Jens H Jensen

List of Publications by Year
in descending order

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	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
2	MRI quantification of nonâ€Gaussian water diffusion by kurtosis analysis. NMR in Biomedicine, 2010, 23, 698-710.	2.8	1,017
3	White matter characterization with diffusional kurtosis imaging. NeuroImage, 2011, 58, 177-188.	4.2	479
4	Estimation of tensors and tensorâ€derived measures in diffusional kurtosis imaging. Magnetic Resonance in Medicine, 2011, 65, 823-836.	3.0	386
5	Three-dimensional characterization of non-gaussian water diffusion in humans using diffusion kurtosis imaging. NMR in Biomedicine, 2006, 19, 236-247.	2.8	377
6	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
7	Prostate Cancer: Feasibility and Preliminary Experience of a Diffusional Kurtosis Model for Detection and Assessment of Aggressiveness of Peripheral Zone Cancer. Radiology, 2012, 264, 126-135.	7.3	223
8	Thalamus and Cognitive Impairment in Mild Traumatic Brain Injury: A Diffusional Kurtosis Imaging Study. Journal of Neurotrauma, 2012, 29, 2318-2327.	3.4	223
9	Ageâ€related nonâ€Gaussian diffusion patterns in the prefrontal brain. Journal of Magnetic Resonance Imaging, 2008, 28, 1345-1350.	3.4	221
10	Stroke Assessment With Diffusional Kurtosis Imaging. Stroke, 2012, 43, 2968-2973.	2.0	206
11	Random walks with barriers. Nature Physics, 2011, 7, 508-514.	16.7	181
12	Intravoxel incoherent motion imaging of tumor microenvironment in locally advanced breast cancer. Magnetic Resonance in Medicine, 2011, 65, 1437-1447.	3.0	181
13	Monte Carlo study of a twoâ€compartment exchange model of diffusion. NMR in Biomedicine, 2010, 23, 711-724.	2.8	180
14	Cognitive Impairment in Mild Traumatic Brain Injury: A Longitudinal Diffusional Kurtosis and Perfusion Imaging Study. American Journal of Neuroradiology, 2013, 34, 951-957.	2.4	161
15	Preliminary evidence of altered gray and white matter microstructural development in the frontal lobe of adolescents with attentionâ€deficit hyperactivity disorder: A diffusional kurtosis imaging study. Journal of Magnetic Resonance Imaging, 2011, 33, 17-23.	3.4	154
16	Preliminary observations of increased diffusional kurtosis in human brain following recent cerebral infarction. NMR in Biomedicine, 2011, 24, 452-457.	2.8	145
17	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
18	Novel White Matter Tract Integrity Metrics Sensitive to Alzheimer Disease Progression. American Journal of Neuroradiology, 2013, 34, 2105-2112.	2.4	128

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19	The brain connectome as a personalized biomarker of seizure outcomes after temporal lobectomy. Neurology, 2015, 84, 1846-1853.	1.1	122
20	Quantitative MR Imaging in Alzheimer Disease. Radiology, 2006, 241, 26-44.	7.3	112
21	Estimation of the orientation distribution function from diffusional kurtosis imaging. Magnetic Resonance in Medicine, 2008, 60, 774-781.	3.0	112
22	Non-Gaussian diffusion MRI assessment of brain microstructure in mild cognitive impairment and Alzheimerâ€™s disease. Magnetic Resonance Imaging, 2013, 31, 840-846.	1.8	106
23	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
24	Preoperative automated fibre quantification predicts postoperative seizure outcome in temporal lobe epilepsy. Brain, 2017, 140, 68-82.	7.6	96
25	Quantitative assessment of diffusional kurtosis anisotropy. NMR in Biomedicine, 2015, 28, 448-459.	2.8	86
26	Functional deficits induced by cortical microinfarcts. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3599-3614.	4.3	84
27	Magnetic field correlation imaging. Magnetic Resonance in Medicine, 2006, 55, 1350-1361.	3.0	82
28	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
29	Histological correlation of diffusional kurtosis and white matter modeling metrics in cuprizoneâ€induced corpus callosum demyelination. NMR in Biomedicine, 2014, 27, 948-957.	2.8	80
30	Brain Iron Quantification in Mild Traumatic Brain Injury: A Magnetic Field Correlation Study. American Journal of Neuroradiology, 2011, 32, 1851-1856.	2.4	79
31	Diffusional Kurtosis Imaging of the Developing Brain. American Journal of Neuroradiology, 2014, 35, 808-814.	2.4	72
32	Diffusional Kurtosis and Diffusion Tensor Imaging Reveal Different Time-Sensitive Stroke-Induced Microstructural Changes. Stroke, 2015, 46, 545-550.	2.0	72
33	Dependence on b-value of the direction-averaged diffusion-weighted imaging signal in brain. Magnetic Resonance Imaging, 2017, 36, 121-127.	1.8	72
34	Strong field behavior of the NMR signal from magnetically heterogeneous tissues. Magnetic Resonance in Medicine, 2000, 43, 226-236.	3.0	69
35	Accelerated cardiac T₂ mapping using breathâ€hold multiecho fast spinâ€echo pulse sequence with kâ€t FOCUSS. Magnetic Resonance in Medicine, 2011, 65, 1661-1669.	3.0	67
36	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

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37	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
38	Fiber ball imaging. NeuroImage, 2016, 124, 824-833.	4.2	66
39	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
40	Myocardial T2 quantitation in patients with iron overload at 3 Tesla. Journal of Magnetic Resonance Imaging, 2009, 30, 394-400.	3.4	63
41	Hepatic Iron Deposition in Patients With Liver Disease: Preliminary Experience With Breath-Hold Multiecho T2[*]-Weighted Sequence. American Journal of Roentgenology, 2009, 193, 1261-1267.	2.2	60
42	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
43	MRI evaluation of axonal reorganization after bone marrow stromal cell treatment of traumatic brain injury. NMR in Biomedicine, 2011, 24, 1119-1128.	2.8	55
44	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
45	Highâ€resolution MR imaging of mouse brain microvasculature using the relaxation rate shift index Q. NMR in Biomedicine, 2004, 17, 507-512.	2.8	49
46	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
47	Attentionâ€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
48	Altered Microstructure in Temporal Lobe Epilepsy: A Diffusional Kurtosis Imaging Study. American Journal of Neuroradiology, 2015, 36, 719-724.	2.4	48
49	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
50	Breathhold multiecho fast spinâ€echo pulse sequence for accurate R₂ measurement in the heart and liver. Magnetic Resonance in Medicine, 2009, 62, 300-306.	3.0	46
51	Effect of cerebral spinal fluid suppression for diffusional kurtosis imaging. Journal of Magnetic Resonance Imaging, 2013, 37, 365-371.	3.4	46
52	A versatile flow phantom for intravoxel incoherent motion MRI. Magnetic Resonance in Medicine, 2012, 67, 1710-1720.	3.0	45
53	Modeling white matter microstructure with fiber ball imaging. NeuroImage, 2018, 176, 11-21.	4.2	44
54	Interstitial fluid pressure correlates with intravoxel incoherent motion imaging metrics in a mouse mammary carcinoma model. NMR in Biomedicine, 2012, 25, 787-794.	2.8	43

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55	Magnetic field correlation as a measure of ironâ€generated magnetic field inhomogeneities in the brain. Magnetic Resonance in Medicine, 2009, 61, 481-485.	3.0	42
56	Separate MRI quantification of dispersed (ferritinâ€like) and aggregated (hemosiderinâ€like) storage iron. Magnetic Resonance in Medicine, 2010, 63, 1201-1209.	3.0	40
57	Structural plasticity of the ventral stream and aphasia recovery. Annals of Neurology, 2017, 82, 147-151.	5.3	40
58	Using machine learning to classify temporal lobe epilepsy based on diffusion <scp>MRI</scp>. Brain and Behavior, 2017, 7, e00801.	2.2	40
59	Diffusional kurtosis imaging in the lung using hyperpolarized 3He. Magnetic Resonance in Medicine, 2006, 56, 733-737.	3.0	39
60	Measuring intraâ€axonal T₂ in white matter with directionâ€averaged diffusion MRI. Magnetic Resonance in Medicine, 2019, 81, 2985-2994.	3.0	37
61	Leading nonâ€Gaussian corrections for diffusion orientation distribution function. NMR in Biomedicine, 2014, 27, 202-211.	2.8	35
62	A simple noise correction scheme for diffusional kurtosis imaging. Magnetic Resonance Imaging, 2015, 33, 124-133.	1.8	35
63	Microstructural integrity of earlyâ€versus lateâ€myelinating white matter tracts in medial temporal lobe epilepsy. Epilepsia, 2013, 54, 1801-1809.	5.1	32
64	Kurtosis analysis of neural diffusion organization. NeuroImage, 2015, 106, 391-403.	4.2	32
65	Types of naming errors in chronic post-stroke aphasia are dissociated by dual stream axonal loss. Scientific Reports, 2018, 8, 14352.	3.3	32
66	Doubleâ€pulsed diffusional kurtosis imaging. NMR in Biomedicine, 2014, 27, 363-370.	2.8	31
67	Modeling white matter tract integrity in aging with diffusional kurtosis imaging. Neurobiology of Aging, 2018, 70, 265-275.	3.1	31
68	Diffusional kurtosis imaging reveals a distinctive pattern of microstructural alternations in idiopathic generalized epilepsy. Acta Neurologica Scandinavica, 2014, 130, 148-155.	2.1	30
69	Optimization of white matter fiber tractography with diffusional kurtosis imaging. NMR in Biomedicine, 2015, 28, 1245-1256.	2.8	29
70	Predicting Grade of Cerebral Glioma Using Vascular-Space Occupancy MR Imaging. American Journal of Neuroradiology, 2008, 29, 373-378.	2.4	28
71	The Effect of Liver Iron Deposition on Hepatic Apparent Diffusion Coefficient Values in Cirrhosis. American Journal of Roentgenology, 2012, 199, 803-808.	2.2	28
72	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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73	Maximally efficient permanent magnet structures. Journal of Applied Physics, 1996, 79, 1157.	2.5	24
74	Epilepsy-related cytoarchitectonic abnormalities along white matter pathways. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 930-936.	1.9	24
75	Diffusional Kurtosis Imaging and Motor Outcome in Acute Ischemic Stroke. American Journal of Neuroradiology, 2017, 38, 1328-1334.	2.4	24
76	Minimum-volume coil arrangements for generation of uniform magnetic fields. IEEE Transactions on Magnetics, 2002, 38, 3579-3588.	2.1	22
77	Magnetic resonance assessment of iron overload by separate measurement of tissue ferritin and hemosiderin iron. Annals of the New York Academy of Sciences, 2010, 1202, 115-122.	3.8	22
78	Relationship between iron accumulation and white matter injury in multiple sclerosis: a caseâ€“control study. Journal of Neurology, 2015, 262, 402-409.	3.6	22
79	Optimization of data acquisition and analysis for fiber ball imaging. NeuroImage, 2019, 200, 690-703.	4.2	20
80	Issue Information. NMR in Biomedicine, 2014, 27, 363-70.	2.8	19
81	Evaluating kurtosisâ€based diffusion MRI tissue models for white matter with fiber ball imaging. NMR in Biomedicine, 2017, 30, e3689.	2.8	19
82	Characterizing intraâ€axonal water diffusion with directionâ€averaged triple diffusion encoding MRI. NMR in Biomedicine, 2018, 31, e3930.	2.8	19
83	Quantitative MRI Assessment of Alzheimer's Disease. Journal of Molecular Neuroscience, 2004, 24, 045-048.	2.3	18
84	In vivo assessment of ageâ€related brain iron differences by magnetic field correlation imaging. Journal of Magnetic Resonance Imaging, 2012, 36, 322-331.	3.4	18
85	Generation of uniform high fields with magnetized wedges. IEEE Transactions on Magnetics, 1997, 33, 3874-3876.	2.1	16
86	Brain iron levels in attention-deficit/hyperactivity disorder normalize as a function of psychostimulant treatment duration. NeuroImage: Clinical, 2019, 24, 101993.	2.7	16
87	A simple isotropic phantom for diffusional kurtosis imaging. Magnetic Resonance in Medicine, 2012, 68, 537-542.	3.0	15
88	MR characterization of hepatic storage iron in transfusional iron overload. Journal of Magnetic Resonance Imaging, 2014, 39, 307-316.	3.4	15
89	Semiclassical theory for inelastic scattering. Physical Review A, 1989, 40, 1198-1206.	2.5	14
90	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

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91	Diffusion MRI detects longitudinal white matter changes in the 3xTg-AD mouse model of Alzheimer's disease. Magnetic Resonance Imaging, 2019, 57, 235-242.	1.8	14
92	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
93	Wigner symbols, quantum dynamics, and the kicked rotator. Physical Review A, 1990, 42, 2513-2519.	2.5	13
94	Exploration of surfaces by atomic scattering in the almost classical regime. Surface Science, 1991, 241, 211-224.	1.9	13
95	Effect of gradient pulse duration on MRI estimation of the diffusional kurtosis for a two-compartment exchange model. Journal of Magnetic Resonance, 2011, 210, 233-237.	2.1	13
96	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
97	Triple diffusion encoding MRI predicts intraâ€axonal and extraâ€axonal diffusion tensors in white matter. Magnetic Resonance in Medicine, 2020, 83, 2209-2220.	3.0	13
98	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
99	Quantitative measurement of spinal cord blood volume in humans using vascular-space-occupancy MRI. NMR in Biomedicine, 2008, 21, 226-232.	2.8	12
100	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
101	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
102	Fiber ball white matter modeling in focal epilepsy. Human Brain Mapping, 2021, 42, 2490-2507.	3.6	12
103	Convergence of the Semiclassical Approximation for Chaotic Scattering. Physical Review Letters, 1994, 73, 244-247.	7.8	11
104	Human brain asymmetry in microstructural connectivity demonstrated by diffusional kurtosis imaging. Brain Research, 2014, 1588, 73-80.	2.2	11
105	Diffusion MRI detects early brain microstructure abnormalities in 2â€monthâ€old 3Ã—Tgâ€AD mice. NMR in Biomedicine, 2020, 33, e4346.	2.8	11
106	Instituting a radiology residency scholarly activity program. Education for Health: Change in Learning and Practice, 2015, 28, 68.	0.3	11
107	The impact of edema and fiber crossing on diffusion MRI metrics assessed in an ex vivo nerve phantom: Multiâ€tensor model vs. diffusion orientation distribution function. NMR in Biomedicine, 2021, 34, e4414.	2.8	10
108	Generation of highly uniform magnetic fields with magnetized wedges. IEEE Transactions on Magnetics, 1998, 34, 2316-2323.	2.1	9

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109	Progress in diffusionâ€weighted imaging: concepts, techniques and applications to the central nervous system. NMR in Biomedicine, 2010, 23, 659-660.	2.8	9
110	Double-pulsed diffusional kurtosis imaging for the in vivo assessment of human brain microstructure. NeuroImage, 2015, 120, 371-381.	4.2	9
111	Association Between Anatomical Location of Surgically Induced Lesions and Postoperative Seizure Outcome in Temporal Lobe Epilepsy. Neurology, 2022, 98, .	1.1	9
112	Language Recovery after Brain Injury: A Structural Network Control Theory Study. Journal of Neuroscience, 2022, 42, 657-669.	3.6	9
113	Comparison of cumulant expansion and q-space imaging estimates for diffusional kurtosis in brain. Magnetic Resonance Imaging, 2018, 48, 80-88.	1.8	8
114	Quantum corrections for chaotic scattering. Physical Review A, 1992, 45, 8530-8535.	2.5	7
115	Reduced transverse relaxation rate (RR2) for improved sensitivity in monitoring myocardial iron in thalassemia. Journal of Magnetic Resonance Imaging, 2011, 33, 1510-1516.	3.4	7
116	Resolving power for the diffusion orientation distribution function. Magnetic Resonance in Medicine, 2016, 76, 679-688.	3.0	7
117	Cortical microstructural changes associated with treated aphasia recovery. Annals of Clinical and Translational Neurology, 2021, 8, 1884-1894.	3.7	7
118	Radiological identification of temporal lobe epilepsy using artificial intelligence: a feasibility study. Brain Communications, 2022, 4, fcab284.	3.3	7
119	Polarons near the CÌŒerenkov velocity. Physical Review B, 1988, 38, 13387-13394.	3.2	6
120	Semiclassical approximation of cross sections with many rainbow peaks. Physical Review A, 1992, 45, 1307-1313.	2.5	6
121	Closed wedge magnets. IEEE Transactions on Magnetics, 1999, 35, 4192-4199.	2.1	6
122	Optimization method for permanent-magnet structures. IEEE Transactions on Magnetics, 1999, 35, 4465-4472.	2.1	6
123	Measurement and correction of stimulated echo contamination in T2-based iron quantification. Magnetic Resonance Imaging, 2013, 31, 664-668.	1.8	6
124	Sensitivity of diffusion MRI to perilesional reactive astrogliosis in focal ischemia. NMR in Biomedicine, 2017, 30, e3717.	2.8	6
125	Greater Diffusion Restriction in White Matter in Preclinical Alzheimer Disease. Annals of Neurology, 2022, , .	5.3	6
126	Quantum corrections for inelastic atom-surface scattering. Physical Review A, 1989, 40, 2309-2315.	2.5	5

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127	Wigner-Kirkwood expansion for cross sections. Physical Review A, 1993, 47, 2552-2554.	2.5	5
128	Iron-fortified MRI: effects and applications of iron-induced NMR relaxation in biological tissues. NMR in Biomedicine, 2004, 17, 425-426.	2.8	5
129	Rapid monitoring of ironâ€chelating therapy in thalassemia major by a new cardiovascular MR measure: the reduced transverse relaxation rate. NMR in Biomedicine, 2011, 24, 771-777.	2.8	5
130	Intravascular contrast agent T₂[*] relaxivity in brain tissue. NMR in Biomedicine, 2013, 26, 392-399.	2.8	5
131	Stejskalâ€™s formula for multiple-pulsed diffusion MRI. Magnetic Resonance Imaging, 2015, 33, 1182-1186.	1.8	5
132	Elevated Brain Iron in Cocaine Use Disorder as Indexed by Magnetic Field Correlation Imaging. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 579-588.	1.5	5
133	Optimized rectification of fiber orientation density function. Magnetic Resonance in Medicine, 2021, 85, 444-455.	3.0	5
134	High fidelity fiber orientation density functions from fiber ball imaging. NMR in Biomedicine, 2022, 35, e4613.	2.8	5
135	Hybrid pole pieces for permanent magnets. Journal of Applied Physics, 1996, 79, 5199.	2.5	4
136	Robust quantification of contrast agent (CA) concentration with magnetic field correlation (MFC) imaging. Magnetic Resonance in Medicine, 2009, 62, 1002-1006.	3.0	4
137	High b-value diffusion tractography: Abnormal axonal network organization associated with medication-refractory epilepsy. NeuroImage, 2022, 248, 118866.	4.2	4
138	In vivo characterization of brain iron with magnetic field correlation imaging. Future Neurology, 2014, 9, 247-250.	0.5	3
139	Tensor estimation for doubleâ€pulsed diffusional kurtosis imaging. NMR in Biomedicine, 2017, 30, e3722.	2.8	3
140	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
141	Advanced DWI Methods for the Assessment of Ischemic Stroke. American Journal of Roentgenology, 2018, 210, 728-730.	2.2	3
142	Intra- and interhemispheric white matter tract associations with auditory spatial processing: Distinct normative and aging effects. NeuroImage, 2020, 215, 116792.	4.2	3
143	Fiber Ball white matter modeling reveals microstructural alterations in healthy brain aging. Aging Brain, 2022, 2, 100037.	1.3	3
144	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

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145	Combining quantum and classical perturbation theories. Physical Review A, 1992, 45, 2686-2694.	2.5	2
146	Effects of field orientation on field uniformity in permanent magnet structures. Journal of Applied Physics, 1994, 76, 6853-6855.	2.5	2
147	[P2â€“382]: AXONAL DENSITY AND MYELIN INTEGRITY IN COGNITIVE DECLINE: AÂDIFFUSIONAL KURTOSIS IMAGING STUDY. Alzheimer's and Dementia, 2017, 13, P774.	0.8	2
148	Cortical disconnection in temporal lobe epilepsy. Epilepsy and Behavior, 2021, 123, 108231.	1.7	2
149	Characterizing Thalamo-Cortical Structural Connectivity in Essential Tremor with Diffusional Kurtosis Imaging Tractography. Tremor and Other Hyperkinetic Movements, 2019, 9, .	2.0	2
150	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
151	Strapping techniques for permanent magnets. IEEE Transactions on Magnetics, 1996, 32, 5082-5084.	2.1	1
152	Early assessment of recurrent glioblastoma response to bevacizumab treatment by diffusional kurtosis imaging: a preliminary report. Neuroradiology Journal, 2019, 32, 317-327.	1.2	1
153	Abstract WP156: Therapy-related Structural Plasticity Of Temporal White Matter Is Related To Naming Recovery In Aphasia. Stroke, 2017, 48, .	2.0	1
154	Frontiers of microstructural imaging with diffusion MRI. Advances in Magnetic Resonance Technology and Applications, 2021, 2, 19-39.	0.1	1
155	Impact of <scp>intraâ€axonal</scp> kurtosis on fiber orientation densityÂfunctions estimated with fiber ball imaging. Magnetic Resonance in Medicine, 2022, 88, 1347-1354.	3.0	1
156	Basic physical principles of body diffusion-weighted MRI. , 0, , 1-17.		0
157	5495222 Open permanent magnet structure for generating highly uniform field. Magnetic Resonance Imaging, 1996, 14, XIX-XX.	1.8	0
158	Volume minimization for permanent-magnet structures. IEEE Transactions on Magnetics, 2003, 39, 1800-1805.	2.1	0
159	A breath-hold R2 mapping pulse sequence detects a decrease in myocardial ferritin iron after one-week of iron chelation. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	3.3	0
160	Differentiating high and low grade pediatric brain tumors using diffusional kurtosis imaging. Journal of Pediatric Neuroradiology, 2015, 02, 301-305.	0.1	0
161	4302 Decreased structural basal ganglia motor loop connections in Vascular Parkinsonism compared to Parkinsonâ€™s disease and healthy aging. Journal of Clinical and Translational Science, 2020, 4, 94-94.	0.6	0
162	Functional connectome vulnerability to Alzheimerâ€™s disease in alcohol use disorder: A preliminary study. Alzheimer's and Dementia, 2020, 16, e042226.	0.8	0

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163	Brain Reserve in a Case of Cognitive Resilience to Severe Leukoaraiosis. Journal of the International Neuropsychological Society, 2021, 27, 99-108.	1.8	0
164	Left Ventricular Function Declines with Increasing Myocardial Ferritin Iron in Thalassemia Major.. Blood, 2005, 106, 3852-3852.	1.4	0
165	Abstract T P91: Changes in Diffusion Measures Following Experimental Stroke and Rehabilitative Training. Stroke, 2015, 46, .	2.0	0