

Francesco Bettella

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

8,810
citations

159525

30
h-index

76872

74
g-index

76
all docs

76
docs citations

76
times ranked

15184
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo hippocampal subfield volumes in bipolar disorderâ€”A megaâ€”analysis from The Enhancing Neuro Imaging Genetics through <scp>Metaâ€”Analysis</scp> Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 385-398.	1.9	41
2	Dissecting the shared genetic basis of migraine and mental disorders using novel statistical tools. Brain, 2022, 145, 142-153.	3.7	27
3	Dose-dependent transcriptional effects of lithium and adverse effect burden in a psychiatric cohort. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 112, 110408.	2.5	6
4	Boosting Schizophrenia Genetics by Utilizing Genetic Overlap With Brain Morphology. Biological Psychiatry, 2022, 92, 291-298.	0.7	20
5	Identification of genetic overlap and novel risk loci for attention-deficit/hyperactivity disorder and bipolar disorder. Molecular Psychiatry, 2021, 26, 4055-4065.	4.1	31
6	Genetic control of variability in subcortical and intracranial volumes. Molecular Psychiatry, 2021, 26, 3876-3883.	4.1	6
7	Genome-wide Association Analysis of Parkinsonâ€™s Disease and Schizophrenia Reveals Shared Genetic Architecture and Identifies Novel Risk Loci. Biological Psychiatry, 2021, 89, 227-235.	0.7	53
8	Genetic loci shared between major depression and intelligence with mixed directions of effect. Nature Human Behaviour, 2021, 5, 795-801.	6.2	23
9	Genetic variants associated with cardiometabolic abnormalities during treatment with selective serotonin reuptake inhibitors: a genome-wide association study. Pharmacogenomics Journal, 2021, 21, 574-585.	0.9	5
10	Identification of pleiotropy at the gene level between psychiatric disorders and related traits. Translational Psychiatry, 2021, 11, 410.	2.4	7
11	Characterizing the Genetic Overlap Between Psychiatric Disorders and Sleep-Related Phenotypes. Biological Psychiatry, 2021, 90, 621-631.	0.7	24
12	Characterising the shared genetic determinants of bipolar disorder, schizophrenia and risk-taking. Translational Psychiatry, 2021, 11, 466.	2.4	15
13	Oxytocin-pathway polygenic scores for severe mental disorders and metabolic phenotypes in the UK Biobank. Translational Psychiatry, 2021, 11, 599.	2.4	2
14	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. Molecular Psychiatry, 2020, 25, 3053-3065.	4.1	80
15	Genome-wide analysis reveals extensive genetic overlap between schizophrenia, bipolar disorder, and intelligence. Molecular Psychiatry, 2020, 25, 844-853.	4.1	156
16	Childhood maltreatment and polygenic risk in bipolar disorders. Bipolar Disorders, 2020, 22, 174-181.	1.1	29
17	Shared Genetic Loci Between Body Mass Index and Major Psychiatric Disorders. JAMA Psychiatry, 2020, 77, 503.	6.0	82
18	Identification of Genetic Loci Shared Between Attention-Deficit/Hyperactivity Disorder, Intelligence, and Educational Attainment. Biological Psychiatry, 2020, 87, 1052-1062.	0.7	13

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19	Polygenic scores for schizophrenia and general cognitive ability: associations with six cognitive domains, premorbid intelligence, and cognitive composite score in individuals with a psychotic disorder and in healthy controls. <i>Translational Psychiatry</i> , 2020, 10, 416.	2.4	16
20	Phenotype-specific differences in polygenicity and effect size distribution across functional annotation categories revealed by Al-MiXeR. <i>Bioinformatics</i> , 2020, 36, 4749-4756.	1.8	6
21	Indicated association between polygenic risk score and treatment-resistance in a naturalistic sample of patients with schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2020, 218, 55-62.	1.1	26
22	Biophysical Psychiatry—How Computational Neuroscience Can Help to Understand the Complex Mechanisms of Mental Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 534.	1.3	19
23	Examining the association between genetic liability for schizophrenia and psychotic symptoms in Alzheimer's disease. <i>Translational Psychiatry</i> , 2019, 9, 273.	2.4	36
24	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	7.1	358
25	GBA and APOE ϵ 4 associate with sporadic dementia with Lewy bodies in European genome wide association study. <i>Scientific Reports</i> , 2019, 9, 7013.	1.6	53
26	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. <i>JAMA Psychiatry</i> , 2019, 76, 739.	6.0	195
27	Identification of common genetic risk variants for autism spectrum disorder. <i>Nature Genetics</i> , 2019, 51, 431-444.	9.4	1,538
28	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	13.5	935
29	Genome-wide meta-analysis identifies new loci and functional pathways influencing Alzheimer's disease risk. <i>Nature Genetics</i> , 2019, 51, 404-413.	9.4	1,625
30	Analysis of differentially methylated regions in great apes and extinct hominids provides support for the evolutionary hypothesis of schizophrenia. <i>Schizophrenia Research</i> , 2019, 206, 209-216.	1.1	1
31	Alterations in Schizophrenia-Associated Genes Can Lead to Increased Power in Delta Oscillations. <i>Cerebral Cortex</i> , 2019, 29, 875-891.	1.6	30
32	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.	2.3	85
33	Association of Heritable Cognitive Ability and Psychopathology With White Matter Properties in Children and Adolescents. <i>JAMA Psychiatry</i> , 2018, 75, 287.	6.0	88
34	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.	0.3	30
35	Identification of shared genetic variants between schizophrenia and lung cancer. <i>Scientific Reports</i> , 2018, 8, 674.	1.6	33
36	Effects of autozygosity and schizophrenia polygenic risk on cognitive and brain developmental trajectories. <i>European Journal of Human Genetics</i> , 2018, 26, 1049-1059.	1.4	10

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37	A molecule-based genetic association approach implicates a range of voltage-gated calcium channels associated with schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 454-467.	1.1	12
38	Meta-analysis of Alzheimer's disease on 9,751 samples from Norway and IGAP study identifies four risk loci. <i>Scientific Reports</i> , 2018, 8, 18088.	1.6	47
39	Cross-tissue eQTL enrichment of associations in schizophrenia. <i>PLoS ONE</i> , 2018, 13, e0202812.	1.1	6
40	Enrichment of genetic markers of recent human evolution in educational and cognitive traits. <i>Scientific Reports</i> , 2018, 8, 12585.	1.6	9
41	Stability of the Brain Functional Connectome Fingerprint in Individuals With Schizophrenia. <i>JAMA Psychiatry</i> , 2018, 75, 749.	6.0	28
42	Recently evolved human-specific methylated regions are enriched in schizophrenia signals. <i>BMC Evolutionary Biology</i> , 2018, 18, 63.	3.2	18
43	Vitamin D levels, brain volume, and genetic architecture in patients with psychosis. <i>PLoS ONE</i> , 2018, 13, e0200250.	1.1	11
44	Identification of Gene Loci That Overlap Between Schizophrenia and Educational Attainment. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw085.	2.3	56
45	Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. <i>JAMA Neurology</i> , 2017, 74, 780.	4.5	245
46	Bromodomain protein 4 discriminates tissue-specific super-enhancers containing disease-specific susceptibility loci in prostate and breast cancer. <i>BMC Genomics</i> , 2017, 18, 270.	1.2	26
47	Task modulations and clinical manifestations in the brain functional connectome in 1615 fMRI datasets. <i>NeuroImage</i> , 2017, 147, 243-252.	2.1	41
48	Identification of Genetic Loci Jointly Influencing Schizophrenia Risk and the Cognitive Traits of Verbal-Numerical Reasoning, Reaction Time, and General Cognitive Function. <i>JAMA Psychiatry</i> , 2017, 74, 1065.	6.0	123
49	Distinct multivariate brain morphological patterns and their added predictive value with cognitive and polygenic risk scores in mental disorders. <i>NeuroImage: Clinical</i> , 2017, 15, 719-731.	1.4	89
50	Analysis of the joint effect of SNPs to identify independent loci and allelic heterogeneity in schizophrenia GWAS data. <i>Translational Psychiatry</i> , 2017, 7, 1289.	2.4	4
51	Probing the Association between Early Evolutionary Markers and Schizophrenia. <i>PLoS ONE</i> , 2017, 12, e0169227.	1.1	17
52	Shared genetic risk between migraine and coronary artery disease: A genome-wide analysis of common variants. <i>PLoS ONE</i> , 2017, 12, e0185663.	1.1	44
53	Contribution of oxytocin receptor polymorphisms to amygdala activation in schizophrenia spectrum disorders. <i>BJPsych Open</i> , 2016, 2, 353-358.	0.3	11
54	Leveraging Genomic Annotations and Pleiotropic Enrichment for Improved Replication Rates in Schizophrenia GWAS. <i>PLoS Genetics</i> , 2016, 12, e1005803.	1.5	34

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55	<i>VRK2</i> gene expression in schizophrenia, bipolar disorder and healthy controls. <i>British Journal of Psychiatry</i> , 2016, 209, 114-120.	1.7	17
56	Pleiotropic Analysis of Lung Cancer and Blood Triglycerides. <i>Journal of the National Cancer Institute</i> , 2016, 108, djw167.	3.0	17
57	Functional Effects of Schizophrenia-Linked Genetic Variants on Intrinsic Single-Neuron Excitability: A Modeling Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 49-59.	1.1	21
58	Genetic overlap between multiple sclerosis and several cardiovascular disease risk factors. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1783-1793.	1.4	25
59	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. <i>Biological Psychiatry</i> , 2016, 80, 284-292.	0.7	92
60	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. <i>Circulation Research</i> , 2016, 118, 83-94.	2.0	52
61	Altered Brain Activation during Emotional Face Processing in Relation to Both Diagnosis and Polygenic Risk of Bipolar Disorder. <i>PLoS ONE</i> , 2015, 10, e0134202.	1.1	54
62	Genetic Sharing with Cardiovascular Disease Risk Factors and Diabetes Reveals Novel Bone Mineral Density Loci. <i>PLoS ONE</i> , 2015, 10, e0144531.	1.1	14
63	Association between Genetic Variation in the Oxytocin Receptor Gene and Emotional Withdrawal, but not between Oxytocin Pathway Genes and Diagnosis in Psychotic Disorders. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 9.	1.0	43
64	Polygenic risk scores in bipolar disorder subgroups. <i>Journal of Affective Disorders</i> , 2015, 183, 310-314.	2.0	24
65	Large-scale genomics unveil polygenic architecture of human cortical surface area. <i>Nature Communications</i> , 2015, 6, 7549.	5.8	30
66	MicroRNAs enrichment in GWAS of complex human phenotypes. <i>BMC Genomics</i> , 2015, 16, 304.	1.2	24
67	Polygenic Risk for Schizophrenia Associated With Working Memory-related Prefrontal Brain Activation in Patients With Schizophrenia and Healthy Controls. <i>Schizophrenia Bulletin</i> , 2015, 41, 736-743.	2.3	62
68	Shared common variants in prostate cancer and blood lipids. <i>International Journal of Epidemiology</i> , 2014, 43, 1205-1214.	0.9	45
69	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013, 45, 1150-1159.	9.4	1,395
70	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013, 45, 912-917.	9.4	338