Jim Selfridge

List of Publications by Year
in descending order

26 papers	4,353 citations	361045 20 h-index	580395 25 g-index
30 all docs	30 docs citations	30 times ranked	5376 citing authors

#	Article	IF	Citations
1	Reversal of Neurological Defects in a Mouse Model of Rett Syndrome. Science, 2007, 315, 1143-1147.	6.0	1,093
2	CpG islands influence chromatin structure via the CpG-binding protein Cfp1. Nature, 2010, 464, 1082-1086.	13.7	577
3	The Role of MeCP2 in the Brain. Annual Review of Cell and Developmental Biology, 2011, 27, 631-652.	4.0	388
4	Embryonic lethal phenotype reveals a function of TDG in maintaining epigenetic stability. Nature, 2011, 470, 419-423.	13.7	323
5	Rett syndrome mutations abolish the interaction of MeCP2 with the NCoR/SMRT co-repressor. Nature Neuroscience, 2013, 16, 898-902.	7.1	317
6	Enhanced CpG Mutability and Tumorigenesis in MBD4-Deficient Mice. Science, 2002, 297, 403-405.	6.0	294
7	Up-regulation of glucocorticoid-regulated genes in a mouse model of Rett syndrome. Human Molecular Genetics, 2005, 14, 2247-2256.	1.4	174
8	Kaiso-Deficient Mice Show Resistance to Intestinal Cancer. Molecular and Cellular Biology, 2006, 26, 199-208.	1.1	146
9	Morphological and functional reversal of phenotypes in a mouse model of Rett syndrome. Brain, 2012, 135, 2699-2710.	3.7	132
10	Radically truncated MeCP2 rescues Rett syndrome-like neurological defects. Nature, 2017, 550, 398-401.	13.7	121
11	MeCP2 recognizes cytosine methylated tri-nucleotide and di-nucleotide sequences to tune transcription in the mammalian brain. PLoS Genetics, 2017, 13, e1006793.	1.5	117
12	Base Excision by Thymine DNA Glycosylase Mediates DNA-Directed Cytotoxicity of 5-Fluorouracil. PLoS Biology, 2009, 7, e1000091.	2.6	100
13	A dominant role for the methyl-CpG-binding protein Mbd2 in controlling Th2 induction by dendritic cells. Nature Communications, 2015, 6, 6920.	5.8	87
14	Postnatal inactivation reveals enhanced requirement for MeCP2 at distinct age windows. Human Molecular Genetics, 2012, 21, 3806-3814.	1.4	84
15	The molecular basis of variable phenotypic severity among common missense mutations causing Rett syndrome. Human Molecular Genetics, 2016, 25, 558-570.	1.4	76
16	A single allele of Hdac2 but not Hdac1 is sufficient for normal mouse brain development in the absence of its paralog. Development (Cambridge), 2014, 141, 604-616.	1.2	70
17	Exclusive expression of MeCP2 in the nervous system distinguishes between brain and peripheral Rett syndrome-like phenotypes. Human Molecular Genetics, 2016, 25, ddw269.	1.4	57
18	Reduced seizure threshold and altered network oscillatory properties in a mouse model of Rett syndrome. Neuroscience, 2013, 231, 195-205.	1.1	52

#	Article	IF	Citations
19	SALL4 controls cell fate in response to DNA base composition. Molecular Cell, 2021, 81, 845-858.e8.	4.5	29
20	Neuronal non-CG methylation is an essential target for MeCP2 function. Molecular Cell, 2021, 81, 1260-1275.e12.	4.5	24
21	Toxicity of overexpressed MeCP2 is independent of HDAC3 activity. Genes and Development, 2018, 32, 1514-1524.	2.7	23
22	Affinity for DNA Contributes to NLS Independent Nuclear Localization of MeCP2. Cell Reports, 2018, 24, 2213-2220.	2.9	23
23	A mutation-led search for novel functional domains in MeCP2. Human Molecular Genetics, 2018, 27, 2531-2545.	1.4	22
24	Mice with DNA repair gene Ercc1 deficiency in a neural crest lineage are a model for late-onset Hirschsprung disease. DNA Repair, 2010, 9, 653-660.	1.3	17
25	An Orphan CpG Island Drives Expression of a let-7 miRNA Precursor with an Important Role in Mouse Development. Epigenomes, 2019, 3, 7.	0.8	2
26	Comparative analysis of potential broad-spectrum neuronal Cre drivers. Wellcome Open Research, 0, 7, 185.	0.9	1