Gilles Maussion

List of Publications by Year
in descending order

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	FOXG1 dose tunes cell proliferation dynamics in human forebrain progenitor cells. Stem Cell Reports, 2022, 17, 475-488.	2.3	4
2	Regulation of impulsive and aggressive behaviours by a novel lncRNA. Molecular Psychiatry, 2021, 26, 3751-3764.	4.1	24
3	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
4	Methylation of the tyrosine hydroxylase gene is dysregulated by cocaine dependence in the human striatum. IScience, 2021, 24, 103169.	1.9	8
5	Midbrain organoids with anSNCAgene triplication model key features of synucleinopathy. Brain Communications, 2021, 3, fcab223.	1.5	37
6	Investigating the pathophysiology of anorexia nervosa using induced pluripotent stem cells. , 2021, , 293-323.		0
7	Human induced pluripotent stem cell-based studies; a new route toward modeling autism spectrum disorders. , 2021, , 37-81.		0
8	Auto-qPCR; a python-based web app for automated and reproducible analysis of qPCR data. Scientific Reports, 2021, 11, 21293.	1.6	10
9	Characterization of human iPSC-derived astrocytes with potential for disease modeling and drug discovery. Neuroscience Letters, 2020, 731, 135028.	1.0	40
10	Stimulation of L-type calcium channels increases tyrosine hydroxylase and dopamine in ventral midbrain cells induced from somatic cells. Stem Cells Translational Medicine, 2020, 9, 697-712.	1.6	17
11	Increased expression of BDNF mRNA in the frontal cortex of autistic patients. Behavioural Brain Research, 2019, 359, 903-909.	1.2	11
12	Patient-Derived Stem Cells, Another in vitro Model, or the Missing Link Toward Novel Therapies for Autism Spectrum Disorders?. Frontiers in Pediatrics, 2019, 7, 225.	0.9	10
13	Induced Pluripotent Stem Cells; New Tools for Investigating Molecular Mechanisms in Anorexia Nervosa. Frontiers in Nutrition, 2019, 6, 118.	1.6	6
14	Netrin G1: its downregulation in the nucleus accumbens of cocaineâ€conditioned mice and genetic association in human cocaine dependence. Addiction Biology, 2018, 23, 448-460.	1.4	3
15	Epigenetic Regulation of the Kappa Opioid Receptor by Child Abuse. Biological Psychiatry, 2018, 84, 751-761.	0.7	68
16	Disruption of GRIN2B Impairs Differentiation in Human Neurons. Stem Cell Reports, 2018, 11, 183-196.	2.3	53
17	Cover Image, Volume 173A, Number 2, February 2017. American Journal of Medical Genetics, Part A, 2017, 173, i.	0.7	0
18	A Rapid Pipeline to Model Rare Neurodevelopmental Disorders with Simultaneous CRISPR/Cas9 Gene Editing. Stem Cells Translational Medicine, 2017, 6, 886-896.	1.6	19

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19	Medium throughput bisulfite sequencing for accurate detection of 5-methylcytosine and 5-hydroxymethylcytosine. BMC Genomics, 2017, 18, 96.	1.2	29
20	Implication of LRRC4C and DPP6 in neurodevelopmental disorders. American Journal of Medical Genetics, Part A, 2017, 173, 395-406.	0.7	40
21	A de novo frameshift mutation in chromodomain helicase DNAâ€binding domain 8 (CHD8): A case report and literature review. American Journal of Medical Genetics, Part A, 2016, 170, 1225-1235.	0.7	36
22	A molecular model for neurodevelopmental disorders. Translational Psychiatry, 2015, 5, e565-e565.	2.4	38
23	Investigation of genes important in neurodevelopment disorders in adult human brain. Human Genetics, 2015, 134, 1037-1053.	1.8	28
24	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
25	Functional DNA methylation in a transcript specific 3â€²UTR region of TrkB associates with suicide. Epigenetics, 2014, 9, 1061-1070.	1.3	58
26	Molecular Convergence of Neurodevelopmental Disorders. American Journal of Human Genetics, 2014, 95, 490-508.	2.6	64
27	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
28	Genome-Wide Methylation Changes in the Brains of Suicide Completers. American Journal of Psychiatry, 2013, 170, 511-520.	4.0	165
29	Genome-wide Epigenetic Regulation by Early-Life Trauma. Archives of General Psychiatry, 2012, 69, 722-31.	13.8	424
30	Bipolar Disorder and a History of Suicide Attempts With a Duplication in 5HTR1A. American Journal of Psychiatry, 2012, 169, 1213-1214.	4.0	3
31	Disruption of a Large Intergenic Noncoding RNA in Subjects with Neurodevelopmental Disabilities. American Journal of Human Genetics, 2012, 91, 1128-1134.	2.6	61
32	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
33	Astrocytic Hypertrophy in Anterior Cingulate White Matter of Depressed Suicides. Neuropsychopharmacology, 2011, 36, 2650-2658.	2.8	185
34	Primate-Accelerated Evolutionary Genes: Novel Routes to Drug Discovery in Psychiatric Disorders. Current Medicinal Chemistry, 2010, 17, 1300-1316.	1.2	9
35	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
36	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

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37	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
38	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
39	Nrxn3 upregulation in the globus pallidus of mice developing cocaine addiction. NeuroReport, 2008, 19, 751-755.	0.6	30
40	Nrsf silencing induces molecular and subcellular changes linked to neuronal plasticity. NeuroReport, 2007, 18, 441-446.	0.6	17
41	Ret deficiency in mice impairs the development of A5 and A6 neurons and the functional maturation of the respiratory rhythm. European Journal of Neuroscience, 2005, 22, 2403-2412.	1.2	35
42	Standardized Quality Control Workflow to Evaluate the Reproducibility and Differentiation Potential of Human iPSCs into Neurons. SSRN Electronic Journal, 0, , .	0.4	2
43	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