

Anders M Dale

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

519 papers	90,400 citations	132 h-index	296 g-index
574 ext. papers	108,218 ext. citations	7.9 avg, IF	7.76 L-index

#	Paper	IF	Citations
519	Correcting B inhomogeneity-induced distortions in whole-body diffusion MRI of bone.. <i>Scientific Reports</i> , 2022 , 12, 265	4.9	1
518	Discovery of genomic loci of the human cerebral cortex using genetically informed brain atlases.. <i>Science</i> , 2022 , 375, 522-528	33.3	1
517	Multivariate genome-wide association study on tissue-sensitive diffusion metrics highlights pathways that shape the human brain.. <i>Nature Communications</i> , 2022 , 13, 2423	17.4	0
516	Microstructural development from 9 to 14 years: Evidence from the ABCD Study.. <i>Developmental Cognitive Neuroscience</i> , 2021 , 53, 101044	5.5	0
515	Paradoxical cognitive trajectories in men from earlier to later adulthood. <i>Neurobiology of Aging</i> , 2021 , 109, 229-238	5.6	0
514	Long-term associations of cigarette smoking in early mid-life with predicted brain aging from mid- to late life. <i>Addiction</i> , 2021 ,	4.6	1
513	Genetic Stratification of Age-Dependent Parkinson's Disease Risk by Polygenic Hazard Score. <i>Movement Disorders</i> , 2021 ,	7	3
512	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021 , 62, 1140-1149 ³	7.9	3
511	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021 , 11, 182	8.6	6
510	Age and Sex Differences in the Associations of Pulse Pressure With White Matter and Subcortical Microstructure. <i>Hypertension</i> , 2021 , 77, 938-947	8.5	2
509	Voxel-level Classification of Prostate Cancer on Magnetic Resonance Imaging: Improving Accuracy Using Four-Compartment Restriction Spectrum Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 54, 975-984	5.6	3
508	Correction of Artifacts Induced by B Inhomogeneities in Breast MRI Using Reduced-Field-of-View Echo-Planar Imaging and Enhanced Reversed Polarity Gradient Method. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 53, 1581-1591	5.6	3
507	Common genetic and clinical risk factors: association with fatal prostate cancer in the Cohort of Swedish Men. <i>Prostate Cancer and Prostatic Diseases</i> , 2021 , 24, 845-851	6.2	3
506	Distinct Regionalization Patterns of Cortical Morphology are Associated with Cognitive Performance Across Different Domains. <i>Cerebral Cortex</i> , 2021 , 31, 3856-3871	5.1	0
505	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	36.3	83
504	The Neurobiological Effects of Electroconvulsive Therapy Studied Through Magnetic Resonance: What Have We Learned, and Where Do We Go?. <i>Biological Psychiatry</i> , 2021 ,	7.9	6
503	All-Optical Electrophysiology in hiPSC-Derived Neurons With Synthetic Voltage Sensors. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 671549	6.1	2

502	Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021 , 24, 1176-1186	13.5	17
501	Examining Individual and Synergistic Contributions of PTSD and Genetics to Blood Pressure: A Trans-Ethnic Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2021 , 15, 678503	5.1	1
500	Elevated body weight modulates subcortical volume change and associated clinical response following electroconvulsive therapy. <i>Journal of Psychiatry and Neuroscience</i> , 2021 , 46, E418-E426	4.5	1
499	12-year prediction of mild cognitive impairment aided by Alzheimer's brain signatures at mean age 56. <i>Brain Communications</i> , 2021 , 3, fcab167	4.5	2
498	Dissecting the shared genetic basis of migraine and mental disorders using novel statistical tools. <i>Brain</i> , 2021 ,	11.2	3
497	Identification of genetic overlap and novel risk loci for attention-deficit/hyperactivity disorder and bipolar disorder. <i>Molecular Psychiatry</i> , 2021 , 26, 4055-4065	15.1	15
496	Genome-wide Association Analysis of Parkinson's Disease and Schizophrenia Reveals Shared Genetic Architecture and Identifies Novel Risk Loci. <i>Biological Psychiatry</i> , 2021 , 89, 227-235	7.9	15
495	Discrimination of Breast Cancer from Healthy Breast Tissue Using a Three-component Diffusion-weighted MRI Model. <i>Clinical Cancer Research</i> , 2021 , 27, 1094-1104	12.9	7
494	Individual Differences in Cognitive Performance Are Better Predicted by Global Rather Than Localized BOLD Activity Patterns Across the Cortex. <i>Cerebral Cortex</i> , 2021 , 31, 1478-1488	5.1	6
493	Biophysically detailed forward modeling of the neural origin of EEG and MEG signals. <i>NeuroImage</i> , 2021 , 225, 117467	7.9	6
492	African-specific improvement of a polygenic hazard score for age at diagnosis of prostate cancer. <i>International Journal of Cancer</i> , 2021 , 148, 99-105	7.5	7
491	Improved Characterization of Diffusion in Normal and Cancerous Prostate Tissue Through Optimization of Multicompartmental Signal Models. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 53, 628-639	5.6	3
490	Brain microstructure mediates sex-specific patterns of cognitive aging. <i>Aging</i> , 2021 , 13, 3218-3238	5.6	1
489	The genetic architecture of human complex phenotypes is modulated by linkage disequilibrium and heterozygosity. <i>Genetics</i> , 2021 , 217,	4	2
488	Genetic loci shared between major depression and intelligence with mixed directions of effect. <i>Nature Human Behaviour</i> , 2021 , 5, 795-801	12.8	8
487	Associations between depression and cardiometabolic health: A 27-year longitudinal study. <i>Psychological Medicine</i> , 2021 , 1-11	6.9	3
486	Additional SNPs improve risk stratification of a polygenic hazard score for prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2021 , 24, 532-541	6.2	3
485	Polygenic hazard score is associated with prostate cancer in multi-ethnic populations. <i>Nature Communications</i> , 2021 , 12, 1236	17.4	14

484	MRI-assessed locus coeruleus integrity is heritable and associated with multiple cognitive domains, mild cognitive impairment, and daytime dysfunction. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1017-1025	1.2	7
483	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	26
482	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	13
481	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. <i>Human Brain Mapping</i> , 2021 ,	5.9	6
480	Characterizing the Genetic Overlap Between Psychiatric Disorders and Sleep-Related Phenotypes. <i>Biological Psychiatry</i> , 2021 , 90, 621-631	7.9	5
479	Extensive bidirectional genetic overlap between bipolar disorder and cardiovascular disease phenotypes. <i>Translational Psychiatry</i> , 2021 , 11, 407	8.6	3
478	Atypical genomic cortical patterning in autism with poor early language outcome. <i>Science Advances</i> , 2021 , 7, eabh1663	14.3	1
477	Characterising the shared genetic determinants of bipolar disorder, schizophrenia and risk-taking. <i>Translational Psychiatry</i> , 2021 , 11, 466	8.6	4
476	Genetic Association Between Schizophrenia and Cortical Brain Surface Area and Thickness. <i>JAMA Psychiatry</i> , 2021 , 78, 1020-1030	14.5	4
475	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. <i>Biological Psychiatry</i> , 2021 ,	7.9	3
474	Sex differences in Alzheimer's disease: do differences in tau explain the verbal memory gap?. <i>Neurobiology of Aging</i> , 2021 , 107, 70-77	5.6	2
473	Vertex-wise multivariate genome-wide association study identifies 780 unique genetic loci associated with cortical morphology. <i>NeuroImage</i> , 2021 , 244, 118603	7.9	1
472	Lifestyle and the aging brain: interactive effects of modifiable lifestyle behaviors and cognitive ability in men from midlife to old age. <i>Neurobiology of Aging</i> , 2021 , 108, 80-89	5.6	2
471	Polygenic overlap and shared genetic loci between loneliness, severe mental disorders, and cardiovascular disease risk factors suggest shared molecular mechanisms. <i>Translational Psychiatry</i> , 2021 , 11, 3	8.6	3
470	The genetic architecture of human cortical folding.. <i>Science Advances</i> , 2021 , 7, eabj9446	14.3	0
469	Characterization of the diffusion signal of breast tissues using multi-exponential models.. <i>Magnetic Resonance in Medicine</i> , 2021 ,	4.4	1
468	Beyond SNP heritability: Polygenicity and discoverability of phenotypes estimated with a univariate Gaussian mixture model. <i>PLoS Genetics</i> , 2020 , 16, e1008612	6	51
467	Quantifying the Polygenic Architecture of the Human Cerebral Cortex: Extensive Genetic Overlap between Cortical Thickness and Surface Area. <i>Cerebral Cortex</i> , 2020 , 30, 5597-5603	5.1	13

466	The polygenic architecture of schizophrenia - rethinking pathogenesis and nosology. <i>Nature Reviews Neurology</i> , 2020 , 16, 366-379	15	49
465	The effect of sample size on polygenic hazard models for prostate cancer. <i>European Journal of Human Genetics</i> , 2020 , 28, 1467-1475	5.3	5
464	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020 , 177, 834-843	11.9	50
463	Glioblastomas located in proximity to the subventricular zone (SVZ) exhibited enrichment of gene expression profiles associated with the cancer stem cell state. <i>Journal of Neuro-Oncology</i> , 2020 , 148, 455-462	4.8	9
462	Phenotype-specific differences in polygenicity and effect size distribution across functional annotation categories revealed by AI-MiXeR. <i>Bioinformatics</i> , 2020 , 36, 4749-4756	7.2	4
461	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
460	Sex-dependent autosomal effects on clinical progression of Alzheimer's disease. <i>Brain</i> , 2020 , 143, 2272-2280	22.80	23
459	A Genetic Risk Score to Personalize Prostate Cancer Screening, Applied to Population Data. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1731-1738	4	14
458	Restriction Spectrum Imaging Differentiates True Tumor Progression From Immune-Mediated Pseudoprogression: Case Report of a Patient With Glioblastoma. <i>Frontiers in Oncology</i> , 2020 , 10, 24	5.3	8
457	Modeling the diffusion-weighted imaging signal for breast lesions in the b = 200 to 3000 $\mu\text{m}^2/\text{mm}$ range: quality of fit and classification accuracy for different representations. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 1011-1023	4.4	8
456	Differentiation of progressive disease from pseudoprogression using 3D PCASL and DSC perfusion MRI in patients with glioblastoma. <i>Journal of Neuro-Oncology</i> , 2020 , 147, 681-690	4.8	7
455	Spatially resolved estimation of metabolic oxygen consumption from optical measurements in cortex. <i>Neurophotronics</i> , 2020 , 7, 035005	3.9	0
454	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , 2020 , 88, 169-184	7.9	57
453	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020 , 77, 420-430	14.5	24
452	Shared Genetic Loci Between Body Mass Index and Major Psychiatric Disorders: A Genome-wide Association Study. <i>JAMA Psychiatry</i> , 2020 , 77, 503-512	14.5	42
451	Associations Between Microstructure, Amyloid, and Cognition in Amnesic Mild Cognitive Impairment and Dementia. <i>Journal of Alzheimer's Disease</i> , 2020 , 73, 347-357	4.3	7
450	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020 , 208, 116400	7.9	74
449	Identification of Genetic Loci Shared Between Attention-Deficit/Hyperactivity Disorder, Intelligence, and Educational Attainment. <i>Biological Psychiatry</i> , 2020 , 87, 1052-1062	7.9	5

448	Age dependence of modern clinical risk groups for localized prostate cancer-A population-based study. <i>Cancer</i> , 2020 , 126, 1691-1699	6.4	8
447	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796	17.4	16
446	Enriching the design of Alzheimer's disease clinical trials: Application of the polygenic hazard score and composite outcome measures. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020 , 6, e12071	6	3
445	Nucleus accumbens cytoarchitecture predicts weight gain in children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26977-26984	11.5	17
444	Associations between age and brain microstructure in older community-dwelling men and women: the Rancho Bernardo Study. <i>Neurobiology of Aging</i> , 2020 , 95, 94-103	5.6	3
443	Understanding the genetic determinants of the brain with MOSTest. <i>Nature Communications</i> , 2020 , 11, 3512	17.4	28
442	Noncontrast MRI with advanced diffusion weighted imaging for breast cancer detection in a lactating woman. <i>Radiology Case Reports</i> , 2020 , 15, 2358-2361	1	1
441	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020 , 25, 584-602	15.1	24
440	Genome-wide analysis reveals extensive genetic overlap between schizophrenia, bipolar disorder, and intelligence. <i>Molecular Psychiatry</i> , 2020 , 25, 844-853	15.1	76
439	Posttraumatic stress symptom persistence across 24 years: association with brain structures. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1208-1220	4.1	7
438	Discovery of shared genomic loci using the conditional false discovery rate approach. <i>Human Genetics</i> , 2020 , 139, 85-94	6.3	39
437	Brain Changes Induced by Electroconvulsive Therapy Are Broadly Distributed. <i>Biological Psychiatry</i> , 2020 , 87, 451-461	7.9	32
436	Beyond SNP heritability: Polygenicity and discoverability of phenotypes estimated with a univariate Gaussian mixture model 2020 , 16, e1008612		
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430	Pupillary dilation responses as a midlife indicator of risk for Alzheimer's disease: association with Alzheimer's disease polygenic risk. <i>Neurobiology of Aging</i> , 2019 , 83, 114-121	5.6	12
429	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019 , 40, 100706	5.5	45
428	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019 , 22, 1617-1623	25.5	157
427	Influence of young adult cognitive ability and additional education on later-life cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2021-2026	11.5	46
426	Polygenic hazard score, amyloid deposition and Alzheimer's neurodegeneration. <i>Brain</i> , 2019 , 142, 460-470	10.2	37
425	Resting State Abnormalities of the Default Mode Network in Mild Cognitive Impairment: A Systematic Review and Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2019 , 70, 107-120	4.3	35
424	Bivariate causal mixture model quantifies polygenic overlap between complex traits beyond genetic correlation. <i>Nature Communications</i> , 2019 , 10, 2417	17.4	68
423	Using a genetic risk score to calculate the optimal age for an individual to undergo coronary artery calcium screening. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 203-210	2.8	14
422	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	11.9	120
421	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019 , 51, 793-803	36.3	662
420	Genetic Overlap Between Alzheimer's Disease and Bipolar Disorder Implicates the MARK2 and VAC14 Genes. <i>Frontiers in Neuroscience</i> , 2019 , 13, 220	5.1	20
419	Body mass trajectories and cortical thickness in middle-aged men: a 42-year longitudinal study starting in young adulthood. <i>Neurobiology of Aging</i> , 2019 , 79, 11-21	5.6	12
418	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019 , 202, 116091	7.9	184
417	Biophysical Psychiatry-How Computational Neuroscience Can Help to Understand the Complex Mechanisms of Mental Disorders. <i>Frontiers in Psychiatry</i> , 2019 , 10, 534	5	10
416	Genetic risk for coronary heart disease alters the influence of Alzheimer's genetic risk on mild cognitive impairment. <i>Neurobiology of Aging</i> , 2019 , 84, 237.e5-237.e12	5.6	5
415	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019 , 10, 4558	17.4	151
414	Computational Modeling of Genetic Contributions to Excitability and Neural Coding in Layer V Pyramidal Cells: Applications to Schizophrenia Pathology. <i>Frontiers in Computational Neuroscience</i> , 2019 , 13, 66	3.5	2
413	A genetic risk score to personalize prostate cancer screening, applied to population data.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 181-181	2.2	1

412	Electric field causes volumetric changes in the human brain. <i>ELife</i> , 2019 , 8,	8.9	22
411	The emerging pattern of shared polygenic architecture of psychiatric disorders, conceptual and methodological challenges. <i>Psychiatric Genetics</i> , 2019 , 29, 152-159	2.9	15
410	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	3.6	81
409	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019 , 179, 1469-1482.e11	56.2	402
408	Awake Mouse Imaging: From Two-Photon Microscopy to Blood Oxygen Level-Dependent Functional Magnetic Resonance Imaging. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 533-542	3.4	27
407	Dissecting the genetic relationship between cardiovascular risk factors and Alzheimer's disease. <i>Acta Neuropathologica</i> , 2019 , 137, 209-226	14.3	54
406	Genetic architecture of hippocampal subfields on standard resolution MRI: How the parts relate to the whole. <i>Human Brain Mapping</i> , 2019 , 40, 1528-1540	5.9	9
405	Improved characterization of cerebral infarction using combined tissue T2 and high b-value diffusion MRI in post-thrombectomy patients: a feasibility study. <i>Acta Radiologica</i> , 2019 , 60, 1294-1300	2	2
404	Continuity and Discontinuity in Human Cortical Development and Change From Embryonic Stages to Old Age. <i>Cerebral Cortex</i> , 2019 , 29, 3879-3890	5.1	15
403	Predominantly global genetic influences on individual white matter tract microstructure. <i>NeuroImage</i> , 2019 , 184, 871-880	7.9	9
402	Restriction spectrum imaging of white matter and its relation to neurological disability in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 687-698	5	3
401	Use of an Alzheimer's disease polygenic risk score to identify mild cognitive impairment in adults in their 50s. <i>Molecular Psychiatry</i> , 2019 , 24, 421-430	15.1	63
400	Polygenic risk for psychiatric disorders correlates with executive function in typical development. <i>Genes, Brain and Behavior</i> , 2019 , 18, e12480	3.6	11
399	Beyond heritability: improving discoverability in imaging genetics. <i>Human Molecular Genetics</i> , 2018 , 27, R22-R28	5.6	12
398	Selective Genetic Overlap Between Amyotrophic Lateral Sclerosis and Diseases of the Frontotemporal Dementia Spectrum. <i>JAMA Neurology</i> , 2018 , 75, 860-875	17.2	56
397	Edge Contrast of the FLAIR Hyperintense Region Predicts Survival in Patients with High-Grade Gliomas following Treatment with Bevacizumab. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1017-1024	4.4	11
396	Alcohol intake and brain white matter in middle aged men: Microscopic and macroscopic differences. <i>NeuroImage: Clinical</i> , 2018 , 18, 390-398	5.3	18
395	Genetic Overlap Between Schizophrenia and Volumes of Hippocampus, Putamen, and Intracranial Volume Indicates Shared Molecular Genetic Mechanisms. <i>Schizophrenia Bulletin</i> , 2018 , 44, 854-864	1.3	59

394	Genetic relatedness of axial and radial diffusivity indices of cerebral white matter microstructure in late middle age. <i>Human Brain Mapping</i> , 2018 , 39, 2235-2245	5.9	10
393	High temporal resolution motion estimation using a self-navigated simultaneous multi-slice echo planar imaging acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 780	5.6	7
392	Novel Loci Associated With Attention-Deficit/Hyperactivity Disorder Are Revealed by Leveraging Polygenic Overlap With Educational Attainment. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018 , 57, 86-95	7.2	19
391	Identification of shared genetic variants between schizophrenia and lung cancer. <i>Scientific Reports</i> , 2018 , 8, 674	4.9	21
390	Polygenic hazard score to guide screening for aggressive prostate cancer: development and validation in large scale cohorts. <i>BMJ, The</i> , 2018 , 360, j5757	5.9	85
389	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. <i>Developmental Cognitive Neuroscience</i> , 2018 , 32, 43-54	5.5	557
388	Precision medicine screening using whole-genome sequencing and advanced imaging to identify disease risk in adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3686-3691	11.5	55
387	Negative fateful life events in midlife and advanced predicted brain aging. <i>Neurobiology of Aging</i> , 2018 , 67, 1-9	5.6	22
386	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	15.1	340
385	A stepwise neuron model fitting procedure designed for recordings with high spatial resolution: Application to layer 5 pyramidal cells. <i>Journal of Neuroscience Methods</i> , 2018 , 293, 264-283	3	14
384	Molecular physiology of contrast enhancement in glioblastomas: An analysis of The Cancer Imaging Archive (TCIA). <i>Journal of Clinical Neuroscience</i> , 2018 , 55, 86-92	2.2	9
383	Determining Genetic Causal Variants Through Multivariate Regression Using Mixture Model Penalty. <i>Frontiers in Genetics</i> , 2018 , 9, 77	4.5	1
382	Combining Polygenic Hazard Score With Volumetric MRI and Cognitive Measures Improves Prediction of Progression From Mild Cognitive Impairment to Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018 , 12, 260	5.1	26
381	Molecular classification of patients with grade II/III glioma using quantitative MRI characteristics. <i>Journal of Neuro-Oncology</i> , 2018 , 139, 633-642	4.8	23
380	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2018 , 84, 574-581	7.9	91
379	Relationship between kurtosis and bi-exponential characterization of high b-value diffusion-weighted imaging: application to prostate cancer. <i>Acta Radiologica</i> , 2018 , 59, 1523-1529	2	6
378	Williams Syndrome neuroanatomical score associates with GTF2IRD1 in large-scale magnetic resonance imaging cohorts: a proof of concept for multivariate endophenotypes. <i>Translational Psychiatry</i> , 2018 , 8, 114	8.6	4
377	Immune-related genetic enrichment in frontotemporal dementia: An analysis of genome-wide association studies. <i>PLoS Medicine</i> , 2018 , 15, e1002487	11.6	77

376	Polygenic hazard score: an enrichment marker for Alzheimer's associated amyloid and tau deposition. <i>Acta Neuropathologica</i> , 2018 , 135, 85-93	14.3	57
375	Cortical morphology of the pars opercularis and its relationship to motor-inhibitory performance in a longitudinal, developing cohort. <i>Brain Structure and Function</i> , 2018 , 223, 211-220	4	15
374	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018 , 9, 3945	17.4	16
373	Diagnostic utility of restriction spectrum imaging (RSI) in glioblastoma patients after concurrent radiation-temozolomide treatment: A pilot study. <i>Journal of Clinical Neuroscience</i> , 2018 , 58, 136-141	2.2	8
372	Microstructural brain changes track cognitive decline in mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2018 , 20, 883-891	5.3	13
371	Cross-tissue eQTL enrichment of associations in schizophrenia. <i>PLoS ONE</i> , 2018 , 13, e0202812	3.7	3
370	Abnormal Morphology of Select Cortical and Subcortical Regions in Neurofibromatosis Type 1. <i>Radiology</i> , 2018 , 289, 499-508	20.5	5
369	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
368	Deep 2-photon imaging and artifact-free optogenetics through transparent graphene microelectrode arrays. <i>Nature Communications</i> , 2018 , 9, 2035	17.4	81
367	Brain structure mediates the association between height and cognitive ability. <i>Brain Structure and Function</i> , 2018 , 223, 3487-3494	4	12
366	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	7.9	325
365	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017 , 145, 389-408	7.9	142
364	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
363	Genetic architecture of sporadic frontotemporal dementia and overlap with Alzheimer's and Parkinson's diseases. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 152-164	5.5	76
362	Cerebral Cortex Regions Selectively Vulnerable to Radiation Dose-Dependent Atrophy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 910-918	4	45
361	Multi-component diffusion characterization of radiation-induced white matter damage. <i>Medical Physics</i> , 2017 , 44, 1747-1754	4.4	9
360	Toddlers later diagnosed with autism exhibit multiple structural abnormalities in temporal corpus callosum fibers. <i>Cortex</i> , 2017 , 97, 291-305	3.8	27
359	Shared genetic risk between corticobasal degeneration, progressive supranuclear palsy, and frontotemporal dementia. <i>Acta Neuropathologica</i> , 2017 , 133, 825-837	14.3	58

358	Restriction Spectrum Imaging Improves Risk Stratification in Patients with Glioblastoma. <i>American Journal of Neuroradiology</i> , 2017 , 38, 882-889	4.4	7
357	Genetic and environmental influences on mean diffusivity and volume in subcortical brain regions. <i>Human Brain Mapping</i> , 2017 , 38, 2589-2598	5.9	7
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19	Selective averaging of rapidly presented individual trials using fMRI. <i>Human Brain Mapping</i> , 1997 , 5, 329-40	5.9	719
18	New images from human visual cortex. <i>Trends in Neurosciences</i> , 1996 , 19, 481-9	13.3	283
17	Visual motion aftereffect in human cortical area MT revealed by functional magnetic resonance imaging. <i>Nature</i> , 1995 , 375, 139-41	50.4	558

16	Borders of multiple visual areas in humans revealed by functional magnetic resonance imaging. <i>Science</i> , 1995 , 268, 889-93	33.3	2068
15	In vivo microelectrode localization in the brain of the alert monkey: a combined radiographic and magnetic resonance imaging approach. <i>Experimental Brain Research</i> , 1994 , 98, 401-11	2.3	24
14	Improved Localizadon of Cortical Activity by Combining EEG and MEG with MRI Cortical Surface Reconstruction: A Linear Approach. <i>Journal of Cognitive Neuroscience</i> , 1993 , 5, 162-76	3.1	1539
13	Lipid associated polygenic enrichment in Alzheimer's disease		2
12	Characterization of the Diffusion Signal of Breast Tissues using Multi-exponential Models		1
11	Four-sphere head model for EEG signals revisited		1
10	Beyond SNP Heritability: Polygenicity and Discoverability of Phenotypes Estimated with a Univariate Gaussian Mixture Model		9
9	Polygenic hazard score is associated with prostate cancer in multi-ethnic populations		1
8	Improved prediction of schizophrenia by leveraging genetic overlap with brain morphology		1
7	Genome-wide association study of over 40,000 bipolar disorder cases provides new insights into the underlying biology		11
6	Multivariate genome-wide association study identifies 780 unique genetic loci associated with cortical morphology		1
5	The genetic architecture of the human cerebral cortex		12
4	Beyond SNP Heritability: Polygenicity and Discoverability of Phenotypes Estimated with a Univariate Gaussian Mixture Model		3
3	Sex-dependent polygenic effects on the clinical progressions of Alzheimer's disease		1
2	Generalization of Cortical MOSTest Genome-Wide Associations Within and Across Samples		1
1	Genome-wide association analysis reveals extensive genetic overlap between mood instability and psychiatric disorders but divergent patterns of genetic effects		1