# Huaiyu Hu

List of Publications by Year
in descending order



| 23 | 1,024 | 566801 15 | 713013 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 23 | 23 | 23 | 1614 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | TMEM216 Deletion Causes Mislocalization of Cone Opsin and Rhodopsin and Photoreceptor Degeneration in Zebrafish. , 2020, 61, 24. | | 6 |
| 2 | Eyes shut homolog (EYS) interacts with matriglycan of O-mannosyl glycans whose deficiency results in EYS mislocalization and degeneration of photoreceptors. Scientific Reports, 2020, 10, 7795. | 1.6 | 16 |
| 3 | Postnatal Gene Therapy Improves Spatial Learning Despite the Presence of Neuronal Ectopia in a Model of Neuronal Migration Disorder. Genes, 2016, 7, 105. | 1.0 | 6 |
| 4 | Eyes shut homolog is required for maintaining the ciliary pocket and survival of photoreceptors in zebrafish. Biology Open, 2016, 5, 1662-1673. | 0.6 | 55 |
| 5 | Protein O-Mannosylation in the Murine Brain: Occurrence of Mono-O-Mannosyl Glycans and Identification of New Substrates. PLoS ONE, 2016, 11, e0166119. | 1.1 | 23 |
| 6 | New concepts in basement membrane biology. FEBS Journal, 2015, 282, 4466-4479. | 2.2 | 121 |
| 7 | Biochemical and biophysical changes underlie the mechanisms of basement membrane disruptions in a mouse model of dystroglycanopathy. Matrix Biology, 2013, 32, 196-207. | 1.5 | 10 |
| 8 | Adeno-Associated Viral-MediatedLARGEGene Therapy Rescues the Muscular Dystrophic Phenotype in Mouse Models of Dystroglycanopathy. Human Gene Therapy, 2013, 24, 317-330. | 1.4 | 33 |
| 9 | Differential glycosylation of Â-dystroglycan and proteins other than Â-dystroglycan by like-glycosyltransferase. Glycobiology, 2012, 22, 235-247. | 1.3 | 27 |
| 10 | Pikachurin interaction with dystroglycan is diminished by defective O-mannosyl glycosylation in congenital muscular dystrophy models and rescued by LARGE overexpression. Neuroscience Letters, 2011, 489, 10-15. | 1.0 | 25 |
| 11 | Breaches of the pial basement membrane are associated with defective dentate gyrus development in mouse models of congenital muscular dystrophies. Neuroscience Letters, 2011, 505, 19-24. | 1.0 | 14 |
| 12 | Conditional knockout of protein Oâ€mannosyltransferase 2 reveals tissueâ€specific roles of Oâ€mannosyl glycosylation in brain development. Journal of Comparative Neurology, 2011, 519, 1320-1337. | 0.9 | 43 |
| 13 | LARGE Expression Augments the Glycosylation of Glycoproteins in Addition to Î±-Dystroglycan Conferring Laminin Binding. PLoS ONE, 2011, 6, e19080. | 1.1 | 19 |
| 14 | Cellular and Molecular Characterization of Abnormal Brain Development in Protein O-Mannose N-Acetylglucosaminyltransferase 1 Knockout Mice. Methods in Enzymology, 2010, 479, 353-366. | 0.4 | 5 |
| 15 | Retinal ectopias and mechanically weakened basement membrane in a mouse model of muscle-eye-brain (MEB) disease congenital muscular dystrophy. Molecular Vision, 2010, 16, 1415-28. | 1.1 | 27 |
| 16 | Breaches of the pial basement membrane and disappearance of the glia limitans during development underlie the cortical lamination defect in the mouse model of muscle-eye-brain disease. Journal of Comparative Neurology, 2007, 501, 168-183. | 0.9 | 71 |
| 17 | Ectopia of meningeal fibroblasts and reactive gliosis in the cerebral cortex of the mouse model of muscleâ€eyeâ€brain disease. Journal of Comparative Neurology, 2007, 505, 459-477. | 0.9 | 32 |
| 18 | Breaches of the pial basement membrane and disappearance of the glia limitans during development underlie the cortical lamination defect in the mouse model of muscle-eye-brain disease. Journal of Comparative Neurology, 2007, 502, 168-83. | 0.9 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A genetic model for muscleâ€“eyeâ€“brain disease in mice lacking protein O-mannose 1,2-N-acetylglucosaminyltransferase (POMGnT1). Mechanisms of Development, 2006, 123, 228-240. | 1.7 | 115 |
| 20 | Neuronal Migration. , 2006, , 27-44. | | 2 |
| 21 | Congenital diaphragmatic hernia, kidney agenesis and cardiac defects associated with Slit3-deficiency in mice. Mechanisms of Development, 2003, 120, 1059-1070. | 1.7 | 112 |
| 22 | Cell-surface heparan sulfate is involved in the repulsive guidance activities of Slit2 protein. Nature Neuroscience, 2001, 4, 695-701. | 7.1 | 186 |
| 23 | Polysialic acid regulates chain formation by migrating olfactory interneuron precursors. Journal of Neuroscience Research, 2000, 61, 480-492. | 1.3 | 64 |