

Michael Wainberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/507644/publications.pdf>

Version: 2024-02-01

30
papers

2,698
citations

567144

15
h-index

677027

22
g-index

32
all docs

32
docs citations

32
times ranked

5921
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunities and challenges for transcriptome-wide association studies. <i>Nature Genetics</i> , 2019, 51, 592-599.	9.4	592
2	Deep learning in biomedicine. <i>Nature Biotechnology</i> , 2018, 36, 829-838.	9.4	409
3	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019, 51, 76-87.	9.4	377
4	Genetics of 35 blood and urine biomarkers in the UK Biobank. <i>Nature Genetics</i> , 2021, 53, 185-194.	9.4	377
5	Genome-scale measurement of off-target activity using Cas9 toxicity in high-throughput screens. <i>Nature Communications</i> , 2017, 8, 15178.	5.8	284
6	CRISPR screens in cancer spheroids identify 3D growth-specific vulnerabilities. <i>Nature</i> , 2020, 580, 136-141.	13.7	203
7	Mitigation of off-target toxicity in CRISPR-Cas9 screens for essential non-coding elements. <i>Nature Communications</i> , 2019, 10, 4063.	5.8	104
8	A genome-wide atlas of co-essential modules assigns function to uncharacterized genes. <i>Nature Genetics</i> , 2021, 53, 638-649.	9.4	86
9	Predicting gene expression in massively parallel reporter assays: A comparative study. <i>Human Mutation</i> , 2017, 38, 1240-1250.	1.1	39
10	Cannabis, schizophrenia genetic risk, and psychotic experiences: a cross-sectional study of 109,308 participants from the UK Biobank. <i>Translational Psychiatry</i> , 2021, 11, 211.	2.4	35
11	Homogeneity in the association of body mass index with type 2 diabetes across the UK Biobank: A Mendelian randomization study. <i>PLoS Medicine</i> , 2019, 16, e1002982.	3.9	34
12	Rare protein-altering variants in ANGPTL7 lower intraocular pressure and protect against glaucoma. <i>PLoS Genetics</i> , 2020, 16, e1008682.	1.5	31
13	Association of accelerometer-derived sleep measures with lifetime psychiatric diagnoses: A cross-sectional study of 89,205 participants from the UK Biobank. <i>PLoS Medicine</i> , 2021, 18, e1003782.	3.9	28
14	High-Throughput Characterization of Cascade type I-E CRISPR Guide Efficacy Reveals Unexpected PAM Diversity and Target Sequence Preferences. <i>Genetics</i> , 2017, 206, 1727-1738.	1.2	23
15	Multiomic blood correlates of genetic risk identify presymptomatic disease alterations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21813-21820.	3.3	22
16	Neurobiological, familial and genetic risk factors for dimensional psychopathology in the Adolescent Brain Cognitive Development study. <i>Molecular Psychiatry</i> , 2022, 27, 2731-2741.	4.1	14
17	Clinical laboratory tests and five-year incidence of major depressive disorder: a prospective cohort study of 433,890 participants from the UK Biobank. <i>Translational Psychiatry</i> , 2021, 11, 380.	2.4	12
18	Deletion of Loss-of-Function Intolerant Genes and Risk of 5 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2022, 79, 78.	6.0	8

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19	Multiscale neural signatures of major depressive, anxiety, and stress-related disorders. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	5
20	Predicting causal genes from psychiatric genome-wide association studies using high-level etiological knowledge. Molecular Psychiatry, 2022, 27, 3095-3106.	4.1	4
21	Symptom dimensions of major depression in a large community-based cohort. Psychological Medicine, 2021, , 1-8.	2.7	3
22	Rare protein-altering variants in ANGPTL7 lower intraocular pressure and protect against glaucoma. , 2020, 16, e1008682.		0
23	Rare protein-altering variants in ANGPTL7 lower intraocular pressure and protect against glaucoma. , 2020, 16, e1008682.		0
24	Rare protein-altering variants in ANGPTL7 lower intraocular pressure and protect against glaucoma. , 2020, 16, e1008682.		0
25	Rare protein-altering variants in ANGPTL7 lower intraocular pressure and protect against glaucoma. , 2020, 16, e1008682.		0
26	Title is missing!. , 2019, 16, e1002982.		0
27	Title is missing!. , 2019, 16, e1002982.		0
28	Title is missing!. , 2019, 16, e1002982.		0
29	Title is missing!. , 2019, 16, e1002982.		0
30	Title is missing!. , 2019, 16, e1002982.		0