Ona Wu

List of Publications by Year in descending order

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152 papers	9,504 citations	41323 49 h-index	42364 92 g-index
168 all docs	168 docs citations	168 times ranked	10713 citing authors

#	Article	IF	Citations
1	Fetal posterior cerebral artery configurations in an ischemic stroke versus an unselected hospital population. Acta Neurologica Scandinavica, 2022, 145, 297-304.	1.0	6
2	Sex-specific lesion pattern of functional outcomes after stroke. Brain Communications, 2022, 4, fcac020.	1.5	8
3	Severe Cerebral Edema in Substance-Related Cardiac Arrest Patients. Resuscitation, 2022, , .	1.3	2
4	Lâ€™Ã¢ge cÃ©rÃ©bral radiomique prÃ©dit le pronostic fonctionnel aprÃ¨s un avc ischÃ©mique.. Journal of Neuroradiology, 2022, 49, 110-111.	0.6	0
5	Lesions causing hallucinations localize to one common brain network. Molecular Psychiatry, 2021, 26, 1299-1309.	4.1	74
6	Normal-appearing white matter microstructural injury is associated with white matter hyperintensity burden in acute ischemic stroke. International Journal of Stroke, 2021, 16, 184-191.	2.9	2
7	Abnormal dynamic functional connectivity is linked to recovery after acute ischemic stroke. Human Brain Mapping, 2021, 42, 2278-2291.	1.9	40
8	Outcome after acute ischemic stroke is linked to sex-specific lesion patterns. Nature Communications, 2021, 12, 3289.	5.8	50
9	MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. Frontiers in Neuroscience, 2021, 15, 691244.	1.4	12
10	Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. Frontiers in Neurology, 2021, 12, 700616.	1.1	11
11	Adapting Clinical Practice of Thrombolysis for Acute Ischemic Stroke Beyond 4.5 Hours: A Review of the Literature. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 106059.	0.7	8
12	Predicting neurological outcome in comatose patients after cardiac arrest with multiscale deep neural networks. Resuscitation, 2021, 169, 86-94.	1.3	12
13	Global white matter structural integrity mediates the effect of age on ischemic stroke outcomes. International Journal of Stroke, 2021, , 174749302110559.	2.9	1
14	White Matter Hyperintensity Burden Is Associated With Hippocampal Subfield Volume in Stroke. Frontiers in Neurology, 2020, 11, 588883.	1.1	6
15	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. Lancet, The, 2020, 396, 1574-1584.	6.3	107
16	White matter hyperintensity burden in acute stroke patients differs by ischemic stroke subtype. Neurology, 2020, 95, e79-e88.	1.5	34
17	Brain Volume: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. Mayo Clinic Proceedings, 2020, 95, 955-965.	1.4	18
18	Identifying Severe Stroke Patients Likely to Benefit From Thrombectomy Despite Delays of up to a Day. Scientific Reports, 2020, 10, 4008.	1.6	13

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19	Diffusion-Weighted Imaging, MR Angiography, and Baseline Data in a Systematic Multicenter Analysis of 3,301 MRI Scans of Ischemic Stroke Patientsâ€"Neuroradiological Review Within the MRI-GENIE Study. Frontiers in Neurology, 2020, 11, 577.	1.1	5
20	Multi-atlas image registration of clinical data with automated quality assessment using ventricle segmentation. Medical Image Analysis, 2020, 63, 101698.	7.0	25
21	Mapping mania symptoms based on focal brain damage. Journal of Clinical Investigation, 2020, 130, 5209-5222.	3.9	42
22	A human memory circuit derived from brain lesions causing amnesia. Nature Communications, 2019, 10, 3497.	5.8	108
23	Disruption of the ascending arousal network in acute traumatic disorders of consciousness. Neurology, 2019, 93, e1281-e1287.	1.5	49
24	Early molecular oxidative stress biomarkers of ischemic penumbra in acute stroke. Neurology, 2019, 93, e1288-e1298.	1.5	36
25	Brain Connectivity Measures Improve Modeling of Functional Outcome After Acute Ischemic Stroke. Stroke, 2019, 50, 2761-2767.	1.0	24
26	Rich-Club Organization: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. Frontiers in Neurology, 2019, 10, 956.	1.1	23
27	White Matter Integrity and Early Outcomes After Acute Ischemic Stroke. Translational Stroke Research, 2019, 10, 630-638.	2.3	36
28	Ensemble of Convolutional Neural Networks Improves Automated Segmentation of Acute Ischemic Lesions Using Multiparametric Diffusion-Weighted MRI. American Journal of Neuroradiology, 2019, 40, 938-945.	1.2	41
29	Big Data Approaches to Phenotyping Acute Ischemic Stroke Using Automated Lesion Segmentation of Multi-Center Magnetic Resonance Imaging Data. Stroke, 2019, 50, 1734-1741.	1.0	52
30	White matter hyperintensity quantification in large-scale clinical acute ischemic stroke cohorts â€" The MRI-GENIE study. NeuroImage: Clinical, 2019, 23, 101884.	1.4	48
31	Reduced Ischemic Lesion Growth with Heparin in Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1500-1508.	0.7	4
32	Spatial Signature of White Matter Hyperintensities in Stroke Patients. Frontiers in Neurology, 2019, 10, 208.	1.1	33
33	Sex-specific differences in white matter microvascular integrity after ischaemic stroke. Stroke and Vascular Neurology, 2019, 4, 198-205.	1.5	9
34	Traumatic Microbleeds in the Hippocampus and Corpus Callosum Predict Duration of Posttraumatic Amnesia. Journal of Head Trauma Rehabilitation, 2019, 34, E10-E18.	1.0	9
35	Effective Reserve: A Latent Variable to Improve Outcome Prediction in Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 63-69.	0.7	10
36	Intravenous thrombolysis in unwitnessed stroke onset: MR WITNESS trial results. Annals of Neurology, 2018, 83, 980-993.	2.8	110

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37	Multimodal Characterization of the Late Effects of Traumatic Brain Injury: A Methodological Overview of the Late Effects of Traumatic Brain Injury Project. Journal of Neurotrauma, 2018, 35, 1604-1619.	1.7	32
38	Oxidative Stress Biomarkers of Brain Damage. Stroke, 2018, 49, 630-637.	1.0	36
39	Diffuse microvascular dysfunction and loss of white matter integrity predict poor outcomes in patients with acute ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 75-86.	2.4	51
40	Infarct topography and functional outcomes. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1517-1532.	2.4	30
41	Consensus statement on current and emerging methods for the diagnosis and evaluation of cerebrovascular disease. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1391-1417.	2.4	48
42	Functional networks reemerge during recovery ofÂconsciousness after acute severe traumatic brainÂinjury. Cortex, 2018, 106, 299-308.	1.1	101
43	Impact of Lesion Load Thresholds on Alberta Stroke Program Early Computed Tomographic Score in Diffusion-Weighted Imaging. Frontiers in Neurology, 2018, 9, 273.	1.1	2
44	Neuroimaging Paradigms to Identify Patients for Reperfusion Therapy in Stroke of Unknown Onset. Frontiers in Neurology, 2018, 9, 327.	1.1	24
45	Identifying therapeutic targets from spontaneous beneficial brain lesions. Annals of Neurology, 2018, 84, 153-157.	2.8	55
46	Beyond Lesion Volumes: Network-based Approach for the Investigation of Neurocognitive Deficits in Patients with Chronic Subcortical Strokes. Radiology, 2018, 288, 195-197.	3.6	1
47	Abstract WP54: Early Alterations in Neurite Orientation Dispersion and Density After Acute Ischemic Stroke. Stroke, 2018, 49, .	1.0	1
48	Abstract TP50: Blood Brain Barrier Leakage Rates and Ischemic Tissue Outcomes in Patients With Advanced White Matter Disease. Stroke, 2018, 49, .	1.0	0
49	Abstract TP52: Neurite Density and Orientation Dispersion are Decreased in White Matter in Patients With Advanced Leukoariaosis. Stroke, 2018, 49, .	1.0	0
50	Abstract WMP16: Elevated Cerebral Neurite Orientation Dispersion and Density Imaging and Diffusion Kurtosis Values Are Associated With Poor Neurologic Outcome in Comatose Cardiac Arrest Patients. Stroke, 2018, 49, .	1.0	0
51	Abstract WP318: Reduced Infarct Growth With IV Heparin in Acute Ischemic Stroke. Stroke, 2018, 49, .	1.0	0
52	Neuroimaging in Cardiac Arrest Prognostication. Seminars in Neurology, 2017, 37, 066-074.	0.5	22
53	Prediction of hemorrhagic transformation after experimental ischemic stroke using MRI-based algorithms. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3065-3076.	2.4	7
54	Revisiting Grade 3 Diffuse Axonal Injury: Not All Brainstem Microbleeds are Prognostically Equal. Neurocritical Care, 2017, 27, 199-207.	1.2	53

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55	Integrity of normal-appearing white matter and functional outcomes after acute ischemic stroke. Neurology, 2017, 88, 1701-1708.	1.5	47
56	Design and rationale for examining neuroimaging genetics in ischemic stroke. Neurology: Genetics, 2017, 3, e180.	0.9	35
57	Early detection of consciousness in patients with acute severe traumatic brain injury. Brain, 2017, 140, 2399-2414.	3.7	244
58	Structural Integrity of Normal Appearing White Matter and Sex-Specific Outcomes After Acute Ischemic Stroke. Stroke, 2017, 48, 3387-3389.	1.0	14
59	In patients with suspected acute stroke, CT perfusion-based cerebral blood flow maps cannot substitute for DWI in measuring the ischemic core. PLoS ONE, 2017, 12, e0188891.	1.1	48
60	Abstract WP204: Genetic Variant in VCAM1 Mediates Acute Infarct Size in Ischemic Stroke Patients. Stroke, 2017, 48, .	1.0	0
61	Abstract 136: Genetics of White Matter Hyperintensity Burden in Patients With Ischemic Stroke: The MRI-GENIE Study. Stroke, 2017, 48, .	1.0	0
62	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. Stroke, 2016, 47, 1389-1398.	1.0	88
63	Longitudinal Diffusion Tensor Imaging Detects Recovery of Fractional Anisotropy Within Traumatic Axonal Injury Lesions. Neurocritical Care, 2016, 24, 342-352.	1.2	14
64	Recent Advances in Leukoaraiosis: White Matter Structural Integrity and Functional Outcomes after Acute Ischemic Stroke. Current Cardiology Reports, 2016, 18, 123.	1.3	38
65	Diffusion tensor imaging in acute-to-subacute traumatic brain injury: a longitudinal analysis. BMC Neurology, 2016, 16, 2.	0.8	55
66	Default Mode Network Perfusion in Aneurysmal Subarachnoid Hemorrhage. Neurocritical Care, 2016, 25, 237-242.	1.2	5
67	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. Lancet Neurology, The, 2016, 15, 174-184.	4.9	217
68	Novel Imaging Markers of Ischemic Cerebral Edema and Its Association with Neurological Outcome. Acta Neurochirurgica Supplementum, 2016, 121, 223-226.	0.5	4
69	International Survey of Acute Stroke Imaging Used to Make Revascularization Treatment Decisions. International Journal of Stroke, 2015, 10, 759-762.	2.9	50
70	Magnetic resonance imaging-based cerebral tissue classification reveals distinct spatiotemporal patterns of changes after stroke in non-human primates. BMC Neuroscience, 2015, 16, 91.	0.8	3
71	In Acute Stroke, Can CT Perfusion-Derived Cerebral Blood Volume Maps Substitute for Diffusion-Weighted Imaging in Identifying the Ischemic Core?. PLoS ONE, 2015, 10, e0133566.	1.1	34
72	Role of Acute Lesion Topography in Initial Ischemic Stroke Severity and Long-Term Functional Outcomes. Stroke, 2015, 46, 2438-2444.	1.0	126

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73	Repeatability of Cerebral Perfusion Using Dynamic Susceptibility Contrast MRI in Glioblastoma Patients. Translational Oncology, 2015, 8, 137-146.	1.7	38
74	Brain Edema Predicts Outcome After Nonlacunar Ischemic Stroke. Stroke, 2014, 45, 3643-3648.	1.0	130
75	Validity of Acute Stroke Lesion Volume Estimation by Diffusion-Weighted Imagingâ€“Alberta Stroke Program Early Computed Tomographic Score Depends on Lesion Location in 496 Patients With Middle Cerebral Artery Stroke. Stroke, 2014, 45, 3583-3588.	1.0	36
76	Neuroprognostication of hypoxicâ€“ischaemic coma in the therapeutic hypothermia era. Nature Reviews Neurology, 2014, 10, 190-203.	4.9	81
77	Response to De Jonghe et al.: Prognostication of neurological outcome after cardiac arrest: standardization of neurological examination conditions is needed. Intensive Care Medicine, 2014, 40, 295-295.	3.9	0
78	Glyburide is Associated with Attenuated Vasogenic Edema in Stroke Patients. Neurocritical Care, 2014, 20, 193-201.	1.2	73
79	Segmentation of Cerebrovascular Pathologies in Stroke Patients with Spatial and Shape Priors. Lecture Notes in Computer Science, 2014, 17, 773-780.	1.0	14
80	Prognostication of neurologic outcome in cardiac arrest patients after mild therapeutic hypothermia: a meta-analysis of the current literature. Intensive Care Medicine, 2013, 39, 1671-1682.	3.9	160
81	Unexpected Recovery of Function After Severe Traumatic Brain Injury: The Limits of Early Neuroimaging-Based Outcome Prediction. Neurocritical Care, 2013, 19, 364-375.	1.2	37
82	Functional MRI and Outcome in Traumatic Coma. Current Neurology and Neuroscience Reports, 2013, 13, 375.	2.0	33
83	Stroke Treatment Academic Industry Roundtable. Stroke, 2013, 44, 3596-3601.	1.0	23
84	Clinical examination for prognostication in comatose cardiac arrest patients. Resuscitation, 2013, 84, 1546-1551.	1.3	68
85	Hippocampal Magnetic Resonance Imaging Abnormalities in Cardiac Arrest are Associated with Poor Outcome. Journal of Stroke and Cerebrovascular Diseases, 2013, 22, 899-905.	0.7	41
86	Stroke Genetics Network (SiGN) Study. Stroke, 2013, 44, 2694-2702.	1.0	62
87	Acute Stroke Imaging Research Roadmap II. Stroke, 2013, 44, 2628-2639.	1.0	192
88	Advanced Neuroimaging in Traumatic Brain Injury. Seminars in Neurology, 2013, 32, 374-400.	0.5	27
89	Early Identification of Potentially Salvageable Tissue with MRI-Based Predictive Algorithms after Experimental Ischemic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1075-1082.	2.4	41
90	Quantitative Measurements of Relative Fluid-Attenuated Inversion Recovery (FLAIR) Signal Intensities in Acute Stroke for the Prediction of Time from Symptom Onset. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 76-84.	2.4	46

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91	Quantification and Analysis of Large Multimodal Clinical Image Studies: Application to Stroke. Lecture Notes in Computer Science, 2013, 8159, 18-30.	1.0	15
92	Disconnection of the Ascending Arousal System in Traumatic Coma. Journal of Neuropathology and Experimental Neurology, 2013, 72, 505-523.	0.9	118
93	International Survey of Acute Stroke Imaging Capabilities. Stroke, 2013, 44, 2091-2091.	1.0	5
94	White Matter Abnormalities and Structural Hippocampal Disconnections in Amnestic Mild Cognitive Impairment and Alzheimerâ€™s Disease. PLoS ONE, 2013, 8, e74776.	1.1	28
95	Cerebral perfusion changes in migraineurs: a voxelwise comparison of interictal dynamic susceptibility contrast MRI measurements. Cephalalgia, 2012, 32, 279-288.	1.8	26
96	Dynamic Functional Cerebral Blood Volume Responses to Normobaric Hyperoxia in Acute Ischemic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1800-1809.	2.4	14
97	Neuroanatomic Connectivity of the Human Ascending Arousal System Critical to Consciousness and Its Disorders. Journal of Neuropathology and Experimental Neurology, 2012, 71, 531-546.	0.9	353
98	A Pragmatic Approach Using Magnetic Resonance Imaging to Treat Ischemic Strokes of Unknown Onset Time in a Thrombolytic Trial. Stroke, 2012, 43, 2331-2335.	1.0	43
99	Hyperintense Vessels on Acute Stroke Fluid-Attenuated Inversion Recovery Imaging. Stroke, 2012, 43, 2957-2961.	1.0	59
100	Clinical examination for outcome prediction in nontraumatic coma*. Critical Care Medicine, 2012, 40, 1150-1156.	0.4	33
101	Evaluating effects of normobaric oxygen therapy in acute stroke with MRI-based predictive models. Medical Gas Research, 2012, 2, 5.	1.2	21
102	Reliability of cerebral blood volume maps as a substitute for diffusionâ€weighted imaging in acute ischemic stroke. Journal of Magnetic Resonance Imaging, 2012, 36, 1083-1087.	1.9	19
103	Abstract 3319: Prediction Of Lesion Expansion In Stroke Patients Using Acute MRI. Stroke, 2012, 43, .	1.0	1
104	MR Perfusion Imaging in Acute Ischemic Stroke. Neuroimaging Clinics of North America, 2011, 21, 259-283.	0.5	115
105	Imaging Stroke Patients with Unclear Onset Times. Neuroimaging Clinics of North America, 2011, 21, 327-344.	0.5	20
106	Early time points perfusion imaging: Relative time of arrival, maximum derivatives and fractional derivatives. NeuroImage, 2011, 57, 979-990.	2.1	3
107	Early time points perfusion imaging. NeuroImage, 2011, 54, 1070-1082.	2.1	7
108	DWI-FLAIR mismatch for the identification of patients with acute ischaemic stroke within 4Â·5 h of symptom onset (PRE-FLAIR): a multicentre observational study. Lancet Neurology, The, 2011, 10, 978-986.	4.9	468

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109	Lower Hemoglobin Correlates with Larger Stroke Volumes in Acute Ischemic Stroke. Cerebrovascular Diseases Extra, 2011, 1, 44-53.	0.5	41
110	Age-Dependent Susceptibility to Infarct Growth in Women. Stroke, 2011, 42, 947-951.	1.0	24
111	Predicting Clinical Outcome in Comatose Cardiac Arrest Patients Using Early Noncontrast Computed Tomography. Stroke, 2011, 42, 985-992.	1.0	96
112	Perfusion MRI in neuroâ€psychiatric systemic lupus erthemathosus. Journal of Magnetic Resonance Imaging, 2010, 32, 283-288.	1.9	25
113	Multiparametric Magnetic Resonance Imaging of Brain Disorders. Topics in Magnetic Resonance Imaging, 2010, 21, 129-138.	0.7	16
114	Diffusion in Acute Stroke. , 2010, , 518-528.		2
115	Comatose Patients with Cardiac Arrest: Predicting Clinical Outcome with Diffusion-weighted MR Imaging. Radiology, 2009, 252, 173-181.	3.6	166
116	Existence of the Diffusion-Perfusion Mismatch within 24 Hours after Onset of Acute Stroke: Dependence on Proximal Arterial Occlusion. Radiology, 2009, 250, 878-886.	3.6	94
117	Comparison of 10 Perfusion MRI Parameters in 97 Sub-6-Hour Stroke Patients Using Voxel-Based Receiver Operating Characteristics Analysis. Stroke, 2009, 40, 2055-2061.	1.0	128
118	Inferring origin of vascular supply from tracer arrival timing patterns using bolus tracking MRI. Journal of Magnetic Resonance Imaging, 2008, 27, 1371-1381.	1.9	42
119	Manganese-Enhanced MRI of Brain Plasticity in Relation to Functional Recovery after Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 832-840.	2.4	50
120	Severity of Leukoaraiosis and Susceptibility to Infarct Growth in Acute Stroke. Stroke, 2008, 39, 1409-1413.	1.0	155
121	Interexaminer Difference in Infarct Volume Measurements on MRI. Stroke, 2008, 39, 1171-1176.	1.0	53
122	MRI Detection of Early Blood-Brain Barrier Disruption. Stroke, 2008, 39, 1025-1028.	1.0	106
123	Frontal connections and cognitive changes in normal aging rhesus monkeys: A DTI study. Neurobiology of Aging, 2007, 28, 1556-1567.	1.5	105
124	Changes in neuronal connectivity after stroke in rats as studied by serial manganese-enhanced MRI. NeuroImage, 2007, 34, 1650-1657.	2.1	57
125	Infarct Prediction and Treatment Assessment with MRI-based Algorithms in Experimental Stroke Models. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 196-204.	2.4	51
126	Transient ischemic attack with infarction: A unique syndrome?. International Congress Series, 2006, 1290, 45-55.	0.2	0

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127	Characterizing physiological heterogeneity of infarction risk in acute human ischaemic stroke using MRI. Brain, 2006, 129, 2384-2393.	3.7	71
128	Applying instance-based techniques to prediction of final outcome in acute stroke. Artificial Intelligence in Medicine, 2005, 33, 223-236.	3.8	30
129	Transient ischemic attack with infarction: A unique syndrome?. Annals of Neurology, 2005, 57, 679-686.	2.8	114
130	Ischemic injury detected by diffusion imaging 11 minutes after stroke. Annals of Neurology, 2005, 58, 462-465.	2.8	133
131	Technical Aspects of Perfusion-Weighted Imaging. Neuroimaging Clinics of North America, 2005, 15, 623-637.	0.5	39
132	Spatio-temporal patterns of MRI-detected manganese-enhancement in the sensorimotor network of rat brain after stroke. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S240-S240.	2.4	0
133	Spatio-temporal dynamics of infarct evolution using MR-based prediction algorithms. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S538-S538.	2.4	0
134	Predicting effects of thrombolytic therapy in acute stroke patients using MR imaging. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S113-S113.	2.4	0
135	In vivo 1H magnetic resonance spectroscopy, T2-weighted and diffusion-weighted MRI during lithiumâ€“pilocarpine-induced status epilepticus in the rat. Brain Research, 2004, 1030, 11-18.	1.1	56
136	Evolution of water diffusion and anisotropy in hyperacute stroke: significant correlation between fractional anisotropy and T2. American Journal of Neuroradiology, 2004, 25, 699-705.	1.2	45
137	Diffusion tensor imaging as potential biomarker of white matter injury in diffuse axonal injury. American Journal of Neuroradiology, 2004, 25, 370-6.	1.2	327
138	Tracer arrival timing-insensitive technique for estimating flow in MR perfusion-weighted imaging using singular value decomposition with a block-circulant deconvolution matrix. Magnetic Resonance in Medicine, 2003, 50, 164-174.	1.9	528
139	Model of the human vasculature for studying the influence of contrast injection speed on cerebral perfusion MRI. Magnetic Resonance in Medicine, 2003, 50, 614-622.	1.9	50
140	Effects of tracer arrival time on flow estimates in MR perfusion-weighted imaging. Magnetic Resonance in Medicine, 2003, 50, 856-864.	1.9	93
141	Correlation between Brain Reorganization, Ischemic Damage, and Neurologic Status after Transient Focal Cerebral Ischemia in Rats: A Functional Magnetic Resonance Imaging Study. Journal of Neuroscience, 2003, 23, 510-517.	1.7	283
142	Magnetic Resonance Perfusion-Weighted Imaging of Acute Cerebral Infarction. Stroke, 2002, 33, 87-94.	1.0	126
143	Rapid Breakdown of Microvascular Barriers and Subsequent Hemorrhagic Transformation After Delayed Recombinant Tissue Plasminogen Activator Treatment in a Rat Embolic Stroke Model. Stroke, 2002, 33, 2100-2104.	1.0	97
144	Diffusion magnetic resonance imaging of acute ischemic stroke. Seminars in Roentgenology, 2002, 37, 219-229.	0.2	4

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145	Perfusion magnetic resonance imaging of acute ischemic stroke. Seminars in Roentgenology, 2002, 37, 230-236.	0.2	9
146	Highly diffusion-sensitized MRI of brain: Dissociation of gray and white matter. Magnetic Resonance in Medicine, 2001, 45, 734-740.	1.9	99
147	Delayed rt-PA Treatment in a Rat Embolic Stroke Model: Diagnosis and Prognosis of Ischemic Injury and Hemorrhagic Transformation with Magnetic Resonance Imaging. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 964-971.	2.4	58
148	Predicting Tissue Outcome in Acute Human Cerebral Ischemia Using Combined Diffusion- and Perfusion-Weighted MR Imaging. Stroke, 2001, 32, 933-942.	1.0	266
149	Frequency and Clinical Context of Decreased Apparent Diffusion Coefficient Reversal in the Human Brain. Radiology, 2001, 221, 43-50.	3.6	121
150	Ischemic Stroke: Effects of Etiology and Patient Age on the Time Course of the Core Apparent Diffusion Coefficient. Radiology, 2001, 221, 27-34.	3.6	110
151	Combined Diffusion-Weighted and Perfusion-Weighted Flow Heterogeneity Magnetic Resonance Imaging in Acute Stroke. Stroke, 2000, 31, 1097-1103.	1.0	83
152	Human Acute Cerebral Ischemia: Detection of Changes in Water Diffusion Anisotropy by Using MR Imaging. Radiology, 1999, 212, 785-792.	3.6	289