

# Marcus E Raichle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3280349/publications.pdf>

Version: 2024-02-01

142  
papers

50,361  
citations

10986

71  
h-index

17592

121  
g-index

157  
all docs

157  
docs citations

157  
times ranked

33329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Gradient Echo MRI Identifies Dark Matter as a New Imaging Biomarker of Neurodegeneration that Precedes Tissue Atrophy in Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 905-924.	2.6	3
2	Peripheral sensory stimulation elicits global slow waves by recruiting somatosensory cortex bilaterally. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	4
3	Cingulo-opercular control network and disused motor circuits joined in standby mode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
4	Global waves synchronize the brain's functional systems with fluctuating arousal. <i>Science Advances</i> , 2021, 7, .	10.3	110
5	Parallel hippocampal-parietal circuits for self- and goal-oriented processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
6	The Role of the Human Brain Neuron-Glia-Synapse Composition in Forming Resting-State Functional Connectivity Networks. <i>Brain Sciences</i> , 2021, 11, 1565.	2.3	6
7	Organization of Propagated Intrinsic Brain Activity in Individual Humans. <i>Cerebral Cortex</i> , 2020, 30, 1716-1734.	2.9	48
8	Spatiotemporal relationship between subthreshold amyloid accumulation and aerobic glycolysis in the human brain. <i>Neurobiology of Aging</i> , 2020, 96, 165-175.	3.1	13
9	Hierarchical dynamics as a macroscopic organizing principle of the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20890-20897.	7.1	139
10	Probabilistic flow in brain-wide activity. <i>NeuroImage</i> , 2020, 223, 117321.	4.2	4
11	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. <i>Neuron</i> , 2020, 107, 580-589.e6.	8.1	114
12	Local Perturbations of Cortical Excitability Propagate Differentially Through Large-Scale Functional Networks. <i>Cerebral Cortex</i> , 2020, 30, 3352-3369.	2.9	20
13	Individual-specific functional connectivity of the amygdala: A substrate for precision psychiatry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3808-3818.	7.1	96
14	Electrically coupled inhibitory interneurons constrain long-range connectivity of cortical networks. <i>NeuroImage</i> , 2020, 215, 116810.	4.2	11
15	Human non-REM sleep and the mean global BOLD signal. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2210-2222.	4.3	20
16	Persistent metabolic youth in the aging female brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3251-3255.	7.1	133
17	Reply to Biskup et al. and Tu et al.: Sex differences in metabolic brain aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10634-10635.	7.1	7
18	On time delay estimation and sampling error in resting-state fMRI. <i>NeuroImage</i> , 2019, 194, 211-227.	4.2	39

#	ARTICLE	IF	CITATIONS
19	Tau PET in autosomal dominant Alzheimer's disease: relationship with cognition, dementia and other biomarkers. <i>Brain</i> , 2019, 142, 1063-1076.	7.6	122
20	[131] PIB BINDING TOPOGRAPHY BEST CORRELATES WITH YOUNG ADULT GLYCOLYSIS. <i>Alzheimer's and Dementia</i> , 2019, 15, P108.	0.8	0
21	Quantitative positron emission tomography reveals regional differences in aerobic glycolysis within the human brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2096-2102.	4.3	13
22	Resting state signal latency predicts laterality in pediatric medically refractory temporal lobe epilepsy. <i>Child's Nervous System</i> , 2018, 34, 901-910.	1.1	22
23	Spatial patterns of neuroimaging biomarker change in individuals from families with autosomal dominant Alzheimer's disease: a longitudinal study. <i>Lancet Neurology</i> , The, 2018, 17, 241-250.	10.2	383
24	Principles of cross-network communication in human resting state <scp>fMRI</scp>. <i>Scandinavian Journal of Psychology</i> , 2018, 59, 83-90.	1.5	21
25	Spontaneous Infra-slow Brain Activity Has Unique Spatiotemporal Dynamics and Laminar Structure. <i>Neuron</i> , 2018, 98, 297-305.e6.	8.1	152
26	Aerobic glycolysis and tau deposition in preclinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 67, 95-98.	3.1	73
27	Predicting Violent Behavior: What Can Neuroscience Add?. <i>Trends in Cognitive Sciences</i> , 2018, 22, 111-123.	7.8	56
28	A systematic meta-analysis of oxygen-to-glucose and oxygen-to-carbohydrate ratios in the resting human brain. <i>PLoS ONE</i> , 2018, 13, e0204242.	2.5	13
29	Genetically defined cellular correlates of the baseline brain MRI signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9727-E9736.	7.1	43
30	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	8.1	201
31	Brain Nutrition: A Life Span Approach. <i>Annual Review of Nutrition</i> , 2018, 38, 381-399.	10.1	31
32	Mapping visual dominance in human sleep. <i>NeuroImage</i> , 2017, 150, 250-261.	4.2	9
33	In vivo detection of microstructural correlates of brain pathology in preclinical and early Alzheimer Disease with magnetic resonance imaging. <i>NeuroImage</i> , 2017, 148, 296-304.	4.2	52
34	Visual experience sculpts whole-cortex spontaneous infraslow activity patterns through an Arc-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9952-E9961.	7.1	13
35	Loss of Brain Aerobic Glycolysis in Normal Human Aging. <i>Cell Metabolism</i> , 2017, 26, 353-360.e3.	16.2	228
36	[157]: CLINICAL RISK RELATED TO CEREBRAL MICROHEMORRHAGES IN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE: LONGITUDINAL RESULTS FROM THE DIAN STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P47.	0.8	0

#	ARTICLE	IF	CITATIONS
37	On the role of the corpus callosum in interhemispheric functional connectivity in humans. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13278-13283.	7.1	176
38	Quantitative hemodynamic PET imaging using image-derived arterial input function and a PET/MR hybrid scanner. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1435-1446.	4.3	19
39	[P2â€“372]: UTILITY OF PERFUSION PET MODELS AS MEASURES OF NEURODEGENERATION IN AN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE POPULATION: REPORT FROM THE DIAN STUDY. Alzheimer's and Dementia, 2017, 13, P768.	0.8	0
40	[ICâ€“Pâ€“054]: EXAMINING LONGITUDINAL NEUROIMAGING PATTERNS IN AUTOSOMAL DOMINANT ALZHEIMER DISEASE: RESULTS FROM THE DOMINANTLY INHERITED ALZHEIMER NETWORK. Alzheimer's and Dementia, 2017, 13, P44.	0.8	0
41	[ICâ€“Pâ€“064]: BRAIN AEROBIC GLYCOLYSIS AND AD PATHOLOGY BIOMARKERS IN AUTOSOMAL DOMINANT AD. Alzheimer's and Dementia, 2017, 13, P53.	0.8	0
42	[ICâ€“Pâ€“166]: UTILITY OF PERFUSION PET MODELS AS MEASURE OF NEURODEGENERATION IN AN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE POPULATION: REPORT FROM THE DIAN STUDY. Alzheimer's and Dementia, 2017, 13, P125.	0.8	0
43	[ICâ€“Pâ€“205]: BRAIN AEROBIC GLYCOLYSIS AND TAU DEPOSITION WITH [18F]â€“AVâ€“1451 PET. Alzheimer's and Dementia, 2017, 13, P149.	0.8	0
44	[P1â€“402]: BRAIN AEROBIC GLYCOLYSIS AND AD PATHOLOGY BIOMARKERS IN AUTOSOMAL DOMINANT AD. Alzheimer's and Dementia, 2017, 13, P427.	0.8	0
45	[O1â€“02â€“03]: EXAMINING LONGITUDINAL NEUROIMAGING PATTERNS IN AUTOSOMAL DOMINANT ALZHEIMER DISEASE: FINDINGS FROM THE DOMINANTLY INHERITED ALZHEIMER NETWORK. Alzheimer's and Dementia, 2017, 13, P186.	0.8	0
46	[O3â€“09â€“05]: BRAIN AEROBIC GLYCOLYSIS AND TAU DEPOSITION WITH [18F]â€“AVâ€“1451 PET. Alzheimer's and Dementia, 2017, 13, P922.	0.8	0
47	[O1â€“02â€“04]: CLINICAL RISK RELATED TO CEREBRAL MICROHEMORRHAGES IN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE: LONGITUDINAL RESULTS FROM THE DIAN STUDY. Alzheimer's and Dementia, 2017, 13, P186.	0.8	0
48	Resting-state fMRI in sleeping infants more closely resembles adult sleep than adult wakefulness. PLoS ONE, 2017, 12, e0188122.	2.5	51
49	Oxygen Level and LFP in Task-Positive and Task-Negative Areas: Bridging BOLD fMRI and Electrophysiology. Cerebral Cortex, 2016, 26, 346-357.	2.9	41
50	Brain aerobic glycolysis and motor adaptation learning. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3782-91.	7.1	62
51	How networks communicate: propagation patterns in spontaneous brain activity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150546.	4.0	112
52	Human corticalâ€“hippocampal dialogue in wake and slow-wave sleep. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6868-E6876.	7.1	98
53	Unmasking Language Lateralization in Human Brain Intrinsic Activity. Cerebral Cortex, 2016, 26, 1733-1746.	2.9	46
54	IC-P-051: Amyloid load increase and cerebral microbleed prevalence differ as a function of the position of the mutation within the PSEN1 coding sequence. , 2015, 11, P41-P41.		0

#	ARTICLE	IF	CITATIONS
55	P2-138: Early frame of PiB and FDG in autosomal dominant Alzheimer's disease: Similarity, discrepancy, and clinical implication. , 2015, 11, P538-P538.		0
56	IC-P-052: Comparison of cerebral glucose metabolism 18 F-FDG, early frames of 11 C-PiB, and cerebral blood flow 15 O-H2 O in autosomal dominant Alzheimer's disease. , 2015, 11, P41-P41.		0
57	P3-175: The ilp: A new tool for evaluating preclinical Alzheimer's disease using volumetric MRI in a single participant. , 2015, 11, P697-P697.		0
58	IC-P-100: The ILP: A new tool for evaluating preclinical Alzheimer's disease using volumetric MRI in a single participant. , 2015, 11, P68-P68.		1
59	IC-03-02: Early frame of PiB and FDG in autosomal dominant Alzheimer's disease: Similarity, discrepancy, and clinical implication. , 2015, 11, P8-P9.		0
60	On the existence of a generalized non-specific task-dependent network. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 430.	2.0	153
61	Quantitative Amyloid Imaging Using Image-Derived Arterial Input Function. <i>PLoS ONE</i> , 2015, 10, e0122920.	2.5	30
62	Aerobic Glycolysis as a Marker of Tumor Aggressiveness: Preliminary Data in High Grade Human Brain Tumors. <i>Disease Markers</i> , 2015, 2015, 1-11.	1.3	25
63	Lag threads organize the brain's intrinsic activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2235-44.	7.1	168
64	The restless brain: how intrinsic activity organizes brain function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140172.	4.0	313
65	Feeding the brain and nurturing the mind: Linking nutrition and the gut microbiota to brain development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14105-14112.	7.1	114
66	P3-132: Comparison of cerebral glucose metabolism 18 F-FDG, early frames of 11 C-PiB, and cerebral blood flow 15 O-H2 O in autosomal dominant Alzheimer's disease. , 2015, 11, P674-P674.		0
67	O2-01-03: Amyloid load increase and cerebral microbleed prevalence differ as a function of the position of the mutation within the PSEN1 coding sequence. , 2015, 11, P172-P172.		0
68	O5-06-06: Age-related decreases in tracer influx rate measured with PiB PET. , 2015, 11, P330-P330.		0
69	Functional connectivity arises from a slow rhythmic mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2527-35.	7.1	57
70	Brain aerobic glycolysis functions and Alzheimer's disease. <i>Clinical and Translational Imaging</i> , 2015, 3, 27-37.	2.1	71
71	The Brain's Default Mode Network. <i>Annual Review of Neuroscience</i> , 2015, 38, 433-447.	10.7	2,749
72	Partial volume correction in quantitative amyloid imaging. <i>NeuroImage</i> , 2015, 107, 55-64.	4.2	188

#	ARTICLE	IF	CITATIONS
73	Propagated infra-slow intrinsic brain activity reorganizes across wake and slow wave sleep. <i>ELife</i> , 2015, 4, .	6.0	104
74	Law and neuroscience: recommendations submitted to the President's Bioethics Commission. <i>Journal of Law and the Biosciences</i> , 2014, 1, 224-236.	1.6	7
75	Functional Connectivity in Autosomal Dominant and Late-Onset Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 1111.	9.0	112
76	Trends and properties of human cerebral cortex: Correlations with cortical myelin content. <i>NeuroImage</i> , 2014, 93, 165-175.	4.2	369
77	Aerobic Glycolysis in the Human Brain Is Associated with Development and Neotenus Gene Expression. <i>Cell Metabolism</i> , 2014, 19, 49-57.	16.2	305
78	IC-O1-02: Are early atrophy patterns in autosomal dominant familial Alzheimer's disease gene-dependent?. , 2013, 9, P3-P4.		0
79	The Restless Brain. <i>Brain Connectivity</i> , 2011, 1, 3-12.	1.7	563
80	The Brain's Dark Energy. <i>Scientific American</i> , 2010, 302, 44-49.	1.0	136
81	Noninvasive Functional and Structural Connectivity Mapping of the Human Thalamocortical System. <i>Cerebral Cortex</i> , 2010, 20, 1187-1194.	2.9	327
82	The Temporal Structures and Functional Significance of Scale-free Brain Activity. <i>Neuron</i> , 2010, 66, 353-369.	8.1	831
83	Two views of brain function. <i>Trends in Cognitive Sciences</i> , 2010, 14, 180-190.	7.8	916
84	A Paradigm Shift in Functional Brain Imaging. <i>Journal of Neuroscience</i> , 2009, 29, 12729-12734.	3.6	235
85	Chapter 18 The origins of functional brain imaging in humans. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2009, 95, 257-268.	1.8	6
86	A brief history of human brain mapping. <i>Trends in Neurosciences</i> , 2009, 32, 118-126.	8.6	209
87	Evidence for a Frontoparietal Control System Revealed by Intrinsic Functional Connectivity. <i>Journal of Neurophysiology</i> , 2008, 100, 3328-3342.	1.8	1,627
88	Resting States Affect Spontaneous BOLD Oscillations in Sensory and Paralimbic Cortex. <i>Journal of Neurophysiology</i> , 2008, 100, 922-931.	1.8	109
89	Intrinsic Fluctuations within Cortical Systems Account for Intertrial Variability in Human Behavior. <i>Neuron</i> , 2007, 56, 171-184.	8.1	731
90	Distinct brain networks for adaptive and stable task control in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11073-11078.	7.1	2,290

#	ARTICLE	IF	CITATIONS
91	A default mode of brain function: A brief history of an evolving idea. <i>NeuroImage</i> , 2007, 37, 1083-1090.	4.2	1,887
92	Spontaneous fluctuations in brain activity observed with functional magnetic resonance imaging. <i>Nature Reviews Neuroscience</i> , 2007, 8, 700-711.	10.2	5,936
93	Spontaneous neuronal activity distinguishes human dorsal and ventral attention systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10046-10051.	7.1	1,843
94	BRAIN WORK AND BRAIN IMAGING. <i>Annual Review of Neuroscience</i> , 2006, 29, 449-476.	10.7	1,393
95	Coherent Spontaneous Activity Identifies a Hippocampal-Parietal Memory Network. <i>Journal of Neurophysiology</i> , 2006, 96, 3517-3531.	1.8	924
96	Neuroscience. The brain's dark energy. <i>Science</i> , 2006, 314, 1249-50.	12.6	317
97	The Brain's Dark Energy. <i>Science</i> , 2006, 314, 1249-1250.	12.6	49
98	Intrinsic brain activity sets the stage for expression of motivated behavior. <i>Journal of Comparative Neurology</i> , 2005, 493, 167-176.	1.6	201
99	Transient BOLD responses at block transitions. <i>NeuroImage</i> , 2005, 28, 956-966.	4.2	109
100	The human brain is intrinsically organized into dynamic, anticorrelated functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9673-9678.	7.1	7,496
101	Functional Brain Imaging and Human Brain Function. <i>Journal of Neuroscience</i> , 2003, 23, 3959-3962.	3.6	102
102	Appraising the brain's energy budget. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10237-10239.	7.1	598
103	Human brain activity time-locked to perceptual event boundaries. <i>Nature Neuroscience</i> , 2001, 4, 651-655.	14.8	462
104	Bold insights. <i>Nature</i> , 2001, 412, 128-130.	27.8	109
105	Searching for a baseline: Functional imaging and the resting human brain. <i>Nature Reviews Neuroscience</i> , 2001, 2, 685-694.	10.2	2,994
106	The Emotional Modulation of Cognitive Processing: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 157-170.	2.3	167
107	Modern Phrenology: Maps of Human Cortical Function. <i>Annals of the New York Academy of Sciences</i> , 1999, 882, 107-118.	3.8	34
108	Increased Functional Vascular Response in the Region of a Glioma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 148-153.	4.3	31

#	ARTICLE	IF	CITATIONS
109	Functional MRI studies of word-stem completion: Reliability across laboratories and comparison to blood flow imaging with PET. <i>Human Brain Mapping</i> , 1998, 6, 203-215.	3.6	116
110	Homonuclear J coupling effects in volume localized NMR spectroscopy: Pitfalls and solutions. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 169-178.	3.0	92
111	Common Blood Flow Changes across Visual Tasks: I. Increases in Subcortical Structures and Cerebellum but Not in Nonvisual Cortex. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 624-647.	2.3	176
112	Anatomic Localization and Quantitative Analysis of Gradient Refocused Echo-Planar fMRI Susceptibility Artifacts. <i>NeuroImage</i> , 1997, 6, 156-167.	4.2	624
113	Common Blood Flow Changes across Visual Tasks: II. Decreases in Cerebral Cortex. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 648-663.	2.3	1,690
114	Subgenual prefrontal cortex abnormalities in mood disorders. <i>Nature</i> , 1997, 386, 824-827.	27.8	2,502
115	Searching for activations that generalize over tasks. , 1997, 5, 317-322.		68
116	PrÃ©cis of Images of Mind. <i>Behavioral and Brain Sciences</i> , 1995, 18, 327-339.	0.7	44
117	Interaction of method and theory in cognitive neuroscience. <i>Behavioral and Brain Sciences</i> , 1995, 18, 372-383.	0.7	2
118	Blood flow changes in human somatosensory cortex during anticipated stimulation. <i>Nature</i> , 1995, 373, 249-252.	27.8	294
119	The scratchpad of the mind. <i>Nature</i> , 1993, 363, 583-584.	27.8	72
120	Regional Correction of Positron Emission Tomography Data for the Effects of Cerebral Atrophy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1988, 8, 662-670.	4.3	85
121	Brain Blood Volume, Flow, and Oxygen Utilization Measured with <sup>15</sup> O Radiotracers and Positron Emission Tomography: Revised Metabolic Computations. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1987, 7, 513-516.	4.3	85
122	Tracer-Kinetic Models for Measuring Cerebral Blood Flow Using Externally Detected Radiotracers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1987, 7, 443-463.	4.3	100
123	In vitro or in vivo receptor binding: Where does the truth lie?. <i>Annals of Neurology</i> , 1986, 19, 384-385.	5.3	24
124	Correction of Positron Emission Tomography Data for Cerebral Atrophy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1986, 6, 120-124.	4.3	82
125	Mapping human visual cortex with positron emission tomography. <i>Nature</i> , 1986, 323, 806-809.	27.8	413
126	Positron emission tomography in the asphyxiated term newborn: Parasagittal impairment of cerebral blood flow. <i>Annals of Neurology</i> , 1985, 17, 287-296.	5.3	153

#	ARTICLE	IF	CITATIONS
127	Stimulus rate determines regional brain blood flow in striate cortex. <i>Annals of Neurology</i> , 1985, 17, 303-305.	5.3	227
128	A focal brain abnormality in panic disorder, a severe form of anxiety. <i>Nature</i> , 1984, 310, 683-685.	27.8	315
129	A quantitative model for the in vivo assessment of drug binding sites with positron emission tomography. <i>Annals of Neurology</i> , 1984, 15, 217-227.	5.3	897
130	Pure hemidystonia with basal ganglion abnormalities on positron emission tomography. <i>Annals of Neurology</i> , 1984, 15, 228-233.	5.3	78
131	Dynamic cerebral positron emission tomographic studies. <i>Annals of Neurology</i> , 1984, 15, 46-47.	5.3	3
132	Dynamic measurements of local blood flow and metabolism in the study of higher cortical function in humans with positron emission tomography. <i>Annals of Neurology</i> , 1984, 15, 48-49.	5.3	21
133	[18F]spiroperidol: A radiopharmaceutical for the in vivo study of the dopamine receptor. <i>Annals of Neurology</i> , 1984, 15, 77-78.	5.3	8
134	Parkinson's disease: Metabolic and pharmacological approaches with positron emission tomography. <i>Annals of Neurology</i> , 1984, 15, 131-132.	5.3	13
135	Physiological responses to focal cerebral ischemia in humans. <i>Annals of Neurology</i> , 1984, 16, 546-552.	5.3	267
136	The pathophysiology of brain ischemia. <i>Annals of Neurology</i> , 1983, 13, 2-10.	5.3	629
137	Cerebellar blood flow and metabolism in cerebral hemisphere infarction. <i>Annals of Neurology</i> , 1983, 14, 168-176.	5.3	172
138	An Intravenous Technique for the Measurement of Cerebral Vascular Extraction Fraction in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1982, 2, 187-196.	4.3	14
139	Cerebral hemodynamics and metabolism in postoperative cerebral vasospasm and treatment with hypertensive therapy. <i>Annals of Neurology</i> , 1981, 9, 502-506.	5.3	28
140	Measurement of regional cerebral blood volume by emission tomography. <i>Annals of Neurology</i> , 1978, 4, 322-328.	5.3	154
141	Evidence of the Limitations of Water as a Freely Diffusible Tracer in Brain of the Rhesus Monkey. <i>Circulation Research</i> , 1974, 35, 358-364.	4.5	262
142	The Effects of Iodinated Contrast Agents on Autoregulation of Cerebral Blood Flow. <i>Stroke</i> , 1974, 5, 155-160.	2.0	30