

# Jim Selfridge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8365231/publications.pdf>

Version: 2024-02-01

26  
papers

4,353  
citations

361296

20  
h-index

580701

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

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