brain Mapping, 2014, 35, 2148-2162.	3.6	49
79	Human brain asymmetry in microstructural connectivity demonstrated by diffusional kurtosis imaging. Brain Research, 2014, 1588, 73-80.	2.2	11
80	Double-pulsed diffusional kurtosis imaging. NMR in Biomedicine, 2014, 27, 363-370.	2.8	31
81	Diffusional Kurtosis Imaging of the Developing Brain. American Journal of Neuroradiology, 2014, 35, 808-814.	2.4	72
82	Revealing mesoscopic structural universality with diffusion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5088-5093.	7.1	266
83	Histological correlation of diffusional kurtosis and white matter modeling metrics in cuprizone-induced corpus callosum demyelination. NMR in Biomedicine, 2014, 27, 948-957.	2.8	80
84	White matter tract integrity metrics reflect the vulnerability of late-myelinating tracts in Alzheimer's disease. NeuroImage: Clinical, 2014, 4, 64-71.	2.7	106
85	<i>In vivo</i> characterization of brain iron with magnetic field correlation imaging. Future Neurology, 2014, 9, 247-250.	0.5	3
86	Novel White Matter Tract Integrity Metrics Sensitive to Alzheimer Disease Progression. American Journal of Neuroradiology, 2013, 34, 2105-2112.	2.4	128
87	Effect of cerebral spinal fluid suppression for diffusional kurtosis imaging. Journal of Magnetic Resonance Imaging, 2013, 37, 365-371.	3.4	46
88	Non-Gaussian diffusion MRI assessment of brain microstructure in mild cognitive impairment and Alzheimer's disease. Magnetic Resonance Imaging, 2013, 31, 840-846.	1.8	106
89	Measurement and correction of stimulated echo contamination in T2-based iron quantification. Magnetic Resonance Imaging, 2013, 31, 664-668.	1.8	6
90	Intravascular contrast agent $T_2^*$ relaxivity in brain tissue. NMR in Biomedicine, 2013, 26, 392-399.	2.8	5

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91	Cognitive Impairment in Mild Traumatic Brain Injury: A Longitudinal Diffusional Kurtosis and Perfusion Imaging Study. <i>American Journal of Neuroradiology</i> , 2013, 34, 951-957.	2.4	161
92	Microstructural integrity of early- versus late- myelinating white matter tracts in medial temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 1801-1809.	5.1	32
93	Stroke Assessment With Diffusional Kurtosis Imaging. <i>Stroke</i> , 2012, 43, 2968-2973.	2.0	206
94	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, 126-135.	7.3	223
95	Thalamus and Cognitive Impairment in Mild Traumatic Brain Injury: A Diffusional Kurtosis Imaging Study. <i>Journal of Neurotrauma</i> , 2012, 29, 2318-2327.	3.4	223
96	The Effect of Liver Iron Deposition on Hepatic Apparent Diffusion Coefficient Values in Cirrhosis. <i>American Journal of Roentgenology</i> , 2012, 199, 803-808.	2.2	28
97	In vivo assessment of age-related brain iron differences by magnetic field correlation imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 322-331.	3.4	18
98	A versatile flow phantom for intravoxel incoherent motion MRI. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1710-1720.	3.0	45
99	A simple isotropic phantom for diffusional kurtosis imaging. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 537-542.	3.0	15
100	Interstitial fluid pressure correlates with intravoxel incoherent motion imaging metrics in a mouse mammary carcinoma model. <i>NMR in Biomedicine</i> , 2012, 25, 787-794.	2.8	43
101	White matter characterization with diffusional kurtosis imaging. <i>NeuroImage</i> , 2011, 58, 177-188.	4.2	479
102	Random walks with barriers. <i>Nature Physics</i> , 2011, 7, 508-514.	16.7	181
103	Preliminary evidence of altered gray and white matter microstructural development in the frontal lobe of adolescents with attention-deficit hyperactivity disorder: A diffusional kurtosis imaging study. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 17-23.	3.4	154
104	Reduced transverse relaxation rate (RR2) for improved sensitivity in monitoring myocardial iron in thalassemia. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 1510-1516.	3.4	7
105	Estimation of tensors and tensor-derived measures in diffusional kurtosis imaging. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 823-836.	3.0	386
106	Intravoxel incoherent motion imaging of tumor microenvironment in locally advanced breast cancer. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1437-1447.	3.0	181
107	Accelerated cardiac $T_2$ mapping using breathhold multiecho fast spin-echo pulse sequence with $k$ -FOCUSS. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1661-1669.	3.0	67
108	Preliminary observations of increased diffusional kurtosis in human brain following recent cerebral infarction. <i>NMR in Biomedicine</i> , 2011, 24, 452-457.	2.8	145

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109	Rapid monitoring of iron-chelating therapy in thalassemia major by a new cardiovascular MR measure: the reduced transverse relaxation rate. <i>NMR in Biomedicine</i> , 2011, 24, 771-777.	2.8	5
110	MRI evaluation of axonal reorganization after bone marrow stromal cell treatment of traumatic brain injury. <i>NMR in Biomedicine</i> , 2011, 24, 1119-1128.	2.8	55
111	Effect of gradient pulse duration on MRI estimation of the diffusional kurtosis for a two-compartment exchange model. <i>Journal of Magnetic Resonance</i> , 2011, 210, 233-237.	2.1	13
112	Brain Iron Quantification in Mild Traumatic Brain Injury: A Magnetic Field Correlation Study. <i>American Journal of Neuroradiology</i> , 2011, 32, 1851-1856.	2.4	79
113	MRI quantification of non-Gaussian water diffusion by kurtosis analysis. <i>NMR in Biomedicine</i> , 2010, 23, 698-710.	2.8	1,017
114	Monte Carlo study of a two-compartment exchange model of diffusion. <i>NMR in Biomedicine</i> , 2010, 23, 711-724.	2.8	180
115	Progress in diffusion-weighted imaging: concepts, techniques and applications to the central nervous system. <i>NMR in Biomedicine</i> , 2010, 23, 659-660.	2.8	9
116	Separate MRI quantification of dispersed (ferritin-like) and aggregated (hemosiderin-like) storage iron. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1201-1209.	3.0	40
117	A breath-hold R2 mapping pulse sequence detects a decrease in myocardial ferritin iron after one-week of iron chelation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, .	3.3	0
118	Magnetic resonance assessment of iron overload by separate measurement of tissue ferritin and hemosiderin iron. <i>Annals of the New York Academy of Sciences</i> , 2010, 1202, 115-122.	3.8	22
119	Hepatic Iron Deposition in Patients With Liver Disease: Preliminary Experience With Breath-Hold Multiecho T2*-Weighted Sequence. <i>American Journal of Roentgenology</i> , 2009, 193, 1261-1267.	2.2	60
120	Myocardial T2 quantitation in patients with iron overload at 3 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 394-400.	3.4	63
121	Magnetic field correlation as a measure of iron-generated magnetic field inhomogeneities in the brain. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 481-485.	3.0	42
122	Breathhold multiecho fast spin-echo pulse sequence for accurate $R_2$ measurement in the heart and liver. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 300-306.	3.0	46
123	Robust quantification of contrast agent (CA) concentration with magnetic field correlation (MFC) imaging. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1002-1006.	3.0	4
124	Age-related non-Gaussian diffusion patterns in the prefrontal brain. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1345-1350.	3.4	221
125	Estimation of the orientation distribution function from diffusional kurtosis imaging. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 774-781.	3.0	112
126	Quantitative measurement of spinal cord blood volume in humans using vascular-space-occupancy MRI. <i>NMR in Biomedicine</i> , 2008, 21, 226-232.	2.8	12



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127	Predicting Grade of Cerebral Glioma Using Vascular-Space Occupancy MR Imaging. American Journal of Neuroradiology, 2008, 29, 373-378.	2.4	28
128	Quantitative Assessment of Iron Accumulation in the Deep Gray Matter of Multiple Sclerosis by Magnetic Field Correlation Imaging. American Journal of Neuroradiology, 2007, 28, 1639-1644.	2.4	129
129	Three-dimensional characterization of non-gaussian water diffusion in humans using diffusion kurtosis imaging. NMR in Biomedicine, 2006, 19, 236-247.	2.8	377
130	Magnetic field correlation imaging. Magnetic Resonance in Medicine, 2006, 55, 1350-1361.	3.0	82
131	Diffusional kurtosis imaging in the lung using hyperpolarized $^3\text{He}$ . Magnetic Resonance in Medicine, 2006, 56, 733-737.	3.0	39
132	Microvessel density estimation in the human brain by means of dynamic contrast-enhanced echo-planar imaging. Magnetic Resonance in Medicine, 2006, 56, 1145-1150.	3.0	49
133	Quantitative MR Imaging in Alzheimer Disease. Radiology, 2006, 241, 26-44.	7.3	112
134	Methods for Noninvasive Measurement of Tissue Iron in Cooley's Anemia. Annals of the New York Academy of Sciences, 2005, 1054, 358-372.	3.8	12
135	Diffusional kurtosis imaging: The quantification of non-gaussian water diffusion by means of magnetic resonance imaging. Magnetic Resonance in Medicine, 2005, 53, 1432-1440.	3.0	2,040
136	Left Ventricular Function Declines with Increasing Myocardial Ferritin Iron in Thalassemia Major.. Blood, 2005, 106, 3852-3852.	1.4	0
137	Quantitative MRI Assessment of Alzheimer's Disease. Journal of Molecular Neuroscience, 2004, 24, 045-048.	2.3	18
138	High-resolution MR imaging of mouse brain microvasculature using the relaxation rate shift index $\langle Q \rangle$ . NMR in Biomedicine, 2004, 17, 507-512.	2.8	49
139	Applications of ultrasmall superparamagnetic iron oxide contrast agents in the MR study of animal models. NMR in Biomedicine, 2004, 17, 478-483.	2.8	81
140	Iron-fortified MRI: effects and applications of iron-induced NMR relaxation in biological tissues. NMR in Biomedicine, 2004, 17, 425-426.	2.8	5
141	Volume minimization for permanent-magnet structures. IEEE Transactions on Magnetics, 2003, 39, 1800-1805.	2.1	0
142	Minimum-volume coil arrangements for generation of uniform magnetic fields. IEEE Transactions on Magnetics, 2002, 38, 3579-3588.	2.1	22
143	Theory of nonexponential NMR signal decay in liver with iron overload or superparamagnetic iron oxide particles. Magnetic Resonance in Medicine, 2002, 47, 1131-1138.	3.0	55
144	Quantitative model for the interecho time dependence of the CPMG relaxation rate in iron-rich gray matter. Magnetic Resonance in Medicine, 2001, 46, 159-165.	3.0	27

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145	Strong field behavior of the NMR signal from magnetically heterogeneous tissues. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 226-236.	3.0	69
146	Closed wedge magnets. <i>IEEE Transactions on Magnetics</i> , 1999, 35, 4192-4199.	2.1	6
147	Optimization method for permanent-magnet structures. <i>IEEE Transactions on Magnetics</i> , 1999, 35, 4465-4472.	2.1	6
148	Generation of highly uniform magnetic fields with magnetized wedges. <i>IEEE Transactions on Magnetics</i> , 1998, 34, 2316-2323.	2.1	9
149	Generation of uniform high fields with magnetized wedges. <i>IEEE Transactions on Magnetics</i> , 1997, 33, 3874-3876.	2.1	16
150	Hybrid pole pieces for permanent magnets. <i>Journal of Applied Physics</i> , 1996, 79, 5199.	2.5	4
151	5495222 Open permanent magnet structure for generating highly uniform field. <i>Magnetic Resonance Imaging</i> , 1996, 14, XIX-XX.	1.8	0
152	Maximally efficient permanent magnet structures. <i>Journal of Applied Physics</i> , 1996, 79, 1157.	2.5	24
153	Strapping techniques for permanent magnets. <i>IEEE Transactions on Magnetics</i> , 1996, 32, 5082-5084.	2.1	1
154	Convergence of the Semiclassical Approximation for Chaotic Scattering. <i>Physical Review Letters</i> , 1994, 73, 244-247.	7.8	11
155	Effects of field orientation on field uniformity in permanent magnet structures. <i>Journal of Applied Physics</i> , 1994, 76, 6853-6855.	2.5	2
156	Wigner-Kirkwood expansion for cross sections. <i>Physical Review A</i> , 1993, 47, 2552-2554.	2.5	5
157	Semiclassical approximation of cross sections with many rainbow peaks. <i>Physical Review A</i> , 1992, 45, 1307-1313.	2.5	6
158	Quantum corrections for chaotic scattering. <i>Physical Review A</i> , 1992, 45, 8530-8535.	2.5	7
159	Combining quantum and classical perturbation theories. <i>Physical Review A</i> , 1992, 45, 2686-2694.	2.5	2
160	Exploration of surfaces by atomic scattering in the almost classical regime. <i>Surface Science</i> , 1991, 241, 211-224.	1.9	13
161	Wigner symbols, quantum dynamics, and the kicked rotator. <i>Physical Review A</i> , 1990, 42, 2513-2519.	2.5	13
162	Quantum corrections for inelastic atom-surface scattering. <i>Physical Review A</i> , 1989, 40, 2309-2315.	2.5	5

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163	Semiclassical theory for inelastic scattering. Physical Review A, 1989, 40, 1198-1206.	2.5	14
164	Polarons near the Čerenkov velocity. Physical Review B, 1988, 38, 13387-13394.	3.2	6
165	Basic physical principles of body diffusion-weighted MRI. , 0, , 1-17.		0