Cornelius Faber

List of Publications by Year
in descending order

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Version: 2024-02-01

134 papers	3,811 citations	136950 32 h-index	175258 52 g-index
143 all docs	143 docs citations	143 times ranked	6100 citing authors

#	Article	IF	Citations
1	A Longitudinal PET/MRI Study of Colony-Stimulating Factor 1 Receptorâ€“Mediated Microglia Depletion in Experimental Stroke. Journal of Nuclear Medicine, 2022, 63, 446-452.	5.0	11
2	Fingerprints of Element Concentrations in Infective Endocarditis Obtained by Mass Spectrometric Imaging and t-Distributed Stochastic Neighbor Embedding. ACS Infectious Diseases, 2022, 8, 360-372.	3.8	5
3	Fiber-based lactate recordings with fluorescence resonance energy transfer sensors by applying an magnetic resonance-informed correction of hemodynamic artifacts. Neurophotonics, 2022, 9, 032212.	3.3	4
4	Ultrafast CEST line scanning as a method to quantify mutarotation kinetics. Journal of Magnetic Resonance, 2022, 342, 107270.	2.1	1
5	Functional Studies in Rodents. Neuromethods, 2021, , 237-250.	0.3	0
6	Acute stress reveals different impacts in male and female Zdhhc7-deficient mice. Brain Structure and Function, 2021, 226, 1613-1626.	2.3	3
7	Contribution of preclinical MRI to responsible animal research: living up to the 3R principle. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 469-474.	2.0	10
8	Brain microstructural changes in mice persist in adulthood and are modulated by the palmitoyl acyltransferase ZDHHC7. European Journal of Neuroscience, 2021, 54, 5951-5967.	2.6	9
9	Translational value of choroid plexus imaging for tracking neuroinflammation in mice and humans. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	62
10	Retrosplenial Cortex Contributes to Network Changes during Seizures in the GAERS Absence Epilepsy Rat Model. Cerebral Cortex Communications, 2021, 2, tgab023.	1.6	6
11	Host-pathogen interactions of clinical S. aureus isolates to induce infective endocarditis. Virulence, 2021, 12, 2073-2087.	4.4	9
12	<scp>CD8</scp>⁺ Tâ€Lymphocyteâ€“Driven Limbic Encephalitis Results in Temporal Lobe Epilepsy. Annals of Neurology, 2021, 89, 666-685.	5.3	18
13	Impact of hydroxytyrosol on stroke: tracking therapy response on neuroinflammation and cerebrovascular parameters using PET-MR imaging and on functional outcomes. Theranostics, 2021, 11, 4030-4049.	10.0	18
14	Combined resting state-fMRI and calcium recordings show stable brain states for task-induced fMRI in mice under combined ISO/MED anesthesia. NeuroImage, 2021, 245, 118626.	4.2	22
15	Resolving immune cells with patrolling behaviour by magnetic resonance time-lapse single cell tracking. EBioMedicine, 2021, 73, 103670.	6.1	5
16	Voxel-Based Analysis of the Relation of 3â€²-Deoxy-3â€²-[18F]fluorothymidine ([18F]FLT) PET and Diffusion-Weighted (DW) MR Signals in Subcutaneous Tumor Xenografts Does Not Reveal a Direct Spatial Relation of These Two Parameters. Molecular Imaging and Biology, 2021, , 1.	2.6	0
17	Imaging of root canal treatment using ultra high field 9.4T UTE-MRI â€“ a preliminary study. Dentomaxillofacial Radiology, 2020, 49, 20190183.	2.7	7
18	Development of a Stimulator for the Characterization of Mechanical-Evoked Pain-Related Supra-Spinal Processing Using BOLD-fMRI in Rodents. IEEE Transactions on Biomedical Engineering, 2020, 67, 1349-1356.	4.2	3

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19	Mass Spectrometry Imaging of atherosclerosis-affine Gadofluorine following Magnetic Resonance Imaging. Scientific Reports, 2020, 10, 79.	3.3	9
20	A cortical rat hemodynamic response function for improved detection of BOLD activation under common experimental conditions. NeuroImage, 2020, 208, 116446.	4.2	28
21	Tracking of Tumor Cellâ€“Derived Extracellular Vesicles In Vivo Reveals a Specific Distribution Pattern with Consecutive Biological Effects on Target Sites of Metastasis. Molecular Imaging and Biology, 2020, 22, 1501-1510.	2.6	13
22	A novel MRI compatible mouse fracture model to characterize and monitor bone regeneration and tissue composition. Scientific Reports, 2020, 10, 16238.	3.3	3
23	Myelination- and immune-mediated MR-based brain network correlates. Journal of Neuroinflammation, 2020, 17, 186.	7.2	12
24	Isolating Crucial Steps in Induction of Infective Endocarditis With Preclinical Modeling of Host Pathogen Interaction. Frontiers in Microbiology, 2020, 11, 1325.	3.5	11
25	Toward precise arterial input functions derived from DCEâ€MRI through a novel extracorporeal circulation approach in mice. Magnetic Resonance in Medicine, 2020, 84, 1404-1415.	3.0	6
26	Functional MRI Readouts From BOLD and Diffusion Measurements Differentially Respond to Optogenetic Activation and Tissue Heating. Frontiers in Neuroscience, 2019, 13, 1104.	2.8	106
27	Introducing Specificity to Iron Oxide Nanoparticle Imaging by Combining ⁵⁷Fe-Based MRI and Mass Spectrometry. Nano Letters, 2019, 19, 7908-7917.	9.1	26
28	Phenotypic analysis of Myo10 knockout (Myo10tm2/tm2) mice lacking full-length (motorized) but not brain-specific headless myosin X. Scientific Reports, 2019, 9, 597.	3.3	11
29	Probing activationâ€induced neurochemical changes using optogenetics combined with functional magnetic resonance spectroscopy: a feasibility study in the rat primary somatosensory cortex. Journal of Neurochemistry, 2019, 150, 402-419.	3.9	19
30	Deficiency of the palmitoyl acyltransferase ZDHHC7 impacts brain and behavior of mice in a sex-specific manner. Brain Structure and Function, 2019, 224, 2213-2230.	2.3	12
31	Functionalization of Clinically Approved MRI Contrast Agents for the Delivery of VEGF. Bioconjugate Chemistry, 2019, 30, 1042-1047.	3.6	10
32	Anesthesia differentially modulates neuronal and vascular contributions to the BOLD signal. NeuroImage, 2019, 195, 89-103.	4.2	37
33	Endothelial EphB4 maintains vascular integrity and transport function in adult heart. ELife, 2019, 8, .	6.0	38
34	Thymidine Metabolism as a Confounding Factor for 3â€²-Deoxy-3â€²-¹⁸F-Fluorothymidine Uptake After Therapy in a Colorectal Cancer Model. Journal of Nuclear Medicine, 2018, 59, 1063-1069.	5.0	5
35	S. aureus endocarditis: Clinical aspects and experimental approaches. International Journal of Medical Microbiology, 2018, 308, 640-652.	3.6	43
36	Dumbo octopod hatchling provides insight into early cirrate life cycle. Current Biology, 2018, 28, R144-R145.	3.9	13

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37	Deficiency of the BMP Type I receptor ALK3 partly protects mice from anemia of inflammation. BMC Physiology, 2018, 18, 3.	3.6	5
38	Line scanning fMRI reveals earlier onset of optogenetically evoked BOLD response in rat somatosensory cortex as compared to sensory stimulation. NeuroImage, 2018, 164, 144-154.	4.2	37
39	Multimodal Functional Neuroimaging by Simultaneous BOLD fMRI and Fiber-Optic Calcium Recordings and Optogenetic Control. Molecular Imaging and Biology, 2018, 20, 171-182.	2.6	44
40	Temporal window for detection of inflammatory disease using dynamic cell tracking with time-lapse MRI. Scientific Reports, 2018, 8, 9563.	3.3	13
41	Defining mechanisms of neural plasticity after brainstem ischemia in rats. Annals of Neurology, 2018, 83, 1003-1015.	5.3	6
42	Molecular imaging of myocardial infarction with Gadofluorine P â€“ A combined magnetic resonance and mass spectrometry imaging approach. Heliyon, 2018, 4, e00606.	3.2	12
43	True and apparent optogenetic <scp>BOLD</scp><scp>fMRI</scp> signals. Magnetic Resonance in Medicine, 2017, 77, 126-136.	3.0	38
44	Combined PET Imaging of the Inflammatory Tumor Microenvironment Identifies Margins of Unique Radiotracer Uptake. Cancer Research, 2017, 77, 1831-1841.	0.9	69
45	Diabetic db/db mice do not develop heart failure upon pressure overload: a longitudinal in vivo PET, MRI, and MRS study on cardiac metabolic, structural, and functional adaptations. Cardiovascular Research, 2017, 113, 1148-1160.	3.8	41
46	True and apparent optogenetic BOLD fMRI signals. Magnetic Resonance in Medicine, 2017, 77, C1.	3.0	2
47	Investigating the Lymphatic System by Dual-Color Elemental Mass Spectrometry Imaging. Contrast Media and Molecular Imaging, 2017, 2017, 1-8.	0.8	0
48	Cortex-wide BOLD fMRI activity reflects locally-recorded slow oscillation-associated calcium waves. ELife, 2017, 6, .	6.0	85
49	Remote magnetic targeting of iron oxide nanoparticles for cardiovascular diagnosis and therapeutic drug delivery: where are we now?. International Journal of Nanomedicine, 2016, Volume 11, 3191-3203.	6.7	54
50	Quantification of Manganese Enhanced Magnetic Resonance Imaging based on Spatially Resolved Elemental Mass Spectrometry. ChemistrySelect, 2016, 1, 264-266.	1.5	6
51	6â€hydroxydopamineâ€induced Parkinson's diseaseâ€like degeneration generates acute microgliosis and astrogliosis in the nigrostriatal system but no bioluminescence imagingâ€detectable alteration in adult neurogenesis. European Journal of Neuroscience, 2016, 43, 1352-1365.	2.6	28
52	Performance of MRS in metabolic profiling of the lumbar spinal cord in rat and mice. Magnetic Resonance Imaging, 2016, 34, 1155-1160.	1.8	4
53	Assessment of the myelin water fraction in rodent spinal cord using T2-prepared ultrashort echo time MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 875-884.	2.0	1
54	Melanocortin-1 receptor activation is neuroprotective in mouse models of neuroinflammatory disease. Science Translational Medicine, 2016, 8, 362ra146.	12.4	48

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55	Gemcitabine Mechanism of Action Confounds Early Assessment of Treatment Response by 3â€²-Deoxy-3â€²-[18F]Fluorothymidine in Preclinical Models of Lung Cancer. Cancer Research, 2016, 76, 7096-7105.	0.9	13
56	Assessing sensory versus optogenetic network activation by combining (o)fMRI with optical Ca²⁺ recordings. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1885-1900.	4.3	70
57	Neuroimaging of a minipig model of Huntington's disease: Feasibility of volumetric, diffusion-weighted and spectroscopic assessments. Journal of Neuroscience Methods, 2016, 265, 46-55.	2.5	18
58	Mechanistic interrogation of combination bevacizumab/dual PI3K/mTOR inhibitor response in glioblastoma implementing novel MR and PET imaging biomarkers. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1673-1683.	6.4	13
59	Characterization of incisional and inflammatory pain in rats using functional tools of MRI. NeuroImage, 2016, 127, 110-122.	4.2	33
60	Comparative morphology and phylogenetic significance of Gregoryâ€™s diverticulum in sand dollars (Echinoidea: Clypeasteroida). Organisms Diversity and Evolution, 2016, 16, 141-166.	1.6	14
61	Chapter 1 Pulse Sequence Considerations and Schemes. , 2016, , 1-28.		6
62	C15â€…Standard brain template and multi-atlas based segmentation of tghd minipig brain. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A32.1-A32.	1.9	0
63	Correction of MRIâ€induced geometric distortions in wholeâ€body small animal PETâ€MRI. Medical Physics, 2015, 42, 3848-3858.	3.0	1
64	Apparent diffusion coefficient is highly reproducible on preclinical imaging systems: Evidence from a sevenâ€center multivendor study. Journal of Magnetic Resonance Imaging, 2015, 42, 1759-1764.	3.4	15
65	Multimodal Imaging Reveals Temporal and Spatial Microglia and Matrix Metalloproteinase Activity after Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1711-1721.	4.3	62
66	Elemental Bioimaging of Thulium in Mouse Tissues by Laser Ablation-ICPMS as a Complementary Method to Heteronuclear Proton Magnetic Resonance Imaging for Cell Tracking Experiments. Analytical Chemistry, 2015, 87, 4225-4230.	6.5	28
67	Focal MMP-2 and MMP-9 Activity at the Blood-Brain Barrier Promotes Chemokine-Induced Leukocyte Migration. Cell Reports, 2015, 10, 1040-1054.	6.4	160
68	External targeted navigation of ultra-small iron-oxide (U/SPIO) nanoparticles by an external permanent magnet - proof-of-principle as a prerequisite for magnetic drug delivery using U/SPIO. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P72.	3.3	0
69	A dataset comprising 141 magnetic resonance imaging scans of 98 extant sea urchin species. GigaScience, 2014, 3, 21.	6.4	12
70	C12 Volumetry of Nucleus Caudatus, Lateral Ventricles and Cerebrum of Founder and Second Generation Libechov Transgenic HD Minipigs. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, A29-A29.	1.9	0
71	Highly Shifted Proton MR Imaging: Cell Tracking by Using Direct Detection of Paramagnetic Compounds. Radiology, 2014, 272, 785-795.	7.3	30
72	Variability of Proliferation and Diffusion in Different Lung Cancer Models as Measured by 3â€²-Deoxy-3â€²-¹⁸F-Fluorothymidine PET and Diffusion-Weighted MR Imaging. Journal of Nuclear Medicine, 2014, 55, 983-988.	5.0	21

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73	ECM stiffness regulates glial migration in Drosophila and mammalian glioma models. Development (Cambridge), 2014, 141, 3233-3242.	2.5	66
74	Distortion correction of MR data in whole-body small animal PET-MR using 3D thin-plate splines. EJNMMI Physics, 2014, 1, A89.	2.7	0
75	Magnetic resonance imaging characterization of microbial infections. Journal of Pharmaceutical and Biomedical Analysis, 2014, 93, 136-146.	2.8	25
76	C13 Mr-based Stereotaxic Standard Brain Atlas Of The LibÂchov Minipig. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, A29-A29.	1.9	0
77	C14 Striatal Magnetic Resonance Spectroscopy of Transgenic HD Minipigs. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, A29-A30.	1.9	0
78	MRI Visualization of Staphyloccocus aureus-Induced Infective Endocarditis in Mice. PLoS ONE, 2014, 9, e107179.	2.5	34
79	Boosting ¹⁹F MRIâ€"SNR efficient detection of paramagnetic contrast agents using ultrafast sequences. Magnetic Resonance in Medicine, 2013, 69, 1056-1062.	3.0	65
80	Bacteria tracking by in vivo magnetic resonance imaging. BMC Biology, 2013, 11, 63.	3.8	53
81	Cardiac-respiratory self-gated cine ultra-short echo time (UTE) cardiovascular magnetic resonance for assessment of functional cardiac parameters at high magnetic fields. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 59.	3.3	35
82	4-Aminopyridine ameliorates mobility but not disease course in an animal model of multiple sclerosis. Experimental Neurology, 2013, 248, 62-71.	4.1	22
83	A dynamic thorax phantom for the assessment of cardiac and respiratory motion correction in PET/MRI: A preliminary evaluation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 702, 59-63.	1.6	32
84	The songbird syrinx morphome: a three-dimensional, high-resolution, interactive morphological map of the zebra finch vocal organ. BMC Biology, 2013, 11, 1.	3.8	142
85	Reduced deactivation in reward circuitry and midline structures during emotion processing in borderline personality disorder. World Journal of Biological Psychiatry, 2013, 14, 45-56.	2.6	39
86	In vivo visualization of single native pancreatic islets in the mouse. Contrast Media and Molecular Imaging, 2013, 8, 495-504.	0.8	10
87	Ewing sarcoma dissemination and response to T-cell therapy in mice assessed by whole-body magnetic resonance imaging. British Journal of Cancer, 2013, 109, 658-666.	6.4	23
88	Early Assessment of the Efficacy of Temozolomide Chemotherapy in Experimental Glioblastoma Using [18F]FLT-PET Imaging. PLoS ONE, 2013, 8, e67911.	2.5	32
89	Abstract 3978: Assessment of therapeutic responses of disseminated Ewing sarcoma xenografts to adoptive therapy with chimeric receptor gene-modified T cells in mice by whole body magnetic resonance imaging.. , 2013, , .		0
90	A Novel Mouse Model of Staphylococcus aureus Chronic Osteomyelitis That Closely Mimics the Human Infection. American Journal of Pathology, 2012, 181, 1206-1214.	3.8	107

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91	C01â€…TRACK-TGHD MINIPIGâ€"introduction of a longitudinal tgHD minipig phenotyping study using MRI, motor and cognitive endpoints. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, A15.2-A15.	1.9	0
92	Early detection of lung inflammation: Exploiting T₁â€effects of iron oxide particles using UTE MRI. Magnetic Resonance in Medicine, 2012, 68, 1924-1931.	3.0	40
93	Evolution of a Novel Muscle Design in Sea Urchins (Echinodermata: Echinoidea). PLoS ONE, 2012, 7, e37520.	2.5	22
94	Personality Functioning and the Cortical Midline Structures â€" An Exploratory fMRI Study. PLoS ONE, 2012, 7, e49956.	2.5	22
95	Collagen IV-derived peptide binds hydrophobic cavity of Legionella pneumophila Mip and interferes with bacterial epithelial transmigration. Cellular Microbiology, 2011, 13, 1558-1572.	2.1	21
96	Application of magnetic resonance imaging in zoology. Zoomorphology, 2011, 130, 227-254.	0.8	60
97	Effectively incorporating selected multimedia content into medical publications. BMC Medicine, 2011, 9, 17.	5.5	37
98	Basic Contrast Mechanisms. Methods in Molecular Biology, 2011, 771, 45-67.	0.9	0
99	NMR Separation of Intra- and Extracellular Compounds Based on Intermolecular Coherences. Biophysical Journal, 2010, 99, 2336-2343.	0.5	11
100	Quantitative in vivo 1H spectroscopic imaging of metabolites in the early postnatal mouse brain at 17.6 T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2009, 22, 53-62.	2.0	17
101	Comparative morphology of the axial complex and interdependence of internal organ systems in sea urchins (Echinodermata: Echinoidea). Frontiers in Zoology, 2009, 6, 10.	2.0	32
102	Detergent-Like Activity and Î±-Helical Structure of Warnericin RK, an Anti-Legionella Peptide. Biophysical Journal, 2009, 97, 1933-1940.	0.5	23
103	Solution structure of the Legionella pneumophila Mip-rapamycin complex. BMC Structural Biology, 2008, 8, 17.	2.3	35
104	Systematic comparison and reconstruction of sea urchin (Echinoidea) internal anatomy: a novel approach using magnetic resonance imaging. BMC Biology, 2008, 6, 33.	3.8	58
105	BOLD imaging in the mouse brain using a turboCRAZED sequence at high magnetic fields. Magnetic Resonance in Medicine, 2008, 60, 850-859.	3.0	16
106	Localized intermolecular zeroâ€quantum coherence spectroscopy in vivo. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2008, 32A, 117-133.	0.5	19
107	Assessment of the Inhibitory Potency of Antibiotics by MRI. , 2008, , 437-448.		0
108	Intermolecular zero-quantum coherence NMR spectroscopy in the presence of local dipole fields. Journal of Chemical Physics, 2008, 128, 154522.	3.0	15

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109	Spin State of Chloroquine-Heme Complexes: Formation of a Hemin Tetramer Adduct. The Open Spectroscopy Journal, 2008, 2, 10-18.	1.0	11
110	Resolution Enhancement in In Vivo NMR Spectroscopy. Annual Reports on NMR Spectroscopy, 2007, 61, 1-50.	1.5	11
111	The Novel Antimalarial Compound Dioncophylline C Forms a Complex with Heme in Solution. ChemMedChem, 2007, 2, 541-548.	3.2	22
112	Gradient-echo and CRAZED imaging for minute detection of Alzheimer plaques in an APPV717I Ã— ADAM10-dn mouse model. Magnetic Resonance in Medicine, 2007, 57, 696-703.	3.0	37
113	In vivo intermolecular zero-quantum coherence MR spectroscopy in the rat spinal cord at 17.6ÂT: a feasibility study. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2007, 20, 183-191.	2.0	20
114	Domain Motions of the Mip Protein fromLegionella pneumophilaâ€,â€¡. Biochemistry, 2006, 45, 12303-12311.	2.5	26
115	Sensitivity to local dipole fields in the CRAZED experiment: An approach to bright spot MRI. Journal of Magnetic Resonance, 2006, 182, 315-324.	2.1	33
116	Assessment of inhibitory potency of antibiotics by MRI: apparent T 2 as a marker of cell growth. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2006, 19, 247-255.	2.0	3
117	The promotion of oriented axonal regrowth in the injured spinal cord by alginate-based anisotropic capillary hydrogels. Biomaterials, 2006, 27, 3560-9.	11.4	285
118	Transmit-receive coil-arrays at 17.6T, configurations for1H,23Na, and31P MRI. Concepts in Magnetic Resonance Part B, 2006, 29B, 20-27.	0.7	19
119	In vivo quantitative three-dimensional motion mapping of the murine myocardium with PC-MRI at 17.6 T. Magnetic Resonance in Medicine, 2006, 55, 1058-1064.	3.0	31
120	Spatially localized intermolecular zero-quantum coherence spectroscopy for in vivo applications. Magnetic Resonance in Medicine, 2006, 56, 745-753.	3.0	31
121	The head morphology of Ascioplaga mimeta (Coleoptera: Archostemata) and the phylogeny of Archostemata. European Journal of Entomology, 2006, 103, 409-423.	1.2	23
122	In vivo high-resolution MR imaging of neuropathologic changes in the injured rat spinal cord. American Journal of Neuroradiology, 2006, 27, 598-604.	2.4	34
123	Tracking of Stem Cells in the CNS by Molecular Magnetic Resonance Imaging (MRI). The Neuroradiology Journal, 2005, 18, 437-449.	0.1	0
124	Solvent-localized NMR spectroscopy using the distant dipolar field: A method for NMR separations with a single gradient. Journal of Magnetic Resonance, 2005, 176, 120-124.	2.1	20
125	Letter to the Editor: 1H, 13C, 15N backbone and sidechain resonance assignment of Mip(77?213) the PPIase domain of the Legionella pneumophila Mip protein. Journal of Biomolecular NMR, 2005, 31, 77-78.	2.8	7
126	In vivo detection limits of magnetically labeled embryonic stem cells in the rat brain using high-field (17.6 T) magnetic resonance imaging. NeuroImage, 2005, 24, 635-645.	4.2	112

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127	23Na microscopy of the mouse heart in vivo using density-weighted chemical shift imaging. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2004, 17, 196-200.	2.0	21
128	High-resolution MR imaging of the rat spinal cord in vivo in a wide-bore magnet at 17.6 Tesla. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2004, 17, 353-358.	2.0	28
129	Solvent suppression in liquid state NMR with selective intermolecular zero-quantum coherences. Chemical Physics Letters, 2004, 393, 464-469.	2.6	46
130	The impact of lipid distribution, composition and mobility on xylem water refilling of the resurrection plant Myrothamnus flabellifolia. New Phytologist, 2003, 159, 487-505.	7.3	50
131	Resolution enhancement in in vivo NMR spectroscopy: detection of intermolecular zero-quantum coherences. Journal of Magnetic Resonance, 2003, 161, 265-274.	2.1	44
132	The Structure of the Coliphage HK022 Nun Protein-Î»-phage boxB RNA Complex. Journal of Biological Chemistry, 2001, 276, 32064-32070.	3.4	25
133	Structural Rearrangements of HIV-1 Tat-responsive RNA upon Binding of Neomycin B. Journal of Biological Chemistry, 2000, 275, 20660-20666.	3.4	131
134	Secondary Structure and Tertiary Fold of the Birch Pollen Allergen Bet v 1 in Solution. Journal of Biological Chemistry, 1996, 271, 19243-19250.	3.4	28