

Thomas Braulke

List of Publications by Year in descending order

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141
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6,437
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81900

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenic variants in GNPTAB and GNPTG encoding distinct subunits of GlcNAc-1-phosphotransferase differentially impact bone resorption in patients with mucopolipidosis type II and III. <i>Genetics in Medicine</i> , 2021, 23, 2369-2377.	2.4	2
2	Repurposing of tamoxifen ameliorates CLN3 and CLN7 disease phenotype. <i>EMBO Molecular Medicine</i> , 2021, 13, e13742.	6.9	28
3	Distinct Modes of Balancing Glomerular Cell Proteostasis in Mucopolipidosis Type II and III Prevent Proteinuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1796-1814.	6.1	7
4	Lysosomal proteome analysis reveals that CLN3-defective cells have multiple enzyme deficiencies associated with changes in intracellular trafficking. <i>Journal of Biological Chemistry</i> , 2019, 294, 9592-9604.	3.4	44
5	Influenza binds phosphorylated glycans from human lung. <i>Science Advances</i> , 2019, 5, eaav2554.	10.3	64
6	Disease-Linked Glutarylation Impairs Function and Interactions of Mitochondrial Proteins and Contributes to Mitochondrial Heterogeneity. <i>Cell Reports</i> , 2018, 24, 2946-2956.	6.4	42
7	Lysosomal Proteome and Secretome Analysis Identifies Missorted Enzymes and Their Nondegraded Substrates in Mucopolipidosis III Mouse Cells. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1612-1626.	3.8	24
8	The Lysosomal Protein Arylsulfatase B Is a Key Enzyme Involved in Skeletal Turnover. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 2186-2201.	2.8	26
9	Quantitative Proteome Analysis of Mouse Liver Lysosomes Provides Evidence for Mannose 6-phosphate-independent Targeting Mechanisms of Acid Hydrolases in Mucopolipidosis II. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 438-450.	3.8	30
10	Disease-causing mutations affecting surface residues of mitochondrial glutaryl-CoA dehydrogenase impair stability, heteromeric complex formation and mitochondria architecture. <i>Human Molecular Genetics</i> , 2017, 26, ddd411.	2.9	14
11	SILAC-Based Comparative Proteomic Analysis of Lysosomes from Mammalian Cells Using LC-MS/MS. <i>Methods in Molecular Biology</i> , 2017, 1594, 1-18.	0.9	20
12	GNPTAB missense mutations cause loss of GlcNAc-1-phosphotransferase activity in mucopolipidosis type II through distinct mechanisms. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 92, 90-94.	2.8	11
13	Site-1 protease and lysosomal homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2162-2168.	4.1	18
14	Identification of the interaction domains between α - and β -subunits of GlcNAc-1-phosphotransferase. <i>FEBS Letters</i> , 2016, 590, 4287-4295.	2.8	11
15	Mannose 6-phosphate-dependent targeting of lysosomal enzymes is required for normal craniofacial and dental development. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1570-1580.	3.8	15
16	Single-chain antibody-fragment M6P-1 possesses a mannose 6-phosphate monosaccharide-specific binding pocket that distinguishes N-glycan phosphorylation in a branch-specific manner. <i>Glycobiology</i> , 2016, 26, 181-192.	2.5	8
17	Mannose 6-phosphate-independent Lysosomal Sorting of LIMP2. <i>Traffic</i> , 2015, 16, 1127-1136.	2.7	23
18	In Vivo Evidence for Lysosome Depletion and Impaired Autophagic Clearance in Hereditary Spastic Paraplegia Type SPG11. <i>PLoS Genetics</i> , 2015, 11, e1005454.	3.5	109

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19	Analyses of disease-related GNPTAB mutations define a novel GlcNAc-1-phosphotransferase interaction domain and an alternative site-1 protease cleavage site. <i>Human Molecular Genetics</i> , 2015, 24, 3497-3505.	2.9	25
20	Mannose 6 phosphorylation of lysosomal enzymes controls B cell functions. <i>Journal of Cell Biology</i> , 2015, 208, 171-180.	5.2	23
21	Site-1 protease-activated formation of lysosomal targeting motifs is independent of the lipogenic transcription control. <i>Journal of Lipid Research</i> , 2015, 56, 1625-1632.	4.2	6
22	Lysoplex: An efficient toolkit to detect DNA sequence variations in the autophagy-lysosomal pathway. <i>Autophagy</i> , 2015, 11, 928-938.	9.1	47
23	Lrp1<sc>LDL</sc> Receptor Play Critical Roles in Mannose 6â€Phosphateâ€Independent Lysosomal Enzyme Targeting. <i>Traffic</i> , 2015, 16, 743-759.	2.7	52
24	Impaired bone remodeling and its correction by combination therapy in a mouse model of mucopolysaccharidosis-I. <i>Human Molecular Genetics</i> , 2015, 24, ddv407.	2.9	20
25	Subunit interactions of the disease-related hexameric GlcNAc-1-phosphotransferase complex. <i>Human Molecular Genetics</i> , 2015, 24, 6826-6835.	2.9	21
26	Sustained Neural Stem Cell-Based Intraocular Delivery of CNTF Attenuates Photoreceptor Loss in the nclf Mouse Model of Neuronal Ceroid Lipofuscinosis. <i>PLoS ONE</i> , 2015, 10, e0127204.	2.5	19
27	Evaluation of butyrateâ€induced production of a mannoseâ€phosphorylated therapeutic enzyme using parallel bioreactors. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 184-192.	3.1	9
28	Interaction of Glutaric Aciduria Type 1-Related glutaryl-CoA Dehydrogenase with Mitochondrial Matrix Proteins. <i>PLoS ONE</i> , 2014, 9, e87715.	2.5	20
29	Lysine Glutarylation Is a Protein Posttranslational Modification Regulated by SIRT5. <i>Cell Metabolism</i> , 2014, 19, 605-617.	16.2	647
30	Mucopolipidosis II-Related Mutations Inhibit the Exit from the Endoplasmic Reticulum and Proteolytic Cleavage of GlcNAc-1-Phosphotransferase Precursor Protein (<i>GNPTAB</i>). <i>Human Mutation</i> , 2014, 35, 368-376.	2.5	21
31	Molecular Characterization of Arylsulfatase G. <i>Journal of Biological Chemistry</i> , 2014, 289, 27992-28005.	3.4	20
32	Acute renal proximal tubule alterations during induced metabolic crises in a mouse model of glutaric aciduria type 1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1463-1472.	3.8	20
33	Cell biology and function of neuronal ceroid lipofuscinosis-related proteins. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1866-1881.	3.8	117
34	Mass Spectrometric Analysis of Neutral and Anionic N-Glycans from a <i>Dictyostelium discoideum</i> Model for Human Congenital Disorder of Glycosylation CDG IL. <i>Journal of Proteome Research</i> , 2013, 12, 1173-1187.	3.7	36
35	A Hereditary Spastic Paraplegia Mouse Model Supports a Role of ZFYVE26/SPASTIZIN for the Endolysosomal System. <i>PLoS Genetics</i> , 2013, 9, e1003988.	3.5	82
36	Apoptotic Photoreceptor Loss and Altered Expression of Lysosomal Proteins in the <i>nclf</i> Mouse Model of Neuronal Ceroid Lipofuscinosis. , 2013, 54, 6952.		25

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37	Decreased bone formation and increased osteoclastogenesis cause bone loss in mucopolidosis II. <i>EMBO Molecular Medicine</i> , 2013, 5, 1871-1886.	6.9	36
38	Transport of the GlcNAc-1-phosphotransferase β 2-Subunit Precursor Protein to the Golgi Apparatus Requires a Combinatorial Sorting Motif. <i>Journal of Biological Chemistry</i> , 2013, 288, 1238-1249.	3.4	25
39	Ultrastructural Analysis of Neuronal and Non-neuronal Lysosomal Storage in Mucopolidosis Type II Knock-in Mice. <i>Ultrastructural Pathology</i> , 2013, 37, 366-372.	0.9	5
40	The 5-phosphatase OCRL mediates retrograde transport of the mannose 6-phosphate receptor by regulating a Rac1-cofilin signalling module. <i>Human Molecular Genetics</i> , 2012, 21, 5019-5038.	2.9	36
41	Mannose 6 Dephosphorylation of Lysosomal Proteins Mediated by Acid Phosphatases Acp2 and Acp5. <i>Molecular and Cellular Biology</i> , 2012, 32, 774-782.	2.3	43
42	Disruption of the Autophagy-Lysosome Pathway Is Involved in Neuropathology of the <i>nclf</i> Mouse Model of Neuronal Ceroid Lipofuscinosis. <i>PLoS ONE</i> , 2012, 7, e35493.	2.5	60
43	High expression of disease-related <i>Cln6</i> in the cerebral cortex, purkinje cells, dentate gyrus, and hippocampal ca1 neurons. <i>Journal of Neuroscience Research</i> , 2012, 90, 568-574.	2.9	11
44	A Novel Mannose 6-phosphate Specific Antibody Fragment for Diagnosis of Mucopolidosis type II and III. , 2012, , 307-325.		1
45	Analysis of Potential Biomarkers and Modifier Genes Affecting the Clinical Course of CLN3 Disease. <i>Molecular Medicine</i> , 2011, 17, 1253-1261.	4.4	50
46	Residual activity and proteasomal degradation of p.Ser298Pro sulfamidase identified in patients with a mild clinical phenotype of Sanfilippo A syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 1634-1639.	1.2	13
47	Glutaric Aciduria Type 1 Metabolites Impair the Succinate Transport from Astrocytic to Neuronal Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 17777-17784.	3.4	70
48	Post-translational Modifications of the β 3-Subunit Affect Intracellular Trafficking and Complex Assembly of GlcNAc-1-phosphotransferase. <i>Journal of Biological Chemistry</i> , 2011, 286, 5311-5318.	3.4	16
49	A Key Enzyme in the Biogenesis of Lysosomes Is a Protease That Regulates Cholesterol Metabolism. <i>Science</i> , 2011, 333, 87-90.	12.6	144
50	N-Glycans and Glycosylphosphatidylinositol-Anchors Act on Polarized Sorting of Mouse PrPC in Madin-Darby Canine Kidney Cells. <i>PLoS ONE</i> , 2011, 6, e24624.	2.5	19
51	Mannose phosphorylation in health and disease. <i>European Journal of Cell Biology</i> , 2010, 89, 117-123.	3.6	96
52	Glycostructures in Biological Systems – Synthesis and Function. <i>European Journal of Cell Biology</i> , 2010, 89, 1.	3.6	0
53	Pathogenic mutations cause rapid degradation of lysosomal storage disease-related membrane protein CLN6. <i>Human Mutation</i> , 2010, 31, E1163-E1174.	2.5	18
54	Loss of N-acetylglucosamine-1-phosphotransferase gamma subunit due to intronic mutation in <i>GNPTG</i> causes mucopolidosis type III gamma: Implications for molecular and cellular diagnostics. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 124-132.	1.2	24

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55	Lysosomal Targeting of the CLN7 Membrane Glycoprotein and Transport Via the Plasma Membrane Require a Dileucine Motif. <i>Traffic</i> , 2010, 11, 987-1000.	2.7	43
56	Site-specific analysis of N-linked oligosaccharides of recombinant lysosomal arylsulfatase A produced in different cell lines. <i>Glycobiology</i> , 2010, 20, 248-259.	2.5	22
57	Proteolytic Processing of the Î³-Subunit Is Associated with the Failure to Form GlcNAc-1-phosphotransferase Complexes and Mannose 6-Phosphate Residues on Lysosomal Enzymes in Human Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 23936-23944.	3.4	15
58	Protein Kinase A Dependent Phosphorylation of Apical Membrane Antigen 1 Plays an Important Role in Erythrocyte Invasion by the Malaria Parasite. <i>PLoS Pathogens</i> , 2010, 6, e1000941.	4.7	124
59	A Novel Single-Chain Antibody Fragment for Detection of Mannose 6-Phosphate-Containing Proteins. <i>American Journal of Pathology</i> , 2010, 177, 240-247.	3.8	33
60	Mannose 6-phosphate receptor-dependent endocytosis of lysosomal enzymes is increased in sulfatide-storing kidney cells. <i>Biological Chemistry</i> , 2009, 390, 41-48.	2.5	12
61	Sorting of lysosomal proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 605-614.	4.1	676
62	Neuronal ceroid lipofuscinoses. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 697-709.	4.1	288
63	Lysosomes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 603-604.	4.1	3
64	Retention of lysosomal protein CLN5 in the endoplasmic reticulum causes neuronal ceroid lipofuscinosis in Asian Sibship. <i>Human Mutation</i> , 2009, 30, E651-E661.	2.5	48
65	Compensatory expression of human N-Acetylglucosaminyl-1-phosphotransferase subunits in mucopolipidosis type III gamma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009, 1792, 221-225.	3.8	25
66	Glycosylation- and phosphorylation-dependent intracellular transport of lysosomal hydrolases. <i>Biological Chemistry</i> , 2009, 390, 521-527.	2.5	33
67	Organic anion transporters OAT1 and OAT4 mediate the high affinity transport of glutarate derivatives accumulating in patients with glutaric acidurias. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 457, 223-231.	2.8	35
68	The Mutation p.Ser298Pro in the sulphamidase gene (SGSH) is associated with a slowly progressive clinical phenotype in mucopolysaccharidosis type IIIA (Sanfilippo A Syndrome). <i>Human Mutation</i> , 2008, 29, 770-770.	2.5	39
69	Molecular order in mucopolipidosis II and III nomenclature. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 512-513.	1.2	62
70	Accumulation of bis(monoacylglycero)phosphate and gangliosides in mouse models of neuronal ceroid lipofuscinosis. <i>Journal of Neurochemistry</i> , 2008, 106, 1415-1425.	3.9	46
71	Transport and distribution of 3-hydroxyglutaric acid before and during induced encephalopathic crises in a mouse model of glutaric aciduria type 1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 385-390.	3.8	29
72	Disease-causing missense mutations affect enzymatic activity, stability and oligomerization of glutaryl-CoA dehydrogenase (GCDH). <i>Human Molecular Genetics</i> , 2008, 17, 3854-3863.	2.9	32

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73	Scoring Evaluation of the Natural Course of Mucopolysaccharidosis Type IIIA (Sanfilippo Syndrome) Tj ETQq1 1 0.784314 rgBT /Overlo	2.1	101
74	Topology and endoplasmic reticulum retention signals of the lysosomal storage disease-related membrane protein CLN6. <i>Molecular Membrane Biology</i> , 2007, 24, 74-87.	2.0	44
75	Alteration of the insulin-like growth factor axis during in vitro differentiation of the human osteosarcoma cell line HOS 58. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 28-40.	2.6	18
76	Increased expression of lysosomal acid phosphatase in CLN3-defective cells and mouse brain tissue. <i>Journal of Neurochemistry</i> , 2007, 103, 2177-2188.	3.9	30
77	C-Terminal Prenylation of the CLN3 Membrane Glycoprotein Is Required for Efficient Endosomal Sorting to Lysosomes. <i>Traffic</i> , 2007, 8, 431-444.	2.7	35
78	3-Hydroxyglutaric acid is transported via the sodium-dependent dicarboxylate transporter NaDC3. <i>Journal of Molecular Medicine</i> , 2007, 85, 763-770.	3.9	33
79	Functional biology of the neuronal ceroid lipofuscinoses (NCL) proteins. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2006, 1762, 920-933.	3.8	79
80	In vitro sulfation of N-acetyllactosaminide by soluble recombinant human β -Gal-3 α 2-sulfotransferase. <i>Carbohydrate Research</i> , 2006, 341, 918-924.	2.3	4
81	Missense mutation in the N-acetylglucosamine-1-phosphotransferase gene (GNPTA) in a patient with mucopolipidosis II induces changes in the size and cellular distribution of GNPTC. <i>Human Mutation</i> , 2006, 27, 830-831.	2.5	58
82	Endothelial Effects of 3-Hydroxyglutaric Acid: Implications for Glutaric Aciduria Type I. <i>Pediatric Research</i> , 2006, 59, 196-202.	2.3	31
83	Mucopolipidosis II is caused by mutations in GNPTA encoding the β 1/2 GlcNAc-1-phosphotransferase. <i>Nature Medicine</i> , 2005, 11, 1109-1112.	30.7	187
84	Missense mutations in N-acetylglucosamine-1-phosphotransferase β 1/2 subunit gene in a patient with mucopolipidosis III and a mild clinical phenotype. <i>American Journal of Medical Genetics, Part A</i> , 2005, 137A, 235-240.	1.2	44
85	Interaction of Insulin-like Growth Factor II (IGF-II) with Multiple Plasma Proteins. <i>Journal of Biological Chemistry</i> , 2005, 280, 9994-10000.	3.4	17
86	Transport of Lysosomal Enzymes. , 2005, , 17-26.		13
87	Diversity of Human Insulin-like Growth Factor (IGF) Binding Protein-2 Fragments in Plasma: Primary Structure, IGF-Binding Properties, and Disulfide Bonding Pattern. <i>Biochemistry</i> , 2005, 44, 3644-3652.	2.5	26
88	Mono-allelic expression of the IGF-I receptor does not affect IGF responses in human fibroblasts. <i>European Journal of Endocrinology</i> , 2004, 151, 521-529.	3.7	11
89	A Dileucine Motif and a Cluster of Acidic Amino Acids in the Second Cytoplasmic Domain of the Batten Disease-related CLN3 Protein Are Required for Efficient Lysosomal Targeting. <i>Journal of Biological Chemistry</i> , 2004, 279, 53625-53634.	3.4	55
90	Defective Endoplasmic Reticulum-resident Membrane Protein CLN6 Affects Lysosomal Degradation of Endocytosed Arylsulfatase A. <i>Journal of Biological Chemistry</i> , 2004, 279, 22347-22352.	3.4	88

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91	Mutation of the glycosylated asparagine residue 286 in human CLN2 protein results in loss of enzymatic activity. <i>Glycobiology</i> , 2004, 14, 1C-5C.	2.5	36
92	Insulin-Like Growth Factor (IGF)-Binding Protein-1 Is Highly Induced during Acute Carbon Tetrachloride Liver Injury and Potentiates the IGF-I-Stimulated Activation of Rat Hepatic Stellate Cells. <i>Endocrinology</i> , 2004, 145, 3463-3472.	2.8	31
93	IGF-binding protein-3 fragments in plasma of a child with acute renal failure. <i>Pediatric Nephrology</i> , 2004, 19, 1418-1425.	1.7	4
94	Transport, enzymatic activity, and stability of mutant sulfamidase (SGSH) identified in patients with mucopolysaccharidosis type III A. <i>Human Mutation</i> , 2004, 23, 559-566.	2.5	26
95	A novel mutation in UDP-N-acetylglucosamine-1-phosphotransferase gamma subunit (GNPTAG) in two siblings with mucopolipidosis type III alters a used glycosylation site. <i>Human Mutation</i> , 2004, 24, 535-535.	2.5	38
96	Mutational analysis in longest known survivor of mucopolysaccharidosis type VII. <i>Human Genetics</i> , 2003, 112, 190-194.	3.8	21
97	In vivo processed fragments of IGF binding protein-2 copurified with bioactive IGF-II. <i>Biochemical and Biophysical Research Communications</i> , 2003, 304, 708-713.	2.1	6
98	A New Type of Congenital Disorders of Glycosylation (CDG-li) Provides New Insights into the Early Steps of Dolichol-linked Oligosaccharide Biosynthesis. <i>Journal of Biological Chemistry</i> , 2003, 278, 22498-22505.	3.4	110
99	A replacement of the active-site aspartic acid residue 293 in mouse cathepsin D affects its intracellular stability, processing and transport in HEK-293 cells. <i>Biochemical Journal</i> , 2003, 369, 55-62.	3.7	24
100	Enhanced expression of manganese-dependent superoxide dismutase in human and sheep CLN6 tissues. <i>Biochemical Journal</i> , 2003, 376, 369-376.	3.7	30
101	Secretion of phosphomannosyl-deficient arylsulphatase A and cathepsin D from isolated human macrophages. <i>Biochemical Journal</i> , 2002, 368, 845-853.	3.7	35
102	Decreased intracellular degradation of insulin-like growth factor binding protein-3 in cathepsin L-deficient fibroblasts. <i>FEBS Letters</i> , 2002, 510, 211-215.	2.8	28
103	Isolation and characterization of circulating fragments of the insulin-like growth factor binding protein-3. <i>FEBS Letters</i> , 2002, 518, 124-128.	2.8	19
104	Transferrin binds insulin-like growth factors and affects binding properties of insulin-like growth factor binding protein-3. <i>FEBS Letters</i> , 2001, 509, 395-398.	2.8	27
105	MDCK cells secrete neutral proteases cleaving insulin-like growth factor-binding protein-2 to -6. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E1221-E1229.	3.5	15
106	Regulation of the components of the 150 kDa IGF binding protein complex in cocultures of rat hepatocytes and Kupffer Cells by 3',5'-cyclic adenosine monophosphate. <i>Journal of Cellular Physiology</i> , 2001, 186, 425-436.	4.1	22
107	Multiple C-terminal Motifs of the 46-kDa Mannose 6-Phosphate Receptor Tail Contribute to Efficient Binding of Medium Chains of AP-2 and AP-3. <i>Journal of Biological Chemistry</i> , 2001, 276, 4298-4303.	3.4	23
108	Ligand blotting: iodinated vs biotinylated IGF. <i>Growth Hormone and IGF Research</i> , 2000, 10, 294.	1.1	3

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109	Partial IGF Affinity of Circulating N- and C-Terminal Fragments of Human Insulin-like Growth Factor Binding Protein-4 (IGFBP-4) and the Disulfide Bonding Pattern of the C-Terminal IGFBP-4 Domain. <i>Biochemistry</i> , 2000, 39, 5082-5088.	2.5	44
110	Characterization of the IGF axis components in isolated rat hepatic stellate cells. <i>Hepatology</i> , 1998, 27, 1275-1284.	7.3	61
111	Stabilization of Mutant 46-kDa Mannose 6-Phosphate Receptors by Proteasomal Inhibitor Lactacystin. <i>Journal of Biological Chemistry</i> , 1998, 273, 33254-33258.	3.4	16
112	Proteolysis of Insulin-Like Growth Factor Binding Proteins by a Novel 50-Kilodalton Metalloproteinase in Human Pregnancy Serum. <i>Endocrinology</i> , 1998, 139, 1556-1563.	2.8	41
113	Proteolysis of Insulin-Like Growth Factors (IGF) and IGF Binding Proteins by Cathepsin D. <i>Endocrinology</i> , 1997, 138, 3797-3803.	2.8	88
114	Proteolysis of Insulin-Like Growth Factors (IGF) and IGF Binding Proteins by Cathepsin D. <i>Endocrinology</i> , 1997, 138, 3797-3803.	2.8	28
115	Inhibition of IGF II-induced redistribution of mannose 6-phosphate receptors by the phosphatidylinositol 3-kinase inhibitor, wortmannin. <i>Molecular and Cellular Endocrinology</i> , 1996, 118, 201-205.	3.2	11
116	Brain-Specific Interaction of a 91-kDa Membrane-Bound Protein with the Cytoplasmic Tail of the 300-kDa Mannose 6-Phosphate Receptor. <i>Biochemical and Biophysical Research Communications</i> , 1996, 221, 525-530.	2.1	2
117	Origin of Lysosomal Proteins. <i>Sub-Cellular Biochemistry</i> , 1996, 27, 15-49.	2.4	19
118	Does the Overexpression of Pro-Insulin-Like Growth Factor-II in Transfected Human Embryonic Kidney Fibroblasts Increase the Secretion of Lysosomal Enzymes?. <i>FEBS Journal</i> , 1995, 232, 172-178.	0.2	18
119	Localization of the Insulin-like Growth Factor II Binding Site to Amino Acids 1508-1566 in Repeat 11 of the Mannose 6-Phosphate/Insulin-like Growth Factor II Receptor. <i>Journal of Biological Chemistry</i> , 1995, 270, 14975-14982.	3.4	76
120	Mannose 6-Phosphate/Insulin-like Growth Factor II Receptor Fails to Interact with G-proteins. <i>Journal of Biological Chemistry</i> , 1995, 270, 287-295.	3.4	97
121	Effect of insulin-like growth factor II on uptake of arylsulfatase A by cultured rat hepatocytes and Kupffer cells. <i>Journal of Hepatology</i> , 1995, 22, 356-363.	3.7	18
122	Proteolysis of IGFBPs by cathepsin D in vitro and in cathepsin D-deficient mice. <i>Progress in Growth Factor Research</i> , 1995, 6, 265-271.	1.6	21
123	Cellular localization and hormonal regulation of biosynthesis of insulin-like growth factor binding proteins and of the acid-labile subunit within rat liver. <i>Progress in Growth Factor Research</i> , 1995, 6, 175-180.	1.6	27
124	Specific Mannose-6-Phosphate Receptor-Independent Sorting of Pro-Cathepsin D in Breast Cancer Cells. <i>Experimental Cell Research</i> , 1994, 215, 154-163.	2.6	66
125	Mannose 6-phosphate/insulin-like growth factor II receptor and I-cell disease fibroblasts: increased synthesis and defective regulation of cell surface expression. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1992, 1138, 334-342.	3.8	8
126	Brefeldin A affects the cellular distribution of endocytic receptors differentially. <i>Biochemical and Biophysical Research Communications</i> , 1992, 185, 719-727.	2.1	6

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127	Biosynthesis and endocytosis of lysosomal enzymes in human colon carcinoma SW 1116 cells: Impaired internalization of plasma membrane-associated cation-independent mannose 6-phosphate receptor. Archives of Biochemistry and Biophysics, 1992, 298, 176-181.	3.0	18
128	Insulin-like growth factor II overexpression does not affect sorting of lysosomal enzymes in NIH-3T3 cells. Biochemical and Biophysical Research Communications, 1991, 179, 108-115.	2.1	14
129	Occurrence of tyrosine sulfate in proteins - a balance sheet. 1. Secretory and lysosomal proteins. FEBS Journal, 1990, 188, 577-586.	0.2	43
130	Regulation of mannose 6-phosphate/insulin-like growth factor II receptor distribution by activators and inhibitors of protein kinase C. FEBS Journal, 1990, 189, 609-616.	0.2	31
131	Mannose 6-phosphate specific receptors: structure and function. Biochemical Society Transactions, 1989, 17, 15-16.	3.4	9
132	Mannose 6-phosphate/insulin-like growth factor II receptor: Distinct binding sites for mannose 6-phosphate and insulin-like growth factor II. Biochemical and Biophysical Research Communications, 1988, 150, 1287-1293.	2.1	96
133	Mannose 6-phosphate/insulin like growth factor II receptor: The two types of ligands bind simultaneously to one receptor at different sites. Biochemical and Biophysical Research Communications, 1988, 152, 1248-1254.	2.1	82
134	Low Temperature Blocks Transport and Sorting of Cathepsin D in Fibroblasts. Biological Chemistry Hoppe-Seyler, 1988, 369, 441-450.	1.4	13
135	Effects of Differentiation-Inducing Agents on Synthesis, Maturation and Secretion of Cathepsin D in U937 and HL-60 Cells. Biological Chemistry Hoppe-Seyler, 1987, 368, 413-418.	1.4	16
136	46-kDa Mannose 6-phosphate-Specific Receptor: Biosynthesis, Processing, Subcellular Location and Topology. Biological Chemistry Hoppe-Seyler, 1987, 368, 937-948.	1.4	81
137	Sulfated oligosaccharides in human lysosomal enzymes. Biochemical and Biophysical Research Communications, 1987, 143, 178-185.	2.1	25
138	Mutations Affecting Transport and Stability of Lysosomal Enzymes. Enzyme, 1987, 38, 144-153.	0.7	9
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