# Kay Davies

List of Publications by Year
in descending order



| 18 | 2,585 | 567281 15 | 839539 18 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 2634 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A systematic, genome-wide, phenotype-driven mutagenesis programme for gene function studies in the mouse. Nature Genetics, 2000, 25, 440-443. | 21.4 | 657 |
| 2 | Expression of full-length utrophin prevents muscular dystrophy in mdx mice. Nature Medicine, 1998, 4, 1441-1444. | 30.7 | 535 |
| 3 | The Dual Specificity Phosphatases M3/6 and MKP-3 Are Highly Selective for Inactivation of Distinct Mitogen-activated Protein Kinases. Journal of Biological Chemistry, 1996, 271, 27205-27208. | 3.4 | 361 |
| 4 | Expression of truncated utrophin leads to major functional improvements in dystrophin-deficient muscles of mice. Nature Medicine, 1997, 3, 1216-1221. | 30.7 | 222 |
| 5 | The European dimension for the mouse genome mutagenesis program. Nature Genetics, 2004, 36, 925-927. | 21.4 | 195 |
| 6 | Molecular analysis of the Duchenne muscular dystrophy region using pulsed field gel electrophoresis. Cell, 1987, 48, 351-357. | 28.9 | 178 |
| 7 | The Mitogen-activated Protein Kinase Phosphatase-3 N-terminal Noncatalytic Region Is Responsible for Tight Substrate Binding and Enzymatic Specificity. Journal of Biological Chemistry, 1998, 273, 9323-9329. | 3.4 | 138 |
| 8 | Expression of the dystrophin-related protein (utrophin) gene during mouse embryogenesis. Developmental Dynamics, 1993, 198, 254-264. | 1.8 | 60 |
| 9 | A Functional Analysis of Mouse Models of Cardiac Disease through Metabolic Profiling. Journal of Biological Chemistry, 2005, 280, 7530-7539. | 3.4 | 55 |
| 10 | Safety, Tolerability, and Pharmacokinetics of SMT C1100, a 2-Arylbenzoxazole Utrophin Modulator, following Single- and Multiple-Dose Administration to Pediatric Patients with Duchenne Muscular Dystrophy. PLoS ONE, 2016, 11, e0152840. | 2.5 | 54 |
| 11 | Dystroglycan mRNA expression during normal and mdx mouse embryogenesis: A comparison with utrophin and the apo-dystrophins. Developmental Dynamics, 1995, 204, 178-185. | 1.8 | 37 |
| 12 | Towards a mutant map of the mouse ? new models of neurological, behavioural, deafness, bone, renal and blood disorders. Genetica, 2004, 122, 47-49. | 1.1 | 17 |
| 13 | Survival of motor neuron gene downregulation by RNAi: towards a cell culture model of spinal muscular atrophy. Molecular Brain Research, 2004, 120, 145-150. | 2.3 | 16 |
| 14 | Knockdown of SMN by RNA interference induces apoptosis in differentiated P19 neural stem cells. Brain Research, 2007, 1183, 1-9. | 2.2 | 16 |
| 15 | Regional localisation of X chromosome short arm probes. Human Genetics, 1986, 74, 155-159. | 3.8 | 15 |
| 16 | A study of short utrophin isoforms in mice deficient for full-length utrophin. Mammalian Genome, 2003, 14, 47-60. | 2.2 | 14 |
| 17 | Utrophin influences mitochondrial pathology and oxidative stress in dystrophic muscle. Skeletal Muscle, 2017, 7, 22. | 4.2 | 14 |
| 18 | Characterisation of catalytic nucleic acids targeting the survival of motor neuron messenger RNA. Neuroscience Research Communications, 2003, 32, 95-106. | 0.2 | 1 |