

Afonso C Silva

List of Publications by Year in descending order

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142
papers

10,763
citations

22099

59
h-index

34900

98
g-index

146
all docs

146
docs citations

146
times ranked

9453
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese-enhanced magnetic resonance imaging (MEMRI): methodological and practical considerations. <i>NMR in Biomedicine</i> , 2004, 17, 532-543.	1.6	457
2	In vivo neuronal tract tracing using manganese-enhanced magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 740-748.	1.9	434
3	Highly efficient endosomal labeling of progenitor and stem cells with large magnetic particles allows magnetic resonance imaging of single cells. <i>Blood</i> , 2003, 102, 867-872.	0.6	404
4	Superficial white matter fiber systems impede detection of long-range cortical connections in diffusion MR tractography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2820-8.	3.3	364
5	Tissue specific perfusion imaging using arterial spin labeling. <i>NMR in Biomedicine</i> , 1994, 7, 75-82.	1.6	301
6	Diffusion-weighted spin-echo fMRI at 9.4 T: Microvascular/tissue contribution to BOLD signal changes. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 919-928.	1.9	279
7	Marmosets: A Neuroscientific Model of Human Social Behavior. <i>Neuron</i> , 2016, 90, 219-233.	3.8	260
8	In vivo detection of neuroarchitecture in the rodent brain using manganese-enhanced MRI. <i>NeuroImage</i> , 2004, 22, 1046-1059.	2.1	246
9	Laminar specificity of functional MRI onset times during somatosensory stimulation in rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15182-15187.	3.3	244
10	Functional MRI of calcium-dependent synaptic activity: Cross correlation with CBF and BOLD measurements. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 383-392.	1.9	242
11	Sensitivity of MRI resonance frequency to the orientation of brain tissue microstructure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5130-5135.	3.3	238
12	Brains, Genes, and Primates. <i>Neuron</i> , 2015, 86, 617-631.	3.8	231
13	Simultaneous Blood Oxygenation Level-Dependent and Cerebral Blood Flow Functional Magnetic Resonance Imaging during Forepaw Stimulation in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 871-879.	2.4	230
14	Manganese-enhanced magnetic resonance imaging (MEMRI). <i>NMR in Biomedicine</i> , 2004, 17, 527-531.	1.6	217
15	Functional Reactivity of Cerebral Capillaries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 961-972.	2.4	189
16	The contribution of myelin to magnetic susceptibility-weighted contrasts in high-field MRI of the brain. <i>NeuroImage</i> , 2012, 59, 3967-3975.	2.1	186
17	Micro-compartment specific T2 relaxation in the brain. <i>NeuroImage</i> , 2013, 77, 268-278.	2.1	182
18	Manganese-Enhanced MRI: An Exceptional Tool in Translational Neuroimaging. <i>Schizophrenia Bulletin</i> , 2007, 34, 595-604.	2.3	162

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19	Early Temporal Characteristics of Cerebral Blood Flow and Deoxyhemoglobin Changes during Somatosensory Stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 201-206.	2.4	157
20	Manganese-enhanced magnetic resonance imaging of mouse brain after systemic administration of MnCl ₂ : Dose-dependent and temporal evolution of T1 contrast. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 640-648.	1.9	154
21	Multi-Slice MRI of Rat Brain Perfusion During Amphetamine Stimulation Using Arterial Spin Labeling. <i>Magnetic Resonance in Medicine</i> , 1995, 33, 209-214.	1.9	149
22	NMR Measurement of Perfusion Using Arterial Spin Labeling Without Saturation of Macromolecular Spins. <i>Magnetic Resonance in Medicine</i> , 1995, 33, 370-376.	1.9	147
23	Functional Mapping of Face-Selective Regions in the Extrastriate Visual Cortex of the Marmoset. <i>Journal of Neuroscience</i> , 2015, 35, 1160-1172.	1.7	137
24	Large-Scale Brain Networks in the Awake, Truly Resting Marmoset Monkey. <i>Journal of Neuroscience</i> , 2013, 33, 16796-16804.	1.7	133
25	Visualizing the entire cortical myelination pattern in marmosets with magnetic resonance imaging. <i>Journal of Neuroscience Methods</i> , 2009, 185, 15-22.	1.3	127
26	A digital 3D atlas of the marmoset brain based on multi-modal MRI. <i>NeuroImage</i> , 2018, 169, 106-116.	2.1	127
27	Dynamic activity-induced manganese-dependent contrast magnetic resonance imaging (DAIM MRI). <i>Magnetic Resonance in Medicine</i> , 2002, 48, 927-933.	1.9	126
28	Functional MRI impulse response for BOLD and CBV contrast in rat somatosensory cortex. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 1110-1118.	1.9	126
29	Spatial flow-volume dissociation of the cerebral microcirculatory response to mild hypercapnia. <i>NeuroImage</i> , 2006, 32, 520-530.	2.1	118
30	T ₂ *-based fiber orientation mapping. <i>NeuroImage</i> , 2011, 57, 225-234.	2.1	118
31	Temporal dynamics of the BOLD fMRI impulse response. <i>NeuroImage</i> , 2005, 24, 667-677.	2.1	110
32	Imaging blood flow in brain tumors using arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 169-173.	1.9	109
33	Spatiotemporal Evolution of the Functional Magnetic Resonance Imaging Response to Ultrashort Stimuli. <i>Journal of Neuroscience</i> , 2011, 31, 1440-1447.	1.7	104
34	Estimation of water extraction fractions in rat brain using magnetic resonance measurement of perfusion with arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 58-68.	1.9	102
35	Sensory and optogenetically driven single-vessel fMRI. <i>Nature Methods</i> , 2016, 13, 337-340.	9.0	98
36	Functional MRI of the rodent somatosensory pathway using multislice echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 89-99.	1.9	97

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37	Evidence for the exchange of arterial spin-labeled water with tissue water in rat brain from diffusion-sensitized measurements of perfusion. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 232-237.	1.9	92
38	Direct magnetic resonance detection of neuronal electrical activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16015-16020.	3.3	92
39	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020, 105, 600-603.	3.8	92
40	Direct imaging of macrovascular and microvascular contributions to BOLD fMRI in layers IV-V of the rat whisker barrel cortex. <i>NeuroImage</i> , 2012, 59, 1451-1460.	2.1	89
41	The formation of inflammatory demyelinated lesions in cerebral white matter. <i>Annals of Neurology</i> , 2014, 76, 594-608.	2.8	89
42	fMRI in the awake marmoset: Somatosensory-evoked responses, functional connectivity, and comparison with propofol anesthesia. <i>NeuroImage</i> , 2013, 78, 186-195.	2.1	87
43	Glutamate neurons are intermixed with midbrain dopamine neurons in nonhuman primates and humans. <i>Scientific Reports</i> , 2016, 6, 30615.	1.6	84
44	Pseudo-continuous arterial spin labeling technique for measuring CBF dynamics with high temporal resolution. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 425-429.	1.9	83
45	Anatomical and functional investigation of the marmoset default mode network. <i>Nature Communications</i> , 2019, 10, 1975.	5.8	82
46	Generation of transgenic marmosets expressing genetically encoded calcium indicators. <i>Scientific Reports</i> , 2016, 6, 34931.	1.6	81
47	Fractionated manganese-enhanced MRI. <i>NMR in Biomedicine</i> , 2008, 21, 473-478.	1.6	79
48	Elevated endogenous GABA level correlates with decreased fMRI signals in the rat brain during acute inhibition of GABA transaminase. <i>Journal of Neuroscience Research</i> , 2005, 79, 383-391.	1.3	78
49	A combined histological and MRI brain atlas of the common marmoset monkey, <i>Callithrix jacchus</i> . <i>Brain Research Reviews</i> , 2009, 62, 1-18.	9.1	78
50	Cell labeling for magnetic resonance imaging with the T1 agent manganese chloride. <i>NMR in Biomedicine</i> , 2006, 19, 50-59.	1.6	77
51	A resource for the detailed 3D mapping of white matter pathways in the marmoset brain. <i>Nature Neuroscience</i> , 2020, 23, 271-280.	7.1	77
52	BOLD and CBV-weighted functional magnetic resonance imaging of the rat somatosensory system. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 316-324.	1.9	76
53	Longitudinal Functional Magnetic Resonance Imaging in Animal Models. <i>Methods in Molecular Biology</i> , 2011, 711, 281-302.	0.4	76
54	Detection of cortical laminar architecture using manganese-enhanced MRI. <i>Journal of Neuroscience Methods</i> , 2008, 167, 246-257.	1.3	72

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55	Cerebrospinal fluid to brain transport of manganese in a non-human primate revealed by MRI. <i>Brain Research</i> , 2008, 1198, 160-170.	1.1	72
56	Functional Uncoupling of Hemodynamic from Neuronal Response by Inhibition of Neuronal Nitric Oxide Synthase. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 741-754.	2.4	71
57	In vivo quantification of T2 [*] anisotropy in white matter fibers in marmoset monkeys. <i>NeuroImage</i> , 2012, 59, 979-985.	2.1	70
58	Perfusion imaging using dynamic arterial spin labeling (DASL). <i>Magnetic Resonance in Medicine</i> , 2001, 45, 1021-1029.	1.9	69
59	Differential Effects of NMDA and AMPA Glutamate Receptors on Functional Magnetic Resonance Imaging Signals and Evoked Neuronal Activity during Forepaw Stimulation of the Rat. <i>Journal of Neuroscience</i> , 2006, 26, 8409-8416.	1.7	66
60	Comparison of diffusion-weighted high-resolution CBF and spin-echo BOLD fMRI at 9.4 T. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 736-741.	1.9	62
61	Manganese enhanced MRI reveals functional circuitry in response to odorant stimuli†. <i>NeuroImage</i> , 2009, 44, 363-372.	2.1	61
62	Cyclooxygenase-1 and -2 Differentially Modulate Lipopolysaccharide-Induced Blood-Brain Barrier Disruption through Matrix Metalloproteinase Activity. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 370-380.	2.4	61
63	On the contribution of deoxy-hemoglobin to MRI gray-white matter phase contrast at high field. <i>NeuroImage</i> , 2010, 49, 193-198.	2.1	61
64	Functional MRI of visual responses in the awake, behaving marmoset. <i>NeuroImage</i> , 2015, 120, 1-11.	2.1	61
65	MRI detection of ferritin iron overload and associated neuronal pathology in iron regulatory protein-2 knockout mice. <i>Brain Research</i> , 2003, 971, 95-106.	1.1	57
66	Modulatory role of cyclooxygenase-2 in cerebrovascular coupling. <i>NeuroImage</i> , 2006, 32, 23-32.	2.1	54
67	Marmoset Brain Mapping V3: Population multi-modal standard volumetric and surface-based templates. <i>NeuroImage</i> , 2021, 226, 117620.	2.1	50
68	Spatiotemporal distribution of fibrinogen in marmoset and human inflammatory demyelination. <i>Brain</i> , 2018, 141, 1637-1649.	3.7	49
69	Measurement of cerebral perfusion territories using arterial spin labelling. <i>NMR in Biomedicine</i> , 2007, 20, 633-642.	1.6	48
70	Magnetic resonance imaging quantification of regional cerebral blood flow and cerebrovascular reactivity to carbon dioxide in normotensive and hypertensive rats. <i>NeuroImage</i> , 2011, 58, 75-81.	2.1	47
71	Novel Marmoset (<i>Callithrix jacchus</i>) Model of Human Herpesvirus 6A and 6B Infections: Immunologic, Virologic and Radiologic Characterization. <i>PLoS Pathogens</i> , 2013, 9, e1003138.	2.1	47
72	Layer specific tracing of corticocortical and thalamocortical connectivity in the rodent using manganese enhanced MRI. <i>NeuroImage</i> , 2009, 44, 923-931.	2.1	45

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73	Potential role of iron in repair of inflammatory demyelinating lesions. <i>Journal of Clinical Investigation</i> , 2019, 129, 4365-4376.	3.9	45
74	Perfusion analysis using dynamic arterial spin labeling (DASL). <i>Magnetic Resonance in Medicine</i> , 1999, 41, 299-308.	1.9	42
75	Herpesvirus trigger accelerates neuroinflammation in a nonhuman primate model of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11292-11297.	3.3	40
76	Two-photon imaging of cerebral hemodynamics and neural activity in awake and anesthetized marmosets. <i>Journal of Neuroscience Methods</i> , 2016, 271, 55-64.	1.3	38
77	The role of nitrite in neurovascular coupling. <i>Brain Research</i> , 2011, 1407, 62-68.	1.1	37
78	Visualizing myeloarchitecture with magnetic resonance imaging in primates. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, E171-81.	1.8	35
79	An embedded four-channel receive-only RF coil array for fMRI experiments of the somatosensory pathway in conscious awake marmosets. <i>NMR in Biomedicine</i> , 2013, 26, 1395-1402.	1.6	35
80	Anatomical and functional neuroimaging in awake, behaving marmosets. <i>Developmental Neurobiology</i> , 2017, 77, 373-389.	1.5	35
81	Generation of genetically engineered non-human primate models of brain function and neurological disorders. <i>American Journal of Primatology</i> , 2019, 81, e22931.	0.8	34
82	Neuroprotective Effects of MAGL (Monoacylglycerol Lipase) Inhibitors in Experimental Ischemic Stroke. <i>Stroke</i> , 2018, 49, 718-726.	1.0	31
83	BOLD fMRI and somatosensory evoked potentials are well correlated over a broad range of frequency content of somatosensory stimulation of the rat forepaw. <i>Brain Research</i> , 2008, 1195, 67-76.	1.1	28
84	In vivo visualization of reactive gliosis using manganese-enhanced magnetic resonance imaging. <i>NeuroImage</i> , 2010, 49, 3122-3131.	2.1	28
85	Rapid high-resolution three-dimensional mapping of T1 and age-dependent variations in the non-human primate brain using magnetization-prepared rapid gradient-echo (MPRAGE) sequence. <i>NeuroImage</i> , 2011, 56, 1154-1163.	2.1	27
86	Perivenular brain lesions in a primate multiple sclerosis model at 7-tesla magnetic resonance imaging. <i>Multiple Sclerosis Journal</i> , 2014, 20, 64-71.	1.4	25
87	Histology-Based Average Template of the Marmoset Cortex With Probabilistic Localization of Cytoarchitectural Areas. <i>NeuroImage</i> , 2021, 226, 117625.	2.1	25
88	Manganese-enhanced MRI visualizes V1 in the non-human primate visual cortex. <i>NMR in Biomedicine</i> , 2009, 22, 730-736.	1.6	24
89	The Stability of the Blood Oxygenation Level-Dependent Functional MRI Response to Motor Tasks Is Altered in Patients With Chronic Ischemic Stroke. <i>Stroke</i> , 2010, 41, 1921-1926.	1.0	24
90	Assessing Cerebrovascular Reactivity in Carotid Steno-Occlusive Disease Using MRI BOLD and ASL Techniques. <i>Radiology Research and Practice</i> , 2012, 2012, 1-10.	0.6	24

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91	Custom fit 3D-printed brain holders for comparison of histology with MRI in marmosets. <i>Journal of Neuroscience Methods</i> , 2016, 257, 55-63.	1.3	24
92	Manganese-enhanced magnetic resonance imaging detects mossy fiber sprouting in the pilocarpine model of epilepsy. <i>Epilepsia</i> , 2012, 53, 1225-1232.	2.6	23
93	Utilizing 3D Printing Technology to Merge MRI with Histology: A Protocol for Brain Sectioning. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	23
94	An open access resource for functional brain connectivity from fully awake marmosets. <i>NeuroImage</i> , 2022, 252, 119030.	2.1	23
95	Functional Connectivity Hubs and Networks in the Awake Marmoset Brain. <i>Frontiers in Integrative Neuroscience</i> , 2016, 10, 9.	1.0	22
96	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. <i>Neuron</i> , 2022, 110, 16-20.	3.8	22
97	Using manganese-enhanced MRI to understand BOLD. <i>NeuroImage</i> , 2012, 62, 1009-1013.	2.1	21
98	Functional magnetic resonance imaging of auditory cortical fields in awake marmosets. <i>NeuroImage</i> , 2017, 162, 86-92.	2.1	21
99	Manganese-enhanced magnetic resonance imaging (MEMRI) of rat brain after systemic administration of MnCl ₂ : Changes in T1 relaxation times during postnatal development. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 32-38.	1.9	20
100	Investigating the spatiotemporal characteristics of the deoxyhemoglobin-related and deoxyhemoglobin-unrelated functional hemodynamic response across cortical layers in awake marmosets. <i>NeuroImage</i> , 2018, 164, 121-130.	2.1	20
101	Hardware considerations for functional magnetic resonance imaging. <i>Concepts in Magnetic Resonance</i> , 2003, 16A, 35-49.	1.3	19
102	Design and implementation of embedded 8-channel receive-only arrays for whole-brain MRI and fMRI of conscious awake marmosets. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 387-398.	1.9	18
103	Investigation of the BOLD and CBV fMRI responses to somatosensory stimulation in awake marmosets (<i>Callithrix jacchus</i>). <i>NMR in Biomedicine</i> , 2018, 31, e3864.	1.6	18
104	Perfusion-based functional magnetic resonance imaging. <i>Concepts in Magnetic Resonance</i> , 2003, 16A, 16-27.	1.3	17
105	Traits of fear resistance and susceptibility in an advanced intercross line. <i>European Journal of Neuroscience</i> , 2013, 38, 3314-3324.	1.2	17
106	Impaired CBF regulation and high CBF threshold contribute to the increased sensitivity of spontaneously hypertensive rats to cerebral ischemia. <i>Neuroscience</i> , 2014, 269, 223-231.	1.1	17
107	Cannabis and Cannabinoid Biology in Stroke. <i>Stroke</i> , 2019, 50, 2640-2645.	1.0	17
108	Radial Echo-Planar Imaging. <i>Journal of Magnetic Resonance</i> , 1998, 135, 242-247.	1.2	16

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109	Manganese: a unique neuroimaging contrast agent. <i>Future Neurology</i> , 2007, 2, 297-305.	0.9	16
110	Simultaneous Glutamate and Perfusion fMRI Responses to Regional Brain Stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 1064-1070.	2.4	15
111	Spatial organization of occipital white matter tracts in the common marmoset. <i>Brain Structure and Function</i> , 2020, 225, 1313-1326.	1.2	14
112	Using non-invasive neuroimaging to enhance the care, well-being and experimental outcomes of laboratory non-human primates (monkeys). <i>NeuroImage</i> , 2021, 228, 117667.	2.1	13
113	Arterial spin labeling of cerebral perfusion territories using a separate labeling coil. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 970-977.	1.9	12
114	Perfusion-based fMRI: Insights from animal models. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 745-750.	1.9	11
115	High-field continuous arterial spin labeling with long labeling duration: Reduced confounds from blood transit time and postlabeling delay. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1557-1566.	1.9	10
116	Phenylephrine-induced hypertension during transient middle cerebral artery occlusion alleviates ischemic brain injury in spontaneously hypertensive rats. <i>Brain Research</i> , 2012, 1477, 83-91.	1.1	10
117	Direct Interhemispheric Cortical Communication via Thalamic Commissures: A New White-Matter Pathway in the Rodent Brain. <i>Cerebral Cortex</i> , 2021, 31, 4642-4651.	1.6	9
118	The spectrum of spinal cord lesions in a primate model of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020, 26, 284-293.	1.4	8
119	Long-distance aberrant heterotopic connectivity in a mouse strain with a high incidence of callosal anomalies. <i>NeuroImage</i> , 2020, 217, 116875.	2.1	8
120	Magnetic Resonance Imaging of Marmoset Monkeys. <i>ILAR Journal</i> , 2020, 61, 274-285.	1.8	8
121	Corpus callosum dysgenesis causes novel patterns of structural and functional brain connectivity. <i>Brain Communications</i> , 2021, 3, fcab057.	1.5	8
122	Arterial Spin Labeling Measurements of Cerebral Perfusion Territories in Experimental Ischemic Stroke. <i>Translational Stroke Research</i> , 2012, 3, 44-55.	2.3	7
123	Ultrahigh-resolution MRI Reveals Extensive Cortical Demyelination in a Nonhuman Primate Model of Multiple Sclerosis. <i>Cerebral Cortex</i> , 2021, 31, 439-447.	1.6	7
124	Dynamic Magnetic Resonance Imaging of Cerebral Blood Flow Using Arterial Spin Labeling. <i>Methods in Molecular Biology</i> , 2009, 489, 277-295.	0.4	5
125	Dynamic Interhemispheric Desynchronization in Marmosets and Humans With Disorders of the Corpus Callosum. <i>Frontiers in Neural Circuits</i> , 2020, 14, 612595.	1.4	4
126	The Brain Circuits and Dynamics of Curiosity-Driven Behavior in Naturally Curious Marmosets. <i>Cerebral Cortex</i> , 2021, 31, 4220-4232.	1.6	4

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127	Arterial spin labeling demonstrates that focal amygdalar glutamatergic agonist infusion leads to rapid diffuse cerebral activation. <i>Acta Neurologica Scandinavica</i> , 2010, 121, 209-216.	1.0	3
128	Pseudo-continuous arterial spin labeling technique for measuring CBF dynamics with high temporal resolution. , 1999, 42, 425.		3
129	An open transversez-gradient coil design for magnetic resonance imaging. <i>Review of Scientific Instruments</i> , 2002, 73, 2208-2210.	0.6	2
130	Rapid BOLD Attenuation in Stroke Patients Detected by a Parametric Analysis. <i>NeuroImage</i> , 2009, 47, S94.	2.1	2
131	Diffusion-weighted spin-echo fMRI at 9.4 T: Microvascular/tissue contribution to BOLD signal changes. , 1999, 42, 919.		2
132	In vivo detection of neuroarchitecture in the rodent brain using manganese-enhanced MRI. <i>NeuroImage</i> , 2004, 22, 1046-1046.	2.1	1
133	Manganese-Enhanced Magnetic Resonance Imaging: Applications to Preclinical Research*. , 2010, , 199-219.		1
134	Quantification of BOLD fMRI parameters to infer cerebrovascular reactivity of the middle cerebral artery. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1203-1209.	1.9	1
135	Contrast Agents in Functional Magnetic Resonance Imaging. , 2015, , 37-46.		1
136	Perfusion analysis using dynamic arterial spin labeling (DASL). , 1999, 41, 299.		1
137	MRI detection of regional blood flow using arterial spin labeling. , 2004, , 119-140.		0
138	Detection of regional blood flow using arterial spin labeling. , 0, , 94-112.		0
139	NO Production in Rat Brain â€œ Possible Nonenzymatic Pathways. <i>Free Radical Biology and Medicine</i> , 2012, 53, S185.	1.3	0
140	Visualizing Myeloarchitecture In Vivo with Magnetic Resonance Imaging in Common Marmosets (<i>Callithrix jacchus</i>). , 2013, , 221-237.		0
141	Animal Models in Functional Magnetic Resonance Imaging. , 2008, , 483-498.		0
142	Current Topics in Research, Care, and Welfare of Common Marmosets. <i>ILAR Journal</i> , 0, , .	1.8	0