Torben LÃ¼bke

List of Publications by Year
in descending order

27 papers	1,983 citations	516710 16 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	2593 citing authors

#	Article	IF	Citations
1	The disintegrin/metalloprotease ADAM 10 is essential for Notch signalling but not for alpha-secretase activity in fibroblasts. Human Molecular Genetics, 2002, 11, 2615-2624.	2.9	580
2	Complementation cloning identifies CDG-IIc, a new type of congenital disorders of glycosylation, as a GDP-fucose transporter deficiency. Nature Genetics, 2001, 28, 73-76.	21.4	309
3	Proteomics of the lysosome. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 625-635.	4.1	224
4	Mucolipidosis II is caused by mutations in GNPTA encoding the Î±/Î² GlcNAc-1-phosphotransferase. Nature Medicine, 2005, 11, 1109-1112.	30.7	187
5	A New Type of Carbohydrate-deficient Glycoprotein Syndrome Due to a Decreased Import of GDP-fucose into the Golgi. Journal of Biological Chemistry, 1999, 274, 25986-25989.	3.4	116
6	Identification of novel lysosomal matrix proteins by proteome analysis. Proteomics, 2005, 5, 3966-3978.	2.2	81
7	Deficiency of UDP-galactose:N-acetylglucosamine Î²-1,4-galactosyltransferase I causes the congenital disorder of glycosylation type IId. Journal of Clinical Investigation, 2002, 109, 725-733.	8.2	72
8	Golgi GDP-fucose Transporter-deficient Mice Mimic Congenital Disorder of Glycosylation IIc/Leukocyte Adhesion Deficiency II. Journal of Biological Chemistry, 2007, 282, 10762-10772.	3.4	62
9	Arylsulfatase G inactivation causes loss of heparan sulfate 3- O -sulfatase activity and mucopolysaccharidosis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10310-10315.	7.1	61
10	Arylsulfatase K, a Novel Lysosomal Sulfatase. Journal of Biological Chemistry, 2013, 288, 30019-30028.	3.4	36
11	Heparan Sulfateâ€“Editing Extracellular Sulfatases Enhance VEGF Bioavailability for Ischemic Heart Repair. Circulation Research, 2019, 125, 787-801.	4.5	35
12	Novel subtype of mucopolysaccharidosis caused by arylsulfatase K (ARSK) deficiency. Journal of Medical Genetics, 2022, 59, 957-964.	3.2	29
13	Molecular characterization of the hypothetical 66.3-kDa protein in mouse: Lysosomal targeting, glycosylation, processing and tissue distribution. FEBS Letters, 2006, 580, 5747-5752.	2.8	22
14	Cerebellar Alterations and Gait Defects as Therapeutic Outcome Measures for Enzyme Replacement Therapy in Î±-Mannosidosis. Journal of Neuropathology and Experimental Neurology, 2011, 70, 83-94.	1.7	22
15	NCU-G1 is a highly glycosylated integral membrane protein of the lysosome. Biochemical Journal, 2009, 422, 83-90.	3.7	20
16	Molecular Characterization of Arylsulfatase G. Journal of Biological Chemistry, 2014, 289, 27992-28005.	3.4	20
17	Lysosomal sulfatases: a growing family. Biochemical Journal, 2020, 477, 3963-3983.	3.7	17
18	Initial insight into the function of the lysosomal 66.3 kDa protein from mouse by means of X-ray crystallography. BMC Structural Biology, 2009, 9, 56.	2.3	16

#	Article	IF	Citations
19	Serine Carboxypeptidase SCPEP1 and Cathepsin A Play Complementary Roles in Regulation of Vasoconstriction via Inactivation of Endothelin-1. PLoS Genetics, 2014, 10, e1004146.	3.5	16
20	Arylsulfatase K inactivation causes mucopolysaccharidosis due to deficient glucuronate desulfation of heparan and chondroitin sulfate. Biochemical Journal, 2020, 477, 3433-3451.	3.7	16
21	Arylsulfatase K is the Lysosomal 2-Sulfoglucuronate Sulfatase. ACS Chemical Biology, 2017, 12, 367-373.	3.4	12
22	A mouse model for fucosidosis recapitulates storage pathology and neurological features of the milder form of the human disease. DMM Disease Models and Mechanisms, 2016, 9, 1015-28.	2.4	11
23	The Human Ntn-Hydrolase Superfamily: Structure, Functions and Perspectives. Cells, 2022, 11, 1592.	4.1	7
24	Sensorimotor and Neurocognitive Dysfunctions Parallel Early Telencephalic Neuropathology in Fucosidosis Mice. Frontiers in Behavioral Neuroscience, 2018, 12, 69.	2.0	4
25	Mice, double deficient in lysosomal serine carboxypeptidases Scpep1 and Cathepsin A develop the hyperproliferative vesicular corneal dystrophy and hypertrophic skin thickenings. PLoS ONE, 2017, 12, e0172854.	2.5	4
26	Decoding the consecutive lysosomal degradation of 3-O-sulfate containing heparan sulfate by Arylsulfatase G (ARSG). Biochemical Journal, 2021, 478, 3221-3237.	3.7	2
27	Establishment of blood glycosidase activities and their excursions in sepsis. , 2022, 1, .		2