

# Emmanuel Barbier

## List of Publications by Year in descending order

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128  
papers

4,858  
citations

94433

37  
h-index

106344

65  
g-index

149  
all docs

149  
docs citations

149  
times ranked

6407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Overview of Brain Perfusion Imaging Techniques. <i>Stroke</i> , 2005, 36, e83-99.	2.0	397
2	Methodology of brain perfusion imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 496-520.	3.4	361
3	Ultrasmall Rigid Particles as Multimodal Probes for Medical Applications. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12299-12303.	13.8	156
4	Imaging cortical anatomy by high-resolution MR at 3.0T: Detection of the stripe of Gennari in visual area 17. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 735-738.	3.0	151
5	Preferential Effect of Synchrotron Microbeam Radiation Therapy on Intracerebral 9L Gliosarcoma Vascular Networks. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, 1503-1512.	0.8	149
6	Comparative overview of brain perfusion imaging techniques. <i>Journal of Neuroradiology</i> , 2005, 32, 294-314.	1.1	141
7	Intravenous Administration of <sup>99m</sup> Tc-HMPAO-Labeled Human Mesenchymal Stem Cells after Stroke: In Vivo Imaging and Biodistribution. <i>Cell Transplantation</i> , 2009, 18, 1369-1379.	2.5	138
8	Gadolinium-Based Nanoparticles and Radiation Therapy for Multiple Brain Melanoma Metastases: Proof of Concept before Phase I Trial. <i>Theranostics</i> , 2016, 6, 418-427.	10.0	134
9	Comparative Overview of Brain Perfusion Imaging Techniques. <i>Stroke</i> , 2005, 36, 2032-2033.	2.0	112
10	Assessment of blood volume, vessel size, and the expression of angiogenic factors in two rat glioma models: a longitudinal <i>in vivo</i> and <i>ex vivo</i> study. <i>NMR in Biomedicine</i> , 2008, 21, 1043-1056.	2.8	98
11	Cell-Permeable Ln(III) Chelate-Functionalized InP Quantum Dots As Multimodal Imaging Agents. <i>ACS Nano</i> , 2011, 5, 8193-8201.	14.6	87
12	AGuIX <sup>®</sup> from bench to bedside—Transfer of an ultrasmall theranostic gadolinium-based nanoparticle to clinical medicine. <i>British Journal of Radiology</i> , 2019, 92, 20180365.	2.2	86
13	High-Precision Radiosurgical Dose Delivery by Interlaced Microbeam Arrays of High-Flux Low-Energy Synchrotron X-Rays. <i>PLoS ONE</i> , 2010, 5, e9028.	2.5	79
14	Synchrotron microbeam radiation therapy induces hypoxia in intracerebral gliosarcoma but not in the normal brain. <i>Radiotherapy and Oncology</i> , 2013, 108, 143-148.	0.6	78
15	Impaired fMRI activation in patients with primary brain tumors. <i>NeuroImage</i> , 2010, 52, 538-548.	4.2	76
16	Brain tumor vessel response to synchrotron microbeam radiation therapy: a short-term <i>in vivo</i> study. <i>Physics in Medicine and Biology</i> , 2008, 53, 3609-3622.	3.0	72
17	Evaluation of a quantitative blood oxygenation level-dependent (qBOLD) approach to map local blood oxygen saturation. <i>NMR in Biomedicine</i> , 2011, 24, 393-403.	2.8	72
18	Is T2* Enough to Assess Oxygenation? Quantitative Blood Oxygen Level-Dependent Analysis in Brain Tumor. <i>Radiology</i> , 2012, 262, 495-502.	7.3	72

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19	Cell-Based therapy for traumatic brain injury. <i>British Journal of Anaesthesia</i> , 2015, 115, 203-212.	3.4	72
20	Targeting brain metastases with ultrasmall theranostic nanoparticles, a first-in-human trial from an MRI perspective. <i>Science Advances</i> , 2020, 6, eaay5279.	10.3	70
21	Perfusion imaging using dynamic arterial spin labeling (DASL). <i>Magnetic Resonance in Medicine</i> , 2001, 45, 1021-1029.	3.0	69
22	In vivo MRI tracking of exogenous monocytes/macrophages targeting brain tumors in a rat model of glioma. <i>NeuroImage</i> , 2008, 40, 973-983.	4.2	67
23	Characterization of Tumor Angiogenesis in Rat Brain Using Iron-Based Vessel Size Index MRI in Combination with Gadolinium-Based Dynamic Contrast-Enhanced MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1714-1726.	4.3	65
24	In vivo imaging of vessel diameter, size, and density: A comparative study between MRI and histology. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 18-26.	3.0	59
25	Microtubule-associated protein 6 mediates neuronal connectivity through Semaphorin 3E-dependent signalling for axonal growth. <i>Nature Communications</i> , 2015, 6, 7246.	12.8	57
26	In vivo MRI tracking of exogenous monocytes/macrophages targeting brain tumors in a rat model of glioma. <i>NeuroImage</i> , 2007, 37, S47-S58.	4.2	55
27	Monochromatic Minibeams Radiotherapy: From Healthy Tissue-Sparing Effect Studies Toward First Experimental Glioma Bearing Rats Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, e693-e700.	0.8	51
28	Imaging the microvessel caliber and density: Principles and applications of microvascular MRI. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 325-341.	3.0	51
29	MRI-guided clinical 6-MV radiosensitization of glioma using a unique gadolinium-based nanoparticles injection. <i>Nanomedicine</i> , 2016, 11, 2405-2417.	3.3	51
30	A model of the dual effect of gadopentetate dimeglumine on dynamic brain MR images. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 242-253.	3.4	49
31	PO2 Matters in Stem Cell Culture. <i>Cell Stem Cell</i> , 2009, 5, 242-243.	11.1	49
32	Monitoring Blood-Brain Barrier Status in a Rat Model of Glioma Receiving Therapy: Dual Injection of Low-Molecular-Weight and Macromolecular MR Contrast Media. <i>Radiology</i> , 2010, 257, 342-352.	7.3	48
33	Artificial intelligence to predict clinical disability in patients with multiple sclerosis using FLAIR MRI. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 795-802.	3.2	46
34	An MRI-based classification scheme to predict passive access of 5 to 50-nm large nanoparticles to tumors. <i>Scientific Reports</i> , 2016, 6, 21417.	3.3	44
35	Defective tubulin detyrosination causes structural brain abnormalities with cognitive deficiency in humans and mice. <i>Human Molecular Genetics</i> , 2019, 28, 3391-3405.	2.9	43
36	Perfusion analysis using dynamic arterial spin labeling (DASL). <i>Magnetic Resonance in Medicine</i> , 1999, 41, 299-308.	3.0	42

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37	Tissue Oxygen Saturation Mapping with Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1550-1557.	4.3	42
38	Permeability of Brain Tumor Vessels Induced by Uniform or Spatially Microfractionated Synchrotron Radiation Therapies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 1174-1182.	0.8	41
39	Microvascular Plasticity After Experimental Stroke: A Molecular and MRI Study. <i>Cerebrovascular Diseases</i> , 2014, 38, 344-353.	1.7	39
40	A pericyteâ€glia scarring develops at the leaky capillaries in the hippocampus during seizure activity. <i>Epilepsia</i> , 2019, 60, 1399-1411.	5.1	37
41	Focal brain ischemia in rat: acute changes in brain tissueT1 reflect acute increase in brain tissue water content. <i>NMR in Biomedicine</i> , 2005, 18, 499-506.	2.8	36
42	Fully Automatic Lesion Localization and Characterization: Application to Brain Tumors Using Multiparametric Quantitative MRI Data. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1678-1689.	8.9	36
43	Assessment of multiparametric MRI in a human glioma model to monitor cytotoxic and antiâ€angiogenic drug effects. <i>NMR in Biomedicine</i> , 2011, 24, 473-482.	2.8	35
44	Neuronal transport defects of the MAP6 KO mouse â€ a model of schizophrenia â€ and alleviation by Epothilone D treatment, as observed using MEMRI. <i>NeuroImage</i> , 2014, 96, 133-142.	4.2	33
45	Magnetic Resonance Imaging and Fluorescence Labeling of Clinical-Grade Mesenchymal Stem Cells Without Impacting Their Phenotype: Study in a Rat Model of Stroke. <i>Stem Cells Translational Medicine</i> , 2012, 1, 333-340.	3.3	32
46	Erythropoietin and Its Derivates Modulate Mitochondrial Dysfunction after Diffuse Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1625-1633.	3.4	32
47	Intracerebral injection of human mesenchymal stem cells impacts cerebral microvasculature after experimental stroke: MRI study. <i>NMR in Biomedicine</i> , 2012, 25, 1340-1348.	2.8	31
48	MR Vascular Fingerprinting in Stroke and Brain Tumors Models. <i>Scientific Reports</i> , 2016, 6, 37071.	3.3	31
49	Reduced brain edema and functional deficits after treatment of diffuse traumatic brain injury by carbamylated erythropoietin derivative*. <i>Critical Care Medicine</i> , 2011, 39, 2099-2105.	0.9	30
50	Quantitative MR estimates of blood oxygenation based on $T_2^*$ : A numerical study of the impact of model assumptions. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1458-1468.	3.0	29
51	Interpulse phase corrections for unbalanced pseudoâ€continuous arterial spin labeling at high magnetic field. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1314-1324.	3.0	29
52	Cerebrovascular heterogeneity and neuronal excitability. <i>Neuroscience Letters</i> , 2018, 667, 75-83.	2.1	28
53	Transit time mapping in the mouse brain using timeâ€encoded pCASL. <i>NMR in Biomedicine</i> , 2018, 31, e3855.	2.8	28
54	Neurogliovascular dysfunction in a model of repeated traumatic brain injury. <i>Theranostics</i> , 2018, 8, 4824-4836.	10.0	28

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55	Improvedk-space trajectory measurement with signal shifting. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 200-205.	3.0	27
56	The Impact of Erythropoietin on Short-Term Changes in Phosphorylation of Brain Protein Kinases in a Rat Model of Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 361-369.	4.3	27
57	NG2-expressing glial precursor cells are a new potential oligodendrogloma cell initiating population in N -ethyl- N -nitrosourea-induced gliomagenesis. <i>Carcinogenesis</i> , 2010, 31, 1718-1725.	2.8	27
58	Evaluation of the Relationship between MR Estimates of Blood Oxygen Saturation and Hypoxia: Effect of an Antiangiogenic Treatment on a Gliosarcoma Model. <i>Radiology</i> , 2012, 265, 743-752.	7.3	27
59	Vessel size index measurements in a rat model of glioma: comparison of the dynamic (Gd) and steadyâ€state (ironâ€oxide) susceptibility contrast MRI approaches. <i>NMR in Biomedicine</i> , 2012, 25, 218-226.	2.8	26
60	Changes in Brain Tissue Oxygenation After Treatment of Diffuse Traumatic Brain Injury by Erythropoietin*. <i>Critical Care Medicine</i> , 2013, 41, 1316-1324.	0.9	26
61	Mathematical Modelling of an Ischemic Stroke: An Integrative Approach. <i>Acta Biotheoretica</i> , 2004, 52, 255-272.	1.5	25
62	Reduced CMRO <sub>2</sub> and cerebrovascular reserve in patients with severe intracranial arterial stenosis: A combined multiparametric qBOLD oxygenation and BOLD fMRI study. <i>Human Brain Mapping</i> , 2015, 36, 695-706.	3.6	24
63	A model of blood-brain barrier permeability to water: Accounting for blood inflow and longitudinal relaxation effects. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 1100-1109.	3.0	23
64	Microvascular MRI and Unsupervised Clustering Yields Histology-Resembling Images in Two Rat Models of Glioma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1354-1362.	4.3	23
65	A Simulation Tool for Dynamic Contrast Enhanced MRI. <i>PLoS ONE</i> , 2013, 8, e57636.	2.5	23
66	Intravenous Injection of Clinical Grade Human MSCs after Experimental Stroke: Functional Benefit and Microvascular Effect. <i>Cell Transplantation</i> , 2016, 25, 2157-2171.	2.5	22
67	Ultrasmlal theranostic gadolinium-based nanoparticles improve high-grade rat glioma survival. <i>Journal of Clinical Neuroscience</i> , 2019, 67, 215-219.	1.5	22
68	Bloodâ€brain barrier permeability to manganese and to Gdâ€DOTA in a rat model of transient cerebral ischaemia. <i>NMR in Biomedicine</i> , 2008, 21, 427-436.	2.8	21
69	Manganese enhanced MRI in rat hippocampus: A correlative study with synchrotron X-ray microprobe. <i>NeuroImage</i> , 2013, 64, 10-18.	4.2	21
70	Comparison of strategies for monitoring and treating patients at the early phase of severe traumatic brain injury: the multicentre randomised controlled OXY-TC trial study protocol. <i>BMJ Open</i> , 2020, 10, e040550.	1.9	21
71	Distribution and Radiosensitizing Effect of Cholesterol-Coupled Dbait Molecule in Rat Model of Glioblastoma. <i>PLoS ONE</i> , 2012, 7, e40567.	2.5	21
72	Hypertonic sodium lactate reverses brain oxygenation and metabolism dysfunction after traumatic brain injury. <i>British Journal of Anaesthesia</i> , 2018, 120, 1295-1303.	3.4	19

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73	Imaging of brain oxygenation with magnetic resonance imaging: A validation with positron emission tomography in the healthy and tumoural brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2584-2597.	4.3	18
74	Impact of manganese on primary hippocampal neurons from rodents. <i>Hippocampus</i> , 2014, 24, 598-610.	1.9	17
75	Radial Echo-Planar Imaging. <i>Journal of Magnetic Resonance</i> , 1998, 135, 242-247.	2.1	16
76	Simultaneous Glutamate and Perfusion fMRI Responses to Regional Brain Stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 1064-1070.	4.3	15
77	A low temperature embedding and section registration strategy for 3D image reconstruction of the rat brain from autoradiographic sections. <i>Journal of Neuroscience Methods</i> , 2006, 158, 242-250.	2.5	14
78	The Ammonium-Induced Increase in Rat Brain Lactate Concentration is Rapid and Reversible and is Compatible with Trafficking and Signaling Roles for Ammonium. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1830-1840.	4.3	14
79	Anomalous water dynamics in brain: a combined diffusion magnetic resonance imaging and neutron scattering investigation. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190186.	3.4	14
80	Mannitol Improves Brain Tissue Oxygenation in a Model of Diffuse Traumatic Brain Injury*. <i>Critical Care Medicine</i> , 2015, 43, 2212-2218.	0.9	13
81	Functional connectivity is preserved but reorganized across several anesthetic regimes. <i>NeuroImage</i> , 2020, 219, 116945.	4.2	13
82	In vivo $^{13}\text{C}$ -aminobutyric acid increase as a biomarker of the epileptogenic zone: An unbiased metabolomics approach. <i>Epilepsia</i> , 2021, 62, 163-175.	5.1	12
83	A metabolic biomarker predicts Parkinson's disease at the early stages in patients and animal models. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	12
84	A Multicenter Preclinical MRI Study: Definition of Rat Brain Relaxometry Reference Maps. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 22.	2.5	11
85	Brain metabolism in tau and amyloid mouse models of Alzheimer's disease: An MRI study. <i>NMR in Biomedicine</i> , 2021, 34, e4568.	2.8	11
86	Contribution of CT-Scan Analysis by Artificial Intelligence to the Clinical Care of TBI Patients. <i>Frontiers in Neurology</i> , 2021, 12, 666875.	2.4	11
87	Neural Parameters Estimation for Brain Tumor Growth Modeling. <i>Lecture Notes in Computer Science</i> , 2019, , 787-795.	1.3	11
88	High-resolution relaxometry-based calibrated fMRI in murine brain: Metabolic differences between awake and anesthetized states. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 811-825.	4.3	11
89	Brain networks of rats under anesthesia using resting-state fMRI: comparison with dead rats, random noise and generative models of networks. <i>Journal of Neural Engineering</i> , 2020, 17, 045012.	3.5	10
90	Multiparametric MRI as an early biomarker of individual therapy effects during concomitant treatment of brain tumours. <i>NMR in Biomedicine</i> , 2015, 28, 1163-1173.	2.8	9

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91	Locomotion and eating behavior changes in Yucatan minipigs after unilateral radio-induced ablation of the caudate nucleus. <i>Scientific Reports</i> , 2019, 9, 17082.	3.3	9
92	Monochromatic minibeam radiotherapy: theoretical and experimental dosimetry for preclinical treatment plans. <i>Physics in Medicine and Biology</i> , 2011, 56, 4465-4480.	3.0	8
93	The three glioma rat models C6, F98 and RG2 exhibit different metabolic profiles: in vivo 1H MRS and ex vivo 1H HRMAS combined with multivariate statistics. <i>Metabolomics</i> , 2015, 11, 1834-1847.	3.0	8
94	Neurovascular multiparametric MRI defines epileptogenic and seizure propagation regions in experimental mesiotemporal lobe epilepsy. <i>Epilepsia</i> , 2021, 62, 1244-1255.	5.1	8
95	Impact of tissue T <sub>1</sub> on perfusion measurement with arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1656-1664.	3.0	7
96	Evaluation of Parametric Response Mapping to Assess Therapeutic Response to Human Mesenchymal Stem Cells after Experimental Stroke. <i>Cell Transplantation</i> , 2017, 26, 1462-1471.	2.5	7
97	Multiparametric magnetic resonance imaging including oxygenation mapping of experimental ischaemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2196-2207.	4.3	7
98	Dynamical properties of water in living cells. <i>Frontiers of Physics</i> , 2018, 13, 1.	5.0	7
99	Optimized cervical spinal cord perfusion MRI after traumatic injury in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098239.	4.3	7
100	Impact of manganese on the hippocampus metabolism in the context of MEMRI: a proton HRMAS MRS study. <i>Toxicology Research</i> , 2015, 4, 376-384.	2.1	6
101	Cluster versus ROI analysis to assess combined antiangiogenic therapy and radiotherapy in the F98 rat glioma model. <i>NMR in Biomedicine</i> , 2018, 31, e3933.	2.8	6
102	MP3: Medical Software for Processing Multi-Parametric Images Pipelines. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 594799.	2.5	6
103	T2*-weighted perfusion MRI. <i>Diagnostic and Interventional Imaging</i> , 2013, 94, 1205-1209.	3.2	5
104	Vascular permeability in the RG2 glioma model can be mediated by macropinocytosis and be independent of the opening of the tight junction. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1264-1275.	4.3	5
105	Brain lateralization probed by water diffusion at the atomic to micrometric scale. <i>Scientific Reports</i> , 2019, 9, 14694.	3.3	5
106	Bayesian Inverse Regression for Vascular Magnetic Resonance Fingerprinting. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1827-1837.	8.9	5
107	3D Spatial Distribution of Nanoparticles in Mice Brain Metastases by X-ray Phase-Contrast Tomography. <i>Frontiers in Oncology</i> , 2021, 11, 554668.	2.8	5
108	SAR comparison between CASL and pCASL at high magnetic field and evaluation of the benefit of a dedicated labeling coil. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 254-261.	3.0	4

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109	Mapping of brain tissue hematocrit in glioma and acute stroke using a dual autoradiography approach. <i>Scientific Reports</i> , 2018, 8, 9878.	3.3	3
110	MRI Assessment of Oxygen Metabolism and Hemodynamic Status in Symptomatic Intracranial Atherosclerotic Stenosis: A Pilot Study. <i>Journal of Neuroimaging</i> , 2019, 29, 467-475.	2.0	3
111	Hypertonic Sodium Lactate to Alleviate Functional Deficits Following Diffuse Traumatic Brain Injury: An Osmotic or a Lactate-Related Effect?. <i>Neurocritical Care</i> , 2021, 34, 795-803.	2.4	3
112	Component Elimination Strategies to Fit Mixtures of Multiple Scale Distributions. <i>Communications in Computer and Information Science</i> , 2019, , 81-95.	0.5	3
113	Editorial: APPNING: Animal Population Imaging. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 676603.	2.5	1
114	Perfusion analysis using dynamic arterial spin labeling (DASL). <i>Magnetic Resonance in Medicine</i> , 1999, 41, 299-308.	3.0	1
115	Spatially resolved imaging methods to probe metals in the brain: from subcellular to organ level. , 2012, , 211-222.		1
116	Traumatic Brain Lesion Quantification Based on Mean Diffusivity Changes. <i>Lecture Notes in Computer Science</i> , 2018, , 88-99.	1.3	1
117	Brain, Head, and Neck. , 2008, , 169-533.		1
118	VPS35 deficiency in the embryonic cortex leads to prenatal cell loss and abnormal development of axonal connectivity. <i>Molecular and Cellular Neurosciences</i> , 2022, 120, 103726.	2.2	1
119	Cohort Creation and Visualization Using Graph Model in the PREDIMED Health Data Warehouse. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 108-112.	0.3	1
120	Evaluation of tumor response to carmustin and sorafenib with magnetic resonance imaging in orthotopic human glioblastoma models xenografted in nude rats. <i>European Journal of Cancer, Supplement</i> , 2008, 6, 28.	2.2	0
121	ThÃ©rapie cellulaire dans le traumatisme cÃ©rÃ©bral aiguÃ©: espoirs et limites. <i>AnesthÃ©sie &amp; RÃ©animation</i> , 2015, 1, 554-555.	0.1	0
122	Parametric response map (prm) is a promising tool for the monitoring of post traumatic cerebral oedema. <i>Intensive Care Medicine Experimental</i> , 2015, 3, .	1.9	0
123	Evaluation of Cerebral Blood Flow and Brain Metabolism in the Intensive Care Unit. , 2018, , 327-338.		0
124	Manganese Cytotoxicity Assay on Hippocampal Neuronal Cell Culture. <i>Bio-protocol</i> , 2015, 5, .	0.4	0
125	Evaluation of parametric response mapping to assess therapeutic response to human mesenchymal stem cells after experimental stroke. <i>Cell Transplantation</i> , 2017, , .	2.5	0
126	Other MRI Approaches to Perfusion Imaging (ASL, DSC, DCE). , 2018, , 31-66.		0



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127	Automated Quantification of Brain Lesion Volume From Post-trauma MR Diffusion-Weighted Images. <i>Frontiers in Neurology</i> , 2021, 12, 740603.	2.4	0
128	A model of the dual effect of gadopentetate dimeglumine on dynamic brain MR images. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 242-253.	3.4	0