

# Emma Sprooten

## List of Publications by Citations

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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.

72  
papers

5,603  
citations

32  
h-index

74  
g-index

80  
ext. papers

6,931  
ext. citations

8.8  
avg. IF

4.35  
L-index

#	Paper	IF	Citations
72	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , <b>2015</b> , 520, 224-9	50.4	601
71	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , <b>2014</b> , 8, 153-82	4.1	539
70	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , <b>2012</b> , 44, 552-61	36.3	498
69	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 932-942	15.1	340
68	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 1261-1269	15.1	324
67	Subcortical volumetric abnormalities in bipolar disorder. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 1710-1716	15.1	283
66	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: a pilot project of the ENIGMA-DTI working group. <i>NeuroImage</i> , <b>2013</b> , 81, 455-469	7.9	278
65	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , <b>2017</b> , 8, 13624	17.4	173
64	Multivariate analysis reveals genetic associations of the resting default mode network in psychotic bipolar disorder and schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E2066-75	11.5	168
63	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 420-431	25.5	163
62	Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , <b>2015</b> , 111, 300-11	7.9	159
61	The genetic architecture of the human cerebral cortex. <i>Science</i> , <b>2020</b> , 367,	33.3	156
60	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1569-1582	25.5	147
59	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 1133-42	1.3	136
58	Arguments for the sake of endophenotypes: examining common misconceptions about the use of endophenotypes in psychiatric genetics. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2014</b> , 165B, 122-30	3.5	113
57	White matter integrity in individuals at high genetic risk of bipolar disorder. <i>Biological Psychiatry</i> , <b>2011</b> , 70, 350-6	7.9	109
56	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and megaanalytical approaches for data pooling. <i>NeuroImage</i> , <b>2014</b> , 95, 136-50	7.9	95

55	Polygenic risk and white matter integrity in individuals at high risk of mood disorder. <i>Biological Psychiatry</i> , <b>2013</b> , 74, 280-6	7.9	94
54	Addressing reverse inference in psychiatric neuroimaging: Meta-analyses of task-related brain activation in common mental disorders. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 1846-1864	5.9	78
53	The influence of polygenic risk for bipolar disorder on neural activation assessed using fMRI. <i>Translational Psychiatry</i> , <b>2012</b> , 2, e130	8.6	73
52	Impact of a microRNA MIR137 susceptibility variant on brain function in people at high genetic risk of schizophrenia or bipolar disorder. <i>Neuropsychopharmacology</i> , <b>2012</b> , 37, 2720-9	8.7	69
51	Ventral anterior cingulate connectivity distinguished nonpsychotic bipolar illness from psychotic bipolar disorder and schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 133-43	1.3	63
50	Cortical thickness in first-episode schizophrenia patients and individuals at high familial risk: a cross-sectional comparison. <i>Schizophrenia Research</i> , <b>2013</b> , 151, 259-64	3.6	63
49	Influence of age, sex and genetic factors on the human brain. <i>Brain Imaging and Behavior</i> , <b>2014</b> , 8, 143-52	4.1	60
48	Review of functional magnetic resonance imaging studies comparing bipolar disorder and schizophrenia. <i>Bipolar Disorders</i> , <b>2012</b> , 14, 411-31	3.8	54
47	Genetic basis of neurocognitive decline and reduced white-matter integrity in normal human brain aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 19006-11	11.5	50
46	White matter integrity as an intermediate phenotype: exploratory genome-wide association analysis in individuals at high risk of bipolar disorder. <i>Psychiatry Research</i> , <b>2013</b> , 206, 223-31	9.9	49
45	Association of white matter integrity with genetic variation in an exonic DISC1 SNP. <i>Molecular Psychiatry</i> , <b>2011</b> , 16, 685, 688-9	15.1	42
44	Reduced white matter integrity in sibling pairs discordant for bipolar disorder. <i>American Journal of Psychiatry</i> , <b>2013</b> , 170, 1317-25	11.9	40
43	The relationship of anterior thalamic radiation integrity to psychosis risk associated neuregulin-1 variants. <i>Molecular Psychiatry</i> , <b>2009</b> , 14, 237-8, 233	15.1	40
42	Shared genetic background between children and adults with attention deficit/hyperactivity disorder. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 1617-1626	8.7	35
41	Shared genetic factors influence amygdala volumes and risk for alcoholism. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 412-20	8.7	32
40	Prediction of depression in individuals at high familial risk of mood disorders using functional magnetic resonance imaging. <i>PLoS ONE</i> , <b>2013</b> , 8, e57357	3.7	32
39	Grey matter networks in people at increased familial risk for schizophrenia. <i>Schizophrenia Research</i> , <b>2015</b> , 168, 1-8	3.6	30
38	Personality, health, and brain integrity: the Lothian birth cohort study 1936. <i>Health Psychology</i> , <b>2014</b> , 33, 1477-86	5	29

37	A comprehensive tractography study of patients with bipolar disorder and their unaffected siblings. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 3474-85	5.9	27
36	Genome-wide significant localization for working and spatial memory: Identifying genes for psychosis using models of cognition. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2014</b> , 165B, 84-95	3.5	27
35	An investigation of a genomewide supported psychosis variant in ZNF804A and white matter integrity in the human brain. <i>Magnetic Resonance Imaging</i> , <b>2012</b> , 30, 1373-80	3.3	27
34	Discovering schizophrenia endophenotypes in randomly ascertained pedigrees. <i>Biological Psychiatry</i> , <b>2015</b> , 77, 75-83	7.9	25
33	Common genetic variants and gene expression associated with white matter microstructure in the human brain. <i>NeuroImage</i> , <b>2014</b> , 97, 252-61	7.9	23
32	Effects of a Balanced Translocation between Chromosomes 1 and 11 Disrupting the DISC1 Locus on White Matter Integrity. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130900	3.7	19
31	Epigenetic Age Acceleration Assessed with Human White-Matter Images. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 4735-4743	6.6	18
30	Heritable changes in regional cortical thickness with age. <i>Brain Imaging and Behavior</i> , <b>2014</b> , 8, 208-16	4.1	18
29	Identification of pleiotropic genetic effects on obesity and brain anatomy. <i>Human Heredity</i> , <b>2013</b> , 75, 136-43	1.1	18
28	Multimodal Neuroimaging-Informed Clinical Applications in Neuropsychiatric Disorders. <i>Frontiers in Psychiatry</i> , <b>2016</b> , 7, 63	5	18
27	Transcriptomics of cortical gray matter thickness decline during normal aging. <i>NeuroImage</i> , <b>2013</b> , 82, 273-83	7.9	16
26	Structural and Functional Reorganization of the Brain in Migraine Without Aura. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 442	4.1	15
25	Shared genetic variance between obesity and white matter integrity in Mexican Americans. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 26	4.5	15
24	Diffusion tensor imaging correlates of early markers of depression in youth at high-familial risk for bipolar disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2018</b> , 59, 917-927	7.9	14
23	Genome-wide linkage on chromosome 10q26 for a dimensional scale of major depression. <i>Journal of Affective Disorders</i> , <b>2016</b> , 191, 123-31	6.6	13
22	Depth-dependent intracortical myelin organization in the living human brain determined by in vivo ultra-high field magnetic resonance imaging. <i>NeuroImage</i> , <b>2019</b> , 185, 27-34	7.9	13
21	Pleiotropic locus for emotion recognition and amygdala volume identified using univariate and bivariate linkage. <i>American Journal of Psychiatry</i> , <b>2015</b> , 172, 190-9	11.9	10
20	Evidence for genetic correlation between human cerebral white matter microstructure and inflammation. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 4180-4191	5.9	8

19	Imaging genomics discovery of a new risk variant for Alzheimer's disease in the postsynaptic SHARPIN gene. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 3737-3748	5.9	8
18	Genome-wide significant linkage of schizophrenia-related neuroanatomical trait to 12q24. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2015</b> , 168, 678-86	3.5	8
17	Long genes are more frequently affected by somatic mutations and show reduced expression in Alzheimer's disease: Implications for disease etiology. <i>Alzheimers and Dementia</i> , <b>2021</b> , 17, 489-499	1.2	7
16	Social responsiveness to inanimate entities: Altered white matter in a social synaesthesia. <i>Neuropsychologia</i> , <b>2016</b> , 91, 282-289	3.2	6
15	Progress in imaging the effects of psychosis susceptibility gene variants. <i>Expert Review of Neurotherapeutics</i> , <b>2013</b> , 13, 37-47	4.3	6
14	Brain imaging in psychosis and psychopathy--ethical considerations. <i>Cortex</i> , <b>2011</b> , 47, 1236-9	3.8	6
13	Segmentation of the anterior thalamic radiation using neighbourhood tractography. <i>Molecular Psychiatry</i> , <b>2009</b> , 14, 233-233	15.1	6
12	Reduced fronto-striatal volume in attention-deficit/hyperactivity disorder in two cohorts across the lifespan. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102403	5.3	5
11	The P-factor and its genomic and neural equivalents: an integrated perspective. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	3
10	Neurocognition in young offspring of individuals with bipolar disorder: The role of co-existing familial and clinical high-risk for bipolar disorder. <i>Psychiatry Research</i> , <b>2019</b> , 281, 112565	9.9	2
9	Discovering the shared biology of cognitive traits determined by genetic overlap. <i>NeuroImage</i> , <b>2020</b> , 208, 116409	7.9	2
8	Functional co-activation of the default mode network in APOE ε-carriers: A replication study. <i>NeuroImage</i> , <b>2021</b> , 240, 118304	7.9	2
7	Task-generic and task-specific connectivity modulations in the ADHD brain: an integrated analysis across multiple tasks. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 159	8.6	1
6	Reward and Punishment Sensitivity are Associated with Cross-disorder Traits. <i>Psychiatry Research</i> , <b>2021</b> , 298, 113795	9.9	1
5	Genetic variants associated with longitudinal changes in brain structure across the lifespan.. <i>Nature Neuroscience</i> , <b>2022</b> , 25, 421-432	25.5	1
4	Associations between attention-deficit hyperactivity disorder (ADHD) symptom remission and white matter microstructure: A longitudinal analysis.. <i>JCPP Advances</i> , <b>2021</b> , 1, e12040		0
3	Discrepancies of polygenic effects on symptom dimensions between adolescents and adults with ADHD. <i>Psychiatry Research - Neuroimaging</i> , <b>2021</b> , 311, 111282	2.9	0
2	Maternal serotonin transporter genotype and offspring's clinical and cognitive measures of ADHD and ASD. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 110, 110354	5.5	0

- 1 Evaluating the Neuroimaging-Genetic Prediction of Symptom Changes in Individuals with ADHD.  
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Engineering in Medicine and Biology Society Annual International Conference, 2021, 2021, 1950-1956* 0.9