Bernadette C Holdener

List of Publications by Year
in descending order

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18 papers	608 citations	1040056 9 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	818 citing authors

#	Article	IF	Citations
1	Mesd Encodes an LRP5/6 Chaperone Essential for Specification of Mouse Embryonic Polarity. Cell, 2003, 112, 355-367.	28.9	228
2	Protein O-fucosylation: structure and function. Current Opinion in Structural Biology, 2019, 56, 78-86.	5.7	104
3	O-fucosylation of thrombospondin type 1 repeats restricts epithelial to mesenchymal transition (EMT) and maintains epiblast pluripotency during mouse gastrulation. Developmental Biology, 2010, 346, 25-38.	2.0	72
4	Conditional knockout mice for the distal appendage protein CEP164 reveal its essential roles in airway multiciliated cell differentiation. PLoS Genetics, 2017, 13, e1007128.	3.5	57
5	Genetic and biochemical evidence that gastrulation defects in Pofut2 mutants result from defects in ADAMTS9 secretion. Developmental Biology, 2016, 416, 111-122.	2.0	39
6	ADAMTS9 and ADAMTS20 are differentially affected by loss of B3GLCT in mouse model of Peters plus syndrome. Human Molecular Genetics, 2019, 28, 4053-4066.	2.9	23
7	Identification of Mesoderm Development (mesd) Candidate Genes by Comparative Mapping and Genome Sequence Analysis. Genomics, 2001, 72, 88-98.	2.9	17
8	MESD is essential for apical localization of megalin/LRP2 in the visceral endoderm. Developmental Dynamics, 2011, 240, 577-588.	1.8	16
9	O-Fucosylation of ADAMTSL2 is required for secretion and is impacted by geleophysic dysplasia-causing mutations. Journal of Biological Chemistry, 2020, 295, 15742-15753.	3.4	15
10	The Structure of MESD45â€“184 Brings Light into the Mechanism of LDLR Family Folding. Structure, 2011, 19, 337-348.	3.3	8
11	O-fucosylation of thrombospondin type 1 repeats is essential for ECM remodeling and signaling during bone development. Matrix Biology, 2022, 107, 77-96.	3.6	8
12	Hydrocephalus in mouse B3glct mutants is likely caused by defects in multiple B3GLCT substrates in ependymal cells and subcommissural organ. Glycobiology, 2021, 31, 988-1004.	2.5	7
13	Physical Localization of the Mesoderm Development (mesd) Functional Region. Genomics, 2000, 68, 322-329.	2.9	5
14	Mouse chromosome 7. Mammalian Genome, 1998, 8, S136-S159.	2.2	4
15	Mouse chromosome 7. Mammalian Genome, 1997, 7, S121-S142.	2.2	2
16	Mouse Chromosome 7. Mammalian Genome, 1999, 10, 947-947.	2.2	1
17	Development of a Conditional Mesd (Mesoderm Development) Allele for Functional Analysis of the Low-Density Lipoprotein Receptor-Related Family in Defined Tissues. PLoS ONE, 2013, 8, e75782.	2.5	1
18	Role of O â€linked glucoseâ€fucose disaccharide modification of thrombospondin type I repeats in protein folding and embryo development. FASEB Journal, 2021, 35, .	0.5	0