Miruna C Barbu

List of Publications by Year
in descending order

19 papers	2,527 citations	933447 10 h-index	794594 19 g-index
29 all docs	29 docs citations	29 times ranked	4849 citing authors

#	Article	IF	Citations
1	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. Nature Neuroscience, 2019, 22, 343-352.	14.8	1,589
2	Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. Nature Communications, 2018, 9, 1470.	12.8	415
3	Associations between vascular risk factors and brain MRI indices in UK Biobank. European Heart Journal, 2019, 40, 2290-2300.	2.2	204
4	Structural brain correlates of serum and epigenetic markers of inflammation in major depressive disorder. Brain, Behavior, and Immunity, 2021, 92, 39-48.	4.1	53
5	Epigenetic prediction of major depressive disorder. Molecular Psychiatry, 2021, 26, 5112-5123.	7.9	44
6	Reversal of proliferation deficits caused by chromosome 16p13.11 microduplication through targeting NFÎºB signaling: an integrated study of patient-derived neuronal precursor cells, cerebral organoids and in vivo brain imaging. Molecular Psychiatry, 2019, 24, 294-311.	7.9	36
7	Automated classification of depression from structural brain measures across two independent communityâ€based cohorts. Human Brain Mapping, 2020, 41, 3922-3937.	3.6	27
8	Grey and white matter associations of psychotic-like experiences in a general population sample (UK) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	18
9	Addendum: Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. Nature Communications, 2018, 9, 3578.	12.8	16
10	Association of Whole-Genome and NETRIN1 Signaling Pathwayâ€“Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 91-100.	1.5	16
11	Brain structural associations with depression in a large early adolescent sample (the ABCD studyÂ®). EClinicalMedicine, 2021, 42, 101204.	7.1	16
12	DNA methylome-wide association study of genetic risk for depression implicates antigen processing and immune responses. Genome Medicine, 2022, 14, 36.	8.2	16
13	Hair glucocorticoids are associated with childhood adversity, depressive symptoms and reduced global and lobar grey matter in Generation Scotland. Translational Psychiatry, 2021, 11, 523.	4.8	13
14	Methylome-wide association study of antidepressant use in Generation Scotland and the Netherlands Twin Register implicates the innate immune system. Molecular Psychiatry, 2022, 27, 1647-1657.	7.9	10
15	Expression quantitative trait loci-derived scores and white matter microstructure in UK Biobank: a novel approach to integrating genetics and neuroimaging. Translational Psychiatry, 2020, 10, 55.	4.8	8
16	Methylome-wide association study of early life stressors and adult mental health. Human Molecular Genetics, 2022, 31, 651-664.	2.9	7
17	Structural neuroimaging measures and lifetime depression across levels of phenotyping in UK biobank. Translational Psychiatry, 2022, 12, 157.	4.8	7
18	Complex trait methylation scores in the prediction of major depressive disorder. EBioMedicine, 2022, 79, 104000.	6.1	4

#	Article	IF	Citations
19	Epigenome-wide association study of global cortical volumes in generation Scotland: Scottish family health study. Epigenetics, 2022, 17, 1143-1158.	2.7	3