

Anders M Dale

List of Publications by Year in descending order

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Version: 2024-02-01

521
papers

120,785
citations

256

142
h-index

171

321
g-index

575
all docs

575
docs citations

575
times ranked

65501
citing authors

#	ARTICLE	IF	CITATIONS
1	An automated labeling system for subdividing the human cerebral cortex on MRI scans into gyral based regions of interest. <i>NeuroImage</i> , 2006, 31, 968-980.	4.2	10,125
2	Cortical Surface-Based Analysis. <i>NeuroImage</i> , 1999, 9, 179-194.	4.2	9,194
3	Whole Brain Segmentation. <i>Neuron</i> , 2002, 33, 341-355.	8.1	7,404
4	Cortical Surface-Based Analysis. <i>NeuroImage</i> , 1999, 9, 195-207.	4.2	5,599
5	Measuring the thickness of the human cerebral cortex from magnetic resonance images. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 11050-11055.	7.1	4,968
6	High-resolution intersubject averaging and a coordinate system for the cortical surface. <i>Human Brain Mapping</i> , 1999, 8, 272-284.	3.6	2,757
7	The Alzheimer's disease neuroimaging initiative (ADNI): MRI methods. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 685-691.	3.4	2,553
8	Borders of multiple visual areas in humans revealed by functional magnetic resonance imaging. <i>Science</i> , 1995, 268, 889-893.	12.6	2,447
9	A hybrid approach to the skull stripping problem in MRI. <i>NeuroImage</i> , 2004, 22, 1060-1075.	4.2	1,893
10	Sequence-independent segmentation of magnetic resonance images. <i>NeuroImage</i> , 2004, 23, S69-S84.	4.2	1,858
11	Improved Localization of Cortical Activity by Combining EEG and MEG with MRI Cortical Surface Reconstruction: A Linear Approach. <i>Journal of Cognitive Neuroscience</i> , 1993, 5, 162-176.	2.3	1,811
12	Dynamic Statistical Parametric Mapping. <i>Neuron</i> , 2000, 26, 55-67.	8.1	1,540
13	Automated manifold surgery: constructing geometrically accurate and topologically correct models of the human cerebral cortex. <i>IEEE Transactions on Medical Imaging</i> , 2001, 20, 70-80.	8.9	1,509
14	Building Memories: Remembering and Forgetting of Verbal Experiences as Predicted by Brain Activity. <i>Science</i> , 1998, 281, 1188-1191.	12.6	1,446
15	Top-down facilitation of visual recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 449-454.	7.1	1,372
16	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 43-54.	4.0	1,282
17	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019, 51, 793-803.	21.4	1,191
18	Dorsal anterior cingulate cortex: A role in reward-based decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 523-528.	7.1	986

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19	Family income, parental education and brain structure in children and adolescents. <i>Nature Neuroscience</i> , 2015, 18, 773-778.	14.8	979
20	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	28.9	935
21	Selective averaging of rapidly presented individual trials using fMRI. <i>Human Brain Mapping</i> , 1997, 5, 329-340.	3.6	921
22	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2016, 21, 547-553.	7.9	820
23	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
24	Age-related alterations in white matter microstructure measured by diffusion tensor imaging. <i>Neurobiology of Aging</i> , 2005, 26, 1215-1227.	3.1	751
25	Functional Analysis of V3A and Related Areas in Human Visual Cortex. <i>Journal of Neuroscience</i> , 1997, 17, 7060-7078.	3.6	742
26	The Retinotopy of Visual Spatial Attention. <i>Neuron</i> , 1998, 21, 1409-1422.	8.1	639
27	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021, 53, 817-829.	21.4	629
28	Visual motion aftereffect in human cortical area MT revealed by functional magnetic resonance imaging. <i>Nature</i> , 1995, 375, 139-141.	27.8	627
29	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	1.3	627
30	Functional MRI reveals spatially specific attentional modulation in human primary visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 1663-1668.	7.1	618
31	Analysis of five chronic inflammatory diseases identifies 27 new associations and highlights disease-specific patterns at shared loci. <i>Nature Genetics</i> , 2016, 48, 510-518.	21.4	617
32	What is normal in normal aging? Effects of aging, amyloid and Alzheimer's disease on the cerebral cortex and the hippocampus. <i>Progress in Neurobiology</i> , 2014, 117, 20-40.	5.7	608
33	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
34	Functional-Anatomic Correlates of Object Priming in Humans Revealed by Rapid Presentation Event-Related fMRI. <i>Neuron</i> , 1998, 20, 285-296.	8.1	592
35	One-Year Brain Atrophy Evident in Healthy Aging. <i>Journal of Neuroscience</i> , 2009, 29, 15223-15231.	3.6	561
36	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 932-942.	7.9	558

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37	Effects of age on volumes of cortex, white matter and subcortical structures. <i>Neurobiology of Aging</i> , 2005, 26, 1261-1270.	3.1	552
38	Stochastic Designs in Event-Related fMRI. <i>NeuroImage</i> , 1999, 10, 607-619.	4.2	546
39	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
40	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
41	Medial temporal lobe function and structure in mild cognitive impairment. <i>Annals of Neurology</i> , 2004, 56, 27-35.	5.3	482
42	Randomized event-related experimental designs allow for extremely rapid presentation rates using functional MRI. <i>NeuroReport</i> , 1998, 9, 3735-3739.	1.2	479
43	Retinotopy and color sensitivity in human visual cortical area V8. <i>Nature Neuroscience</i> , 1998, 1, 235-241.	14.8	476
44	Event-related functional MRI: Past, present, and future. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 773-780.	7.1	458
45	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
46	Consistent neuroanatomical age-related volume differences across multiple samples. <i>Neurobiology of Aging</i> , 2011, 32, 916-932.	3.1	437
47	Spatiotemporal Dynamics of Modality-Specific and Supramodal Word Processing. <i>Neuron</i> , 2003, 38, 487-497.	8.1	424
48	Improved Detection of Common Variants Associated with Schizophrenia by Leveraging Pleiotropy with Cardiovascular-Disease Risk Factors. <i>American Journal of Human Genetics</i> , 2013, 92, 197-209.	6.2	422
49	Cortical Mechanisms Specific to Explicit Visual Object Recognition. <i>Neuron</i> , 2001, 29, 529-535.	8.1	421
50	Functional analysis of primary visual cortex (V1) in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 811-817.	7.1	415
51	Cortical Thickness and Subcortical Volumes in Schizophrenia and Bipolar Disorder. <i>Biological Psychiatry</i> , 2010, 68, 41-50.	1.3	406
52	The Representation of Illusory and Real Contours in Human Cortical Visual Areas Revealed by Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 1999, 19, 8560-8572.	3.6	402
53	Efficient correction of inhomogeneous static magnetic field-induced distortion in Echo Planar Imaging. <i>NeuroImage</i> , 2010, 50, 175-183.	4.2	402
54	Subcortical volumetric abnormalities in bipolar disorder. <i>Molecular Psychiatry</i> , 2016, 21, 1710-1716.	7.9	400

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55	Human posterior auditory cortex gates novel sounds to consciousness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6809-6814.	7.1	395
56	Conductivity tensor mapping of the human brain using diffusion tensor MRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 11697-11701.	7.1	386
57	N400-like Magnetoencephalography Responses Modulated by Semantic Context, Word Frequency, and Lexical Class in Sentences. <i>NeuroImage</i> , 2002, 17, 1101-1116.	4.2	375
58	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019, 10, 4558.	12.8	363
59	Coupling of Total Hemoglobin Concentration, Oxygenation, and Neural Activity in Rat Somatosensory Cortex. <i>Neuron</i> , 2003, 39, 353-359.	8.1	360
60	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	358
61	Heritability of brain ventricle volume: Converging evidence from inconsistent results. <i>Neurobiology of Aging</i> , 2012, 33, 1-8.	3.1	351
62	Genome-wide analyses for personality traits identify six genomic loci and show correlations with psychiatric disorders. <i>Nature Genetics</i> , 2017, 49, 152-156.	21.4	350
63	Clinical findings and white matter abnormalities seen on diffusion tensor imaging in adolescents with very low birth weight. <i>Brain</i> , 2007, 130, 654-666.	7.6	346
64	Late Onset of Anterior Prefrontal Activity during True and False Recognition: An Event-Related fMRI Study. <i>NeuroImage</i> , 1997, 6, 259-269.	4.2	345
65	Suppressed Neuronal Activity and Concurrent Arteriolar Vasoconstriction May Explain Negative Blood Oxygenation Level-Dependent Signal. <i>Journal of Neuroscience</i> , 2007, 27, 4452-4459.	3.6	345
66	Spatiotemporal imaging of human brain activity using functional MRI constrained magnetoencephalography data: Monte Carlo simulations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8945-8950.	7.1	344
67	Dense genotyping of immune-related disease regions identifies nine new risk loci for primary sclerosing cholangitis. <i>Nature Genetics</i> , 2013, 45, 670-675.	21.4	339
68	Spatiotemporal mapping of brain activity by integration of multiple imaging modalities. <i>Current Opinion in Neurobiology</i> , 2001, 11, 202-208.	4.2	329
69	Neuroanatomical Assessment of Biological Maturity. <i>Current Biology</i> , 2012, 22, 1693-1698.	3.9	328
70	Monte Carlo simulation studies of EEG and MEG localization accuracy. <i>Human Brain Mapping</i> , 2002, 16, 47-62.	3.6	327
71	Current-source density estimation based on inversion of electrostatic forward solution: Effects of finite extent of neuronal activity and conductivity discontinuities. <i>Journal of Neuroscience Methods</i> , 2006, 154, 116-133.	2.5	325
72	Simultaneous imaging of total cerebral hemoglobin concentration, oxygenation, and blood flow during functional activation. <i>Optics Letters</i> , 2003, 28, 28.	3.3	320

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73	Critical ages in the life course of the adult brain: nonlinear subcortical aging. <i>Neurobiology of Aging</i> , 2013, 34, 2239-2247.	3.1	319
74	New images from human visual cortex. <i>Trends in Neurosciences</i> , 1996, 19, 481-489.	8.6	312
75	Genetic assessment of age-associated Alzheimer disease risk: Development and validation of a polygenic hazard score. <i>PLoS Medicine</i> , 2017, 14, e1002258.	8.4	311
76	Stereopsis Activates V3A and Caudal Intraparietal Areas in Macaques and Humans. <i>Neuron</i> , 2003, 39, 555-568.	8.1	309
77	Improved Detection of Common Variants Associated with Schizophrenia and Bipolar Disorder Using Pleiotropy-Informed Conditional False Discovery Rate. <i>PLoS Genetics</i> , 2013, 9, e1003455.	3.5	298
78	Alzheimer Disease: Quantitative Structural Neuroimaging for Detection and Prediction of Clinical and Structural Changes in Mild Cognitive Impairment. <i>Radiology</i> , 2009, 251, 195-205.	7.3	293
79	Cortical Volume, Surface Area, and Thickness in Schizophrenia and Bipolar Disorder. <i>Biological Psychiatry</i> , 2012, 71, 552-560.	1.3	290
80	Depth-resolved optical imaging and microscopy of vascular compartment dynamics during somatosensory stimulation. <i>NeuroImage</i> , 2007, 35, 89-104.	4.2	284
81	Tonotopic Organization in Human Auditory Cortex Revealed by Progressions of Frequency Sensitivity. <i>Journal of Neurophysiology</i> , 2004, 91, 1282-1296.	1.8	281
82	Distributed current estimates using cortical orientation constraints. <i>Human Brain Mapping</i> , 2006, 27, 1-13.	3.6	281
83	Spatial extent of oxygen metabolism and hemodynamic changes during functional activation of the rat somatosensory cortex. <i>NeuroImage</i> , 2005, 27, 279-290.	4.2	280
84	Location of human face-selective cortex with respect to retinotopic areas. <i>Human Brain Mapping</i> , 1999, 7, 29-37.	3.6	273
85	All SNPs Are Not Created Equal: Genome-Wide Association Studies Reveal a Consistent Pattern of Enrichment among Functionally Annotated SNPs. <i>PLoS Genetics</i> , 2013, 9, e1003449.	3.5	268
86	Cortical depth-specific microvascular dilation underlies laminar differences in blood oxygenation level-dependent functional MRI signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15246-15251.	7.1	267
87	Hierarchical Genetic Organization of Human Cortical Surface Area. <i>Science</i> , 2012, 335, 1634-1636.	12.6	266
88	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019, 176, 531-542.	7.2	261
89	Age-Related Changes in Prefrontal White Matter Measured by Diffusion Tensor Imaging. <i>Annals of the New York Academy of Sciences</i> , 2005, 1064, 37-49.	3.8	254
90	Combining MR Imaging, Positron-Emission Tomography, and CSF Biomarkers in the Diagnosis and Prognosis of Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2010, 31, 347-354.	2.4	251

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91	The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository. <i>NeuroImage</i> , 2016, 124, 1149-1154.	4.2	251
92	Repeated fMRI Using Iron Oxide Contrast Agent in Awake, Behaving Macaques at 3 Tesla. <i>NeuroImage</i> , 2002, 16, 283-294.	4.2	250
93	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
94	Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. <i>JAMA Neurology</i> , 2017, 74, 780.	9.0	245
95	Functionalâ€“Anatomic Study of Episodic Retrieval. <i>NeuroImage</i> , 1998, 7, 163-175.	4.2	244
96	Brain development and aging: Overlapping and unique patterns of change. <i>NeuroImage</i> , 2013, 68, 63-74.	4.2	240
97	The representation of the ipsilateral visual field in human cerebral cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 818-824.	7.1	229
98	Development and aging of cortical thickness correspond to genetic organization patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15462-15467.	7.1	228
99	Distinct Patterns of Neural Modulation during the Processing of Conceptual and Syntactic Anomalies. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 272-293.	2.3	222
100	When does brain aging accelerate? Dangers of quadratic fits in cross-sectional studies. <i>NeuroImage</i> , 2010, 50, 1376-1383.	4.2	222
101	Spatiotemporal Activity of a Cortical Network for Processing Visual Motion Revealed by MEG and fMRI. <i>Journal of Neurophysiology</i> , 1999, 82, 2545-2555.	1.8	217
102	Automated whiteâ€“matter tractography using a probabilistic diffusion tensor atlas: Application to temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2009, 30, 1535-1547.	3.6	217
103	Estimation and detection of event-related fMRI signals with temporally correlated noise: A statistically efficient and unbiased approach. <i>Human Brain Mapping</i> , 2000, 11, 249-260.	3.6	216
104	Interstitial solute transport in 3D reconstructed neuropil occurs by diffusion rather than bulk flow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9894-9899.	7.1	216
105	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
106	Genetic and environmental influences on the size of specific brain regions in midlife: The VETSA MRI study. <i>NeuroImage</i> , 2010, 49, 1213-1223.	4.2	208
107	Coupling of the cortical hemodynamic response to cortical and thalamic neuronal activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3822-3827.	7.1	207
108	A vascular anatomical network model of the spatio-temporal response to brain activation. <i>NeuroImage</i> , 2008, 40, 1116-1129.	4.2	205

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109	Probing tissue microstructure with restriction spectrum imaging: Histological and theoretical validation. <i>Human Brain Mapping</i> , 2013, 34, 327-346.	3.6	203
110	Structural MRI biomarkers for preclinical and mild Alzheimer's disease. <i>Human Brain Mapping</i> , 2009, 30, 3238-3253.	3.6	201
111	Longitudinal stability of MRI for mapping brain change using tensor-based morphometry. <i>NeuroImage</i> , 2006, 31, 627-640.	4.2	198
112	Subregional neuroanatomical change as a biomarker for Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20954-20959.	7.1	198
113	Genetic topography of brain morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17089-17094.	7.1	197
114	Quantifying the Microvascular Origin of BOLD-fMRI from First Principles with Two-Photon Microscopy and an Oxygen-Sensitive Nanoprobe. <i>Journal of Neuroscience</i> , 2015, 35, 3663-3675.	3.6	196
115	Multimodal imaging of the self-regulating developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19620-19625.	7.1	192
116	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
117	<i>In vivo</i> Stimulus-Induced Vasodilation Occurs without IP ₃ Receptor Activation and May Precede Astrocytic Calcium Increase. <i>Journal of Neuroscience</i> , 2013, 33, 8411-8422.	3.6	191
118	Bivariate causal mixture model quantifies polygenic overlap between complex traits beyond genetic correlation. <i>Nature Communications</i> , 2019, 10, 2417.	12.8	190
119	CSF Biomarkers in Prediction of Cerebral and Clinical Change in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2010, 30, 2088-2101.	3.6	188
120	Side Matters: Diffusion Tensor Imaging Tractography in Left and Right Temporal Lobe Epilepsy. <i>American Journal of Neuroradiology</i> , 2009, 30, 1740-1747.	2.4	186
121	Stimulus-Induced Changes in Blood Flow and 2-Deoxyglucose Uptake Dissociate in Ipsilateral Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2008, 28, 14347-14357.	3.6	184
122	Brain Changes in Older Adults at Very Low Risk for Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2013, 33, 8237-8242.	3.6	184
123	From retinotopy to recognition: fMRI in human visual cortex. <i>Trends in Cognitive Sciences</i> , 1998, 2, 174-183.	7.8	183
124	Diffusion-Weighted Imaging in Cancer: Physical Foundations and Applications of Restriction Spectrum Imaging. <i>Cancer Research</i> , 2014, 74, 4638-4652.	0.9	179
125	Functional Parcellation of Attentional Control Regions of the Brain. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 149-165.	2.3	178
126	Cell type specificity of neurovascular coupling in cerebral cortex. <i>ELife</i> , 2016, 5, .	6.0	176

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127	“Overshoot” of O ₂ Is Required to Maintain Baseline Tissue Oxygenation at Locations Distal to Blood Vessels. <i>Journal of Neuroscience</i> , 2011, 31, 13676-13681.	3.6	175
128	Cerebral cortex thickness in 15-year-old adolescents with low birth weight measured by an automated MRI-based method. <i>Brain</i> , 2005, 128, 2588-2596.	7.6	174
129	Structural Growth Trajectories and Rates of Change in the First 3 Months of Infant Brain Development. <i>JAMA Neurology</i> , 2014, 71, 1266.	9.0	173
130	Genetic pleiotropy between multiple sclerosis and schizophrenia but not bipolar disorder: differential involvement of immune-related gene loci. <i>Molecular Psychiatry</i> , 2015, 20, 207-214.	7.9	173
131	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
132	Cerebral perfusion and oxygenation differences in Alzheimer's disease risk. <i>Neurobiology of Aging</i> , 2009, 30, 1737-1748.	3.1	171
133	Spectral spatiotemporal imaging of cortical oscillations and interactions in the human brain. <i>NeuroImage</i> , 2004, 23, 582-595.	4.2	169
134	On-line automatic slice positioning for brain MR imaging. <i>NeuroImage</i> , 2005, 27, 222-230.	4.2	166
135	A human neurodevelopmental model for Williams syndrome. <i>Nature</i> , 2016, 536, 338-343.	27.8	166
136	Large arteriolar component of oxygen delivery implies a safe margin of oxygen supply to cerebral tissue. <i>Nature Communications</i> , 2014, 5, 5734.	12.8	165
137	The NIH Toolbox Cognition Battery: Results from a large normative developmental sample (PING).. <i>Neuropsychology</i> , 2014, 28, 1-10.	1.3	163
138	Neurodevelopmental origins of lifespan changes in brain and cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9357-9362.	7.1	163
139	In Vivo Hippocampal Subfield Volumes in Schizophrenia and Bipolar Disorder. <i>Biological Psychiatry</i> , 2015, 77, 581-588.	1.3	161
140	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
141	Regional neocortical thinning in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2008, 49, 794-803.	5.1	159
142	Long-term influence of normal variation in neonatal characteristics on human brain development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20089-20094.	7.1	158
143	Quantitative Histological Validation of Diffusion MRI Fiber Orientation Distributions in the Rat Brain. <i>PLoS ONE</i> , 2010, 5, e8595.	2.5	157
144	Segregation of Somatosensory Activation in the Human Rolandic Cortex Using fMRI. <i>Journal of Neurophysiology</i> , 2000, 84, 558-569.	1.8	156

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145	Genome-wide analysis reveals extensive genetic overlap between schizophrenia, bipolar disorder, and intelligence. <i>Molecular Psychiatry</i> , 2020, 25, 844-853.	7.9	156
146	Differentiating maturational and aging-related changes of the cerebral cortex by use of thickness and signal intensity. <i>NeuroImage</i> , 2010, 52, 172-185.	4.2	155
147	The value of multichannel MEG and EEG in the presurgical evaluation of 70 epilepsy patients. <i>Epilepsy Research</i> , 2006, 69, 80-86.	1.6	154
148	Polygenic hazard score to guide screening for aggressive prostate cancer: development and validation in large scale cohorts. <i>BMJ: British Medical Journal</i> , 2018, 360, j5757.	2.3	153
149	Higher Rates of Decline for Women and <i>Apolipoprotein E</i> ϵ 4 Carriers. <i>American Journal of Neuroradiology</i> , 2013, 34, 2287-2293.	2.4	152
150	Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. <i>JAMA Neurology</i> , 2016, 73, 691.	9.0	151
151	Laminar optical tomography: a demonstration of millimeter-scale depth-resolved imaging in turbid media. <i>Optics Letters</i> , 2004, 29, 1650.	3.3	149
152	Laminar Population Analysis: Estimating Firing Rates and Evoked Synaptic Activity From Multielectrode Recordings in Rat Barrel Cortex. <i>Journal of Neurophysiology</i> , 2007, 97, 2174-2190.	1.8	148
153	Regional shape abnormalities in mild cognitive impairment and Alzheimer's disease. <i>NeuroImage</i> , 2009, 45, 656-661.	4.2	146
154	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. <i>Circulation</i> , 2015, 131, 2061-2069.	1.6	145
155	Changes in white matter diffusion anisotropy in adolescents born prematurely. <i>NeuroImage</i> , 2006, 32, 1538-1548.	4.2	143
156	Multi-modal imaging predicts memory performance in normal aging and cognitive decline. <i>Neurobiology of Aging</i> , 2010, 31, 1107-1121.	3.1	143
157	Deep 2-photon imaging and artifact-free optogenetics through transparent graphene microelectrode arrays. <i>Nature Communications</i> , 2018, 9, 2035.	12.8	143
158	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
159	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. <i>Alzheimer's and Dementia</i> , 2015, 11, 740-756.	0.8	142
160	Spatiotemporal Brain Imaging of Visual-Evoked Activity Using Interleaved EEG and fMRI Recordings. <i>NeuroImage</i> , 2001, 13, 1035-1043.	4.2	140
161	Volumetric cerebral characteristics of children exposed to opiates and other substances in utero. <i>NeuroImage</i> , 2007, 36, 1331-1344.	4.2	139
162	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2018, 84, 574-581.	1.3	138

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