# Jim Selfridge

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 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 | SALL4 controls cell fate in response to DNA base composition. Molecular Cell, 2021, 81, 845-858.e8. | 4.5 | 29 |
| 2 | Neuronal non-CG methylation is an essential target for MeCP2 function. Molecular Cell, 2021, 81, 1260-1275.e12. | 4.5 | 24 |
| 3 | 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 |
| 4 | Toxicity of overexpressed MeCP2 is independent of HDAC3 activity. Genes and Development, 2018, 32, 1514-1524. | 2.7 | 23 |
| 5 | Affinity for DNA Contributes to NLS Independent Nuclear Localization of MeCP2. Cell Reports, 2018, 24, 2213-2220. | 2.9 | 23 |
| 6 | A mutation-led search for novel functional domains in MeCP2. Human Molecular Genetics, 2018, 27, 2531-2545. | 1.4 | 22 |
| 7 | Radically truncated MeCP2 rescues Rett syndrome-like neurological defects. Nature, 2017, 550, 398-401. | 13.7 | 121 |
| 8 | 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 |
| 9 | The molecular basis of variable phenotypic severity among common missense mutations causing Rett syndrome. Human Molecular Genetics, 2016, 25, 558-570. | 1.4 | 76 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Reduced seizure threshold and altered network oscillatory properties in a mouse model of Rett syndrome. Neuroscience, 2013, 231, 195-205. | 1.1 | 52 |
| 14 | Rett syndrome mutations abolish the interaction of MeCP2 with the NCoR/SMRT co-repressor. Nature Neuroscience, 2013, 16, 898-902. | 7.1 | 317 |
| 15 | Postnatal inactivation reveals enhanced requirement for MeCP2 at distinct age windows. Human Molecular Genetics, 2012, 21, 3806-3814. | 1.4 | 84 |
| 16 | Morphological and functional reversal of phenotypes in a mouse model of Rett syndrome. Brain, 2012, 135, 2699-2710. | 3.7 | 132 |
| 17 | The Role of MeCP2 in the Brain. Annual Review of Cell and Developmental Biology, 2011, 27, 631-652. | 4.0 | 388 |
| 18 | Embryonic lethal phenotype reveals a function of TDG in maintaining epigenetic stability. Nature, 2011, 470, 419-423. | 13.7 | 323 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | CpG islands influence chromatin structure via the CpG-binding protein Cfp1. Nature, 2010, 464, 1082-1086. | 13.7 | 577 |
| 21 | Base Excision by Thymine DNA Glycosylase Mediates DNA-Directed Cytotoxicity of 5-Fluorouracil. PLoS Biology, 2009, 7, e1000091. | 2.6 | 100 |
| 22 | Reversal of Neurological Defects in a Mouse Model of Rett Syndrome. Science, 2007, 315, 1143-1147. | 6.0 | 1,093 |
| 23 | Kaiso-Deficient Mice Show Resistance to Intestinal Cancer. Molecular and Cellular Biology, 2006, 26, 199-208. | 1.1 | 146 |
| 24 | Up-regulation of glucocorticoid-regulated genes in a mouse model of Rett syndrome. Human Molecular Genetics, 2005, 14, 2247-2256. | 1.4 | 174 |
| 25 | Enhanced CpG Mutability and Tumorigenesis in MBD4-Deficient Mice. Science, 2002, 297, 403-405. | 6.0 | 294 |
| 26 | Comparative analysis of potential broad-spectrum neuronal Cre drivers. Wellcome Open Research, 0, 7, 185. | 0.9 | 1 |