Rodney C Samaco

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	3,303 citations	22 h-index	37 g-index
37 ext. papers	3,759 ext. citations	12.7 avg, IF	4.75 L-index

#	Paper	IF	Citations
31	Anxiety in Angelman Syndrome.. *American Journal on Intellectual and Developmental Disabilities*, **2022**, 127, 1-10	2.2	
30	Identifying genetic determinants of inflammatory pain in mice using a large-scale gene-targeted screen.. *Pain*, **2022**, 163, 1139-1157	8	0
29	Improving clinical trial readiness to accelerate development of new therapeutics for Rett syndrome.. *Orphanet Journal of Rare Diseases*, **2022**, 17, 108	4.2	0
28	Evaluating Two Common Strategies for Research Participant Recruitment Into Autism Studies: Observational Study. *Journal of Medical Internet Research*, **2020**, 22, e16752	7.6	5
27	Loss of MeCP2 Function Across Several Neuronal Populations Impairs Breathing Response to Acute Hypoxia. *Frontiers in Neurology*, **2020**, 11, 593554	4.1	4
26	Soft windowing application to improve analysis of high-throughput phenotyping data. *Bioinformatics*, **2020**, 36, 1492-1500	7.2	5
25	A framework for the investigation of rare genetic disorders in neuropsychiatry. *Nature Medicine*, **2019**, 25, 1477-1487	50.5	46
24	Intellectual and developmental disabilities research centers: Fifty years of scientific accomplishments. *Annals of Neurology*, **2019**, 86, 332-343	9.4	1
23	Rigor and reproducibility in rodent behavioral research. *Neurobiology of Learning and Memory*, **2019** , 165, 106780	3.1	33
22	Otud7a Knockout Mice Recapitulate Many Neurological Features of 15q13.3 Microdeletion Syndrome. *American Journal of Human Genetics*, **2018**, 102, 296-308	11	37
21	Genetic rodent models of brain disorders: Perspectives on experimental approaches and therapeutic strategies. *American Journal of Medical Genetics, Part C: Seminars in Medical Genetics*, **2017**, 175, 368-379	3.1	11
20	Current Perspectives in Autism Spectrum Disorder: From Genes to Therapy. *Journal of Neuroscience* , **2016**, 36, 11402-11410	6.6	39
19	Loss of MeCP2 Causes Urological Dysfunction and Contributes to Death by Kidney Failure in Mouse Models of Rett Syndrome. *PLoS ONE*, **2016**, 11, e0165550	3.7	11
18	Loss of MeCP2 in the rat models regression, impaired sociability and transcriptional deficits of Rett syndrome. *Human Molecular Genetics*, **2016**, 25, 3284-3302	5.6	38
17	Forniceal deep brain stimulation rescues hippocampal memory in Rett syndrome mice. *Nature*, **2015**, 526, 430-4	50.4	119
16	Female Mecp2(+/-) mice display robust behavioral deficits on two different genetic backgrounds providing a framework for pre-clinical studies. *Human Molecular Genetics*, **2013**, 22, 96-109	5.6	117
15	Crh and Oprm1 mediate anxiety-related behavior and social approach in a mouse model of MECP2 duplication syndrome. *Nature Genetics*, **2012**, 44, 206-11	36.3	109

14	Preclinical research in Rett syndrome: setting the foundation for translational success. *DMM Disease Models and Mechanisms*, **2012**, 5, 733-45	4.1	154
13	Complexities of Rett syndrome and MeCP2. *Journal of Neuroscience*, **2011**, 31, 7951-9	6.6	89
12	Adult neural function requires MeCP2. *Science*, **2011**, 333, 186	33.3	195
11	Dysfunction in GABA signalling mediates autism-like stereotypies and Rett syndrome phenotypes. *Nature*, **2010**, 468, 263-9	50.4	849
10	Loss of MeCP2 in aminergic neurons causes cell-autonomous defects in neurotransmitter synthesis and specific behavioral abnormalities. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 21966-71	11.5	198
9	miR-19, miR-101 and miR-130 co-regulate ATXN1 levels to potentially modulate SCA1 pathogenesis. *Nature Neuroscience*, **2008**, 11, 1137-9	25.5	182
8	Deletion of Mecp2 in Sim1-expressing neurons reveals a critical role for MeCP2 in feeding behavior, aggression, and the response to stress. *Neuron*, **2008**, 59, 947-58	13.9	202
7	A partial loss of function allele of methyl-CpG-binding protein 2 predicts a human neurodevelopmental syndrome. *Human Molecular Genetics*, **2008**, 17, 1718-27	5.6	157
6	Duplication of Atxn1l suppresses SCA1 neuropathology by decreasing incorporation of polyglutamine-expanded ataxin-1 into native complexes. *Nature Genetics*, **2007**, 39, 373-9	36.3	64
5	Expression of FoxP2 during zebrafish development and in the adult brain. *International Journal of Developmental Biology*, **2006**, 50, 435-8	1.9	22
4	Epigenetic overlap in autism-spectrum neurodevelopmental disorders: MECP2 deficiency causes reduced expression of UBE3A and GABRB3. *Human Molecular Genetics*, **2005**, 14, 483-92	5.6	339
3	Multiple pathways regulate MeCP2 expression in normal brain development and exhibit defects in autism-spectrum disorders. *Human Molecular Genetics*, **2004**, 13, 629-39	5.6	129
2	X-Chromosome inactivation ratios affect wild-type MeCP2 expression within mosaic Rett syndrome and Mecp2-/+ mouse brain. *Human Molecular Genetics*, **2004**, 13, 1275-86	5.6	85
1	MECP2 mutations in Rett syndrome adversely affect lymphocyte growth, but do not affect imprinted gene expression in blood or brain. *Human Genetics*, **2002**, 110, 545-52	6.3	62