

# Gilles Maussion

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

2,380  
citations

257357

24  
h-index

315616

38  
g-index

51  
all docs

51  
docs citations

51  
times ranked

4068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide Epigenetic Regulation by Early-Life Trauma. Archives of General Psychiatry, 2012, 69, 722-31.	13.8	424
2	miR-1202 is a primate-specific and brain-enriched microRNA involved in major depression and antidepressant treatment. Nature Medicine, 2014, 20, 764-768.	15.2	266
3	Astrocytic Hypertrophy in Anterior Cingulate White Matter of Depressed Suicides. Neuropsychopharmacology, 2011, 36, 2650-2658.	2.8	185
4	Genome-Wide Methylation Changes in the Brains of Suicide Completers. American Journal of Psychiatry, 2013, 170, 511-520.	4.0	165
5	DYRK1A interacts with the REST/NRSF-SWI/SNF chromatin remodelling complex to deregulate gene clusters involved in the neuronal phenotypic traits of Down syndrome. Human Molecular Genetics, 2009, 18, 1405-1414.	1.4	128
6	Monoamine oxidase a gene promoter methylation and transcriptional downregulation in an offender population with antisocial personality disorder. British Journal of Psychiatry, 2015, 206, 216-222.	1.7	91
7	SLC25A12 expression is associated with neurite outgrowth and is upregulated in the prefrontal cortex of autistic subjects. Molecular Psychiatry, 2008, 13, 385-397.	4.1	82
8	Convergent evidence identifying MAP/microtubule affinity-regulating kinase 1 (MARK1) as a susceptibility gene for autism. Human Molecular Genetics, 2008, 17, 2541-2551.	1.4	78
9	SMARCA2 and other genome-wide supported schizophrenia-associated genes: regulation by REST/NRSF, network organization and primate-specific evolution. Human Molecular Genetics, 2010, 19, 2841-2857.	1.4	78
10	Regulation of a Truncated Form of Tropomyosin-Related Kinase B (TrkB) by Hsa-miR-185* in Frontal Cortex of Suicide Completers. PLoS ONE, 2012, 7, e39301.	1.1	71
11	Epigenetic Regulation of the Kappa Opioid Receptor by Child Abuse. Biological Psychiatry, 2018, 84, 751-761.	0.7	68
12	Molecular Convergence of Neurodevelopmental Disorders. American Journal of Human Genetics, 2014, 95, 490-508.	2.6	64
13	Disruption of a Large Intergenic Noncoding RNA in Subjects with Neurodevelopmental Disabilities. American Journal of Human Genetics, 2012, 91, 1128-1134.	2.6	61
14	Functional DNA methylation in a transcript specific 3'UTR region of TrkB associates with suicide. Epigenetics, 2014, 9, 1061-1070.	1.3	58
15	Disruption of GRIN2B Impairs Differentiation in Human Neurons. Stem Cell Reports, 2018, 11, 183-196.	2.3	53
16	Implication of <i>LRRC4C</i> and <i>DPP6</i> in neurodevelopmental disorders. American Journal of Medical Genetics, Part A, 2017, 173, 395-406.	0.7	40
17	Characterization of human iPSC-derived astrocytes with potential for disease modeling and drug discovery. Neuroscience Letters, 2020, 731, 135028.	1.0	40
18	A Multistep Workflow to Evaluate Newly Generated iPSCs and Their Ability to Generate Different Cell Types. Methods and Protocols, 2021, 4, 50.	0.9	40

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19	A molecular model for neurodevelopmental disorders. <i>Translational Psychiatry</i> , 2015, 5, e565-e565.	2.4	38
20	Midbrain organoids with an <i>SNCA</i> gene triplication model key features of synucleinopathy. <i>Brain Communications</i> , 2021, 3, fcab223.	1.5	37
21	A de novo frameshift mutation in chromodomain helicase DNA-binding domain 8 (CHD8): A case report and literature review. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1225-1235.	0.7	36
22	<i>Ret</i> deficiency in mice impairs the development of A5 and A6 neurons and the functional maturation of the respiratory rhythm. <i>European Journal of Neuroscience</i> , 2005, 22, 2403-2412.	1.2	35
23	<i>Nrxn3</i> upregulation in the globus pallidus of mice developing cocaine addiction. <i>NeuroReport</i> , 2008, 19, 751-755.	0.6	30
24	Medium throughput bisulfite sequencing for accurate detection of 5-methylcytosine and 5-hydroxymethylcytosine. <i>BMC Genomics</i> , 2017, 18, 96.	1.2	29
25	Investigation of genes important in neurodevelopment disorders in adult human brain. <i>Human Genetics</i> , 2015, 134, 1037-1053.	1.8	28
26	Regulation of impulsive and aggressive behaviours by a novel lncRNA. <i>Molecular Psychiatry</i> , 2021, 26, 3751-3764.	4.1	24
27	A Rapid Pipeline to Model Rare Neurodevelopmental Disorders with Simultaneous CRISPR/Cas9 Gene Editing. <i>Stem Cells Translational Medicine</i> , 2017, 6, 886-896.	1.6	19
28	<i>Nrsf</i> silencing induces molecular and subcellular changes linked to neuronal plasticity. <i>NeuroReport</i> , 2007, 18, 441-446.	0.6	17
29	Stimulation of L-type calcium channels increases tyrosine hydroxylase and dopamine in ventral midbrain cells induced from somatic cells. <i>Stem Cells Translational Medicine</i> , 2020, 9, 697-712.	1.6	17
30	Increased expression of BDNF mRNA in the frontal cortex of autistic patients. <i>Behavioural Brain Research</i> , 2019, 359, 903-909.	1.2	11
31	Patient-Derived Stem Cells, Another in vitro Model, or the Missing Link Toward Novel Therapies for Autism Spectrum Disorders?. <i>Frontiers in Pediatrics</i> , 2019, 7, 225.	0.9	10
32	Auto-qPCR; a python-based web app for automated and reproducible analysis of qPCR data. <i>Scientific Reports</i> , 2021, 11, 21293.	1.6	10
33	Primate-Accelerated Evolutionary Genes: Novel Routes to Drug Discovery in Psychiatric Disorders. <i>Current Medicinal Chemistry</i> , 2010, 17, 1300-1316.	1.2	9
34	Methylation of the tyrosine hydroxylase gene is dysregulated by cocaine dependence in the human striatum. <i>iScience</i> , 2021, 24, 103169.	1.9	8
35	Induced Pluripotent Stem Cells; New Tools for Investigating Molecular Mechanisms in Anorexia Nervosa. <i>Frontiers in Nutrition</i> , 2019, 6, 118.	1.6	6
36	FOXG1 dose tunes cell proliferation dynamics in human forebrain progenitor cells. <i>Stem Cell Reports</i> , 2022, 17, 475-488.	2.3	4

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37	Bipolar Disorder and a History of Suicide Attempts With a Duplication in 5HT1A. American Journal of Psychiatry, 2012, 169, 1213-1214.	4.0	3
38	Netrin G1: its downregulation in the nucleus accumbens of cocaine- conditioned mice and genetic association in human cocaine dependence. Addiction Biology, 2018, 23, 448-460.	1.4	3
39	Standardized Quality Control Workflow to Evaluate the Reproducibility and Differentiation Potential of Human iPSCs into Neurons. SSRN Electronic Journal, 0, , .	0.4	2
40	Cover Image, Volume 173A, Number 2, February 2017. American Journal of Medical Genetics, Part A, 2017, 173, i.	0.7	0
41	DNA Methylation of a Novel Regulatory Element Within the Tyrosine Hydroxylase Gene (TH) is Dysregulated by Chronic Cocaine Dependence in the Human Striatum. SSRN Electronic Journal, 0, , .	0.4	0
42	Investigating the pathophysiology of anorexia nervosa using induced pluripotent stem cells. , 2021, , 293-323.		0
43	Human induced pluripotent stem cell-based studies; a new route toward modeling autism spectrum disorders. , 2021, , 37-81.		0