

# 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	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
2	Identification of common genetic risk variants for autism spectrum disorder. <i>Nature Genetics</i> , 2019, 51, 431-444.	9.4	1,538
3	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013, 45, 1150-1159.	9.4	1,395
4	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	13.5	935
5	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
6	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013, 45, 912-917.	9.4	338
7	Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. <i>JAMA Neurology</i> , 2017, 74, 780.	4.5	245
8	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. <i>JAMA Psychiatry</i> , 2019, 76, 739.	6.0	195
9	Genome-wide analysis reveals extensive genetic overlap between schizophrenia, bipolar disorder, and intelligence. <i>Molecular Psychiatry</i> , 2020, 25, 844-853.	4.1	156
10	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
11	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. <i>Biological Psychiatry</i> , 2016, 80, 284-292.	0.7	92
12	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
13	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
14	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
15	Shared Genetic Loci Between Body Mass Index and Major Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2020, 77, 503.	6.0	82
16	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020, 25, 3053-3065.	4.1	80
17	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
18	Identification of Gene Loci That Overlap Between Schizophrenia and Educational Attainment. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw085.	2.3	56

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19	Altered Brain Activation during Emotional Face Processing in Relation to Both Diagnosis and Polygenic Risk of Bipolar Disorder. PLoS ONE, 2015, 10, e0134202.	1.1	54
20	GBA and APOE $\epsilon$ 4 associate with sporadic dementia with Lewy bodies in European genome wide association study. Scientific Reports, 2019, 9, 7013.	1.6	53
21	Genome-wide Association Analysis of Parkinson's Disease and Schizophrenia Reveals Shared Genetic Architecture and Identifies Novel Risk Loci. Biological Psychiatry, 2021, 89, 227-235.	0.7	53
22	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. Circulation Research, 2016, 118, 83-94.	2.0	52
23	Meta-analysis of Alzheimer's disease on 9,751 samples from Norway and ICAP study identifies four risk loci. Scientific Reports, 2018, 8, 18088.	1.6	47
24	Shared common variants in prostate cancer and blood lipids. International Journal of Epidemiology, 2014, 43, 1205-1214.	0.9	45
25	Shared genetic risk between migraine and coronary artery disease: A genome-wide analysis of common variants. PLoS ONE, 2017, 12, e0185663.	1.1	44
26	Association between Genetic Variation in the Oxytocin Receptor Gene and Emotional Withdrawal, but not between Oxytocin Pathway Genes and Diagnosis in Psychotic Disorders. Frontiers in Human Neuroscience, 2015, 9, 9.	1.0	43
27	Task modulations and clinical manifestations in the brain functional connectome in 1615 fMRI datasets. NeuroImage, 2017, 147, 243-252.	2.1	41
28	In vivo hippocampal subfield volumes in bipolar disorder: A mega-analysis from The Enhancing Neuro Imaging Genetics through Meta-Analysis Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 385-398.	1.9	41
29	Examining the association between genetic liability for schizophrenia and psychotic symptoms in Alzheimer's disease. Translational Psychiatry, 2019, 9, 273.	2.4	36
30	Leveraging Genomic Annotations and Pleiotropic Enrichment for Improved Replication Rates in Schizophrenia GWAS. PLoS Genetics, 2016, 12, e1005803.	1.5	34
31	Identification of shared genetic variants between schizophrenia and lung cancer. Scientific Reports, 2018, 8, 674.	1.6	33
32	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
33	Large-scale genomics unveil polygenic architecture of human cortical surface area. Nature Communications, 2015, 6, 7549.	5.8	30
34	Novel Loci Associated With Attention-Deficit/Hyperactivity Disorder Are Revealed by Leveraging Polygenic Overlap With Educational Attainment. Journal of the American Academy of Child and Adolescent Psychiatry, 2018, 57, 86-95.	0.3	30
35	Alterations in Schizophrenia-Associated Genes Can Lead to Increased Power in Delta Oscillations. Cerebral Cortex, 2019, 29, 875-891.	1.6	30
36	Childhood maltreatment and polygenic risk in bipolar disorders. Bipolar Disorders, 2020, 22, 174-181.	1.1	29

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37	Stability of the Brain Functional Connectome Fingerprint in Individuals With Schizophrenia. <i>JAMA Psychiatry</i> , 2018, 75, 749.	6.0	28
38	Dissecting the shared genetic basis of migraine and mental disorders using novel statistical tools. <i>Brain</i> , 2022, 145, 142-153.	3.7	27
39	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
40	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
41	Genetic overlap between multiple sclerosis and several cardiovascular disease risk factors. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1783-1793.	1.4	25
42	Polygenic risk scores in bipolar disorder subgroups. <i>Journal of Affective Disorders</i> , 2015, 183, 310-314.	2.0	24
43	MicroRNAs enrichment in GWAS of complex human phenotypes. <i>BMC Genomics</i> , 2015, 16, 304.	1.2	24
44	Characterizing the Genetic Overlap Between Psychiatric Disorders and Sleep-Related Phenotypes. <i>Biological Psychiatry</i> , 2021, 90, 621-631.	0.7	24
45	Genetic loci shared between major depression and intelligence with mixed directions of effect. <i>Nature Human Behaviour</i> , 2021, 5, 795-801.	6.2	23
46	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
47	Boosting Schizophrenia Genetics by Utilizing Genetic Overlap With Brain Morphology. <i>Biological Psychiatry</i> , 2022, 92, 291-298.	0.7	20
48	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
49	Recently evolved human-specific methylated regions are enriched in schizophrenia signals. <i>BMC Evolutionary Biology</i> , 2018, 18, 63.	3.2	18
50	<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
51	Pleiotropic Analysis of Lung Cancer and Blood Triglycerides. <i>Journal of the National Cancer Institute</i> , 2016, 108, djw167.	3.0	17
52	Probing the Association between Early Evolutionary Markers and Schizophrenia. <i>PLoS ONE</i> , 2017, 12, e0169227.	1.1	17
53	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
54	Characterising the shared genetic determinants of bipolar disorder, schizophrenia and risk-taking. <i>Translational Psychiatry</i> , 2021, 11, 466.	2.4	15

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55	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
56	Identification of Genetic Loci Shared Between Attention-Deficit/Hyperactivity Disorder, Intelligence, and Educational Attainment. <i>Biological Psychiatry</i> , 2020, 87, 1052-1062.	0.7	13
57	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
58	Contribution of oxytocin receptor polymorphisms to amygdala activation in schizophrenia spectrum disorders. <i>BJPsych Open</i> , 2016, 2, 353-358.	0.3	11
59	Vitamin D levels, brain volume, and genetic architecture in patients with psychosis. <i>PLoS ONE</i> , 2018, 13, e0200250.	1.1	11
60	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
61	Enrichment of genetic markers of recent human evolution in educational and cognitive traits. <i>Scientific Reports</i> , 2018, 8, 12585.	1.6	9
62	Identification of pleiotropy at the gene level between psychiatric disorders and related traits. <i>Translational Psychiatry</i> , 2021, 11, 410.	2.4	7
63	Cross-tissue eQTL enrichment of associations in schizophrenia. <i>PLoS ONE</i> , 2018, 13, e0202812.	1.1	6
64	Phenotype-specific differences in polygenicity and effect size distribution across functional annotation categories revealed by AI-MiXeR. <i>Bioinformatics</i> , 2020, 36, 4749-4756.	1.8	6
65	Genetic control of variability in subcortical and intracranial volumes. <i>Molecular Psychiatry</i> , 2021, 26, 3876-3883.	4.1	6
66	Dose-dependent transcriptional effects of lithium and adverse effect burden in a psychiatric cohort. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 112, 110408.	2.5	6
67	Genetic variants associated with cardiometabolic abnormalities during treatment with selective serotonin reuptake inhibitors: a genome-wide association study. <i>Pharmacogenomics Journal</i> , 2021, 21, 574-585.	0.9	5
68	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
69	Oxytocin-pathway polygenic scores for severe mental disorders and metabolic phenotypes in the UK Biobank. <i>Translational Psychiatry</i> , 2021, 11, 599.	2.4	2
70	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