

# Peder Madsen

## List of Publications by Citations

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87  
papers

6,354  
citations

45  
h-index

79  
g-index

88  
ext. papers

6,738  
ext. citations

5.6  
avg, IF

4.66  
L-index

#	Paper	IF	Citations
87	Sortilin is essential for proNGF-induced neuronal cell death. <i>Nature</i> , <b>2004</b> , 427, 843-8	50.4	761
86	Molecular identification of a novel candidate sorting receptor purified from human brain by receptor-associated protein affinity chromatography. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 3599-605	5.4	322
85	Molecular cloning, occurrence, and expression of a novel partially secreted protein "psoriasin" that is highly up-regulated in psoriatic skin. <i>Journal of Investigative Dermatology</i> , <b>1991</b> , 97, 701-12	4.3	313
84	Molecular cloning and expression of a novel keratinocyte protein (psoriasis-associated fatty acid-binding protein [PA-FABP]) that is highly up-regulated in psoriatic skin and that shares similarity to fatty acid-binding proteins. <i>Journal of Investigative Dermatology</i> , <b>1992</b> , 99, 299-305	4.3	215
83	Sort1, encoded by the cardiovascular risk locus 1p13.3, is a regulator of hepatic lipoprotein export. <i>Cell Metabolism</i> , <b>2010</b> , 12, 213-23	24.6	202
82	Molecular characterization of a novel human hybrid-type receptor that binds the alpha2-macroglobulin receptor-associated protein. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 31379-83	5.4	194
81	Psoriasin: a novel chemotactic protein. <i>Journal of Investigative Dermatology</i> , <b>1996</b> , 107, 5-10	4.3	191
80	Retromer binds the FANSHY sorting motif in SorLA to regulate amyloid precursor protein sorting and processing. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 1467-80	6.6	181
79	Structural basis for the recognition of carbohydrates by human galectin-7. <i>Biochemistry</i> , <b>1998</b> , 37, 13930-40	3.4	166
78	Molecular cloning and expression of the transformation sensitive epithelial marker stratifin. A member of a protein family that has been involved in the protein kinase C signalling pathway. <i>Journal of Molecular Biology</i> , <b>1993</b> , 231, 982-98	6.5	161
77	Cyclin (PCNA, auxiliary protein of DNA polymerase delta) is a central component of the pathway(s) leading to DNA replication and cell division. <i>FEBS Letters</i> , <b>1987</b> , 220, 1-7	3.8	160
76	Sorting by the cytoplasmic domain of the amyloid precursor protein binding receptor SorLA. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 6842-51	4.8	152
75	Comprehensive two-dimensional gel protein databases offer a global approach to the analysis of human cells: the transformed amnion cells (AMA) master database and its link to genome DNA sequence data. <i>Electrophoresis</i> , <b>1990</b> , 11, 989-1071	3.6	145
74	Increased nuclear cyclin/PCNA antigen staining of non S-phase transformed human amnion cells engaged in nucleotide excision DNA repair. <i>FEBS Letters</i> , <b>1986</b> , 209, 277-83	3.8	138
73	Bladder Squamous Cell Carcinomas Express Psoriasin and Externalize it to the Urine. <i>Journal of Urology</i> , <b>1996</b> , 155, 2105-2112	2.5	133
72	Activation and functional characterization of the mosaic receptor SorLA/LR11. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 22788-96	5.4	127
71	Ligands bind to Sortilin in the tunnel of a ten-bladed beta-propeller domain. <i>Nature Structural and Molecular Biology</i> , <b>2009</b> , 16, 96-8	17.6	121

70	The hypercholesterolemia-risk gene SORT1 facilitates PCSK9 secretion. <i>Cell Metabolism</i> , <b>2014</b> , 19, 310-824.6	110
69	Cloning, expression, and chromosome mapping of human galectin-7. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 5823-9	5.4 110
68	The human keratinocyte two-dimensional gel protein database (update 1995): mapping components of signal transduction pathways. <i>Electrophoresis</i> , <b>1995</b> , 16, 2177-240	3.6 110
67	The human keratinocyte two-dimensional gel protein database (update 1992): towards an integrated approach to the study of cell proliferation, differentiation and skin diseases. <i>Electrophoresis</i> , <b>1992</b> , 13, 893-959	3.6 94
66	S-phase patterns of cyclin (PCNA) antigen staining resemble topographical patterns of DNA synthesis. A role for cyclin in DNA replication?. <i>FEBS Letters</i> , <b>1985</b> , 193, 5-11	3.8 90
65	The sorLA cytoplasmic domain interacts with GGA1 and -2 and defines minimum requirements for GGA binding. <i>FEBS Letters</i> , <b>2002</b> , 511, 155-8	3.8 88
64	Nuclear patterns of cyclin (PCNA) antigen distribution subdivide S-phase in cultured cells--some applications of PCNA antibodies. <i>Leukemia Research</i> , <b>1986</b> , 10, 237-49	2.7 88
63	Identification, molecular cloning, expression and chromosome mapping of a family of transformation upregulated hnRNP-K proteins derived by alternative splicing. <i>Journal of Molecular Biology</i> , <b>1994</b> , 236, 33-48	6.5 87
62	Identification of two human Rho GDP dissociation inhibitor proteins whose overexpression leads to disruption of the actin cytoskeleton. <i>Experimental Cell Research</i> , <b>1993</b> , 209, 165-74	4.2 74
61	Psoriasin binds calcium and is upregulated by calcium to levels that resemble those observed in normal skin. <i>Journal of Investigative Dermatology</i> , <b>1994</b> , 103, 370-5	4.3 72
60	Sortilin and SorLA display distinct roles in processing and trafficking of amyloid precursor protein. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 64-71	6.6 71
59	Human cellular protein patterns and their link to genome DNA sequence data: usefulness of two-dimensional gel electrophoresis and microsequencing. <i>FASEB Journal</i> , <b>1991</b> , 5, 2200-8	0.9 69
58	Cloning and expression of a novel human profilin variant, profilin II. <i>FEBS Letters</i> , <b>1993</b> , 330, 151-5	3.8 66
57	The human keratinocyte two-dimensional gel protein database: update 1993. <i>Electrophoresis</i> , <b>1993</b> , 14, 1091-198	3.6 63
56	Functional organization of the sortilin Vps10p domain. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 50221-9.4	61
55	Endothelial cells of the human microvasculature express epidermal fatty acid-binding protein. <i>Circulation Research</i> , <b>1997</b> , 81, 297-303	15.7 61
54	Human 2-D PAGE databases for proteome analysis in health and disease: <a href="http://biobase.dk/cgi-bin/celis">http://biobase.dk/cgi-bin/celis</a> . <i>FEBS Letters</i> , <b>1996</b> , 398, 129-34	3.8 60
53	Heparan sulfate proteoglycans present PCSK9 to the LDL receptor. <i>Nature Communications</i> , <b>2017</b> , 8, 503	17.4 59

52	The MRC-5 human embryonal lung fibroblast two-dimensional gel cellular protein database: quantitative identification of polypeptides whose relative abundance differs between quiescent, proliferating and SV40 transformed cells. <i>Electrophoresis</i> , <b>1990</b> , 11, 1072-113	3.6	59
51	The human keratinocyte two-dimensional protein database (update 1994): towards an integrated approach to the study of cell proliferation, differentiation and skin diseases. <i>Electrophoresis</i> , <b>1994</b> , 15, 1349-458	3.6	58
50	Cloning and expression of a cDNA covering the complete coding region of the P32 subunit of human pre-mRNA splicing factor SF2. <i>Gene</i> , <b>1993</b> , 134, 283-7	3.8	55
49	SorCS2 regulates dopaminergic wiring and is processed into an apoptotic two-chain receptor in peripheral glia. <i>Neuron</i> , <b>2014</b> , 82, 1074-87	13.9	54
48	A novel approach for expression cloning of small GTPases: identification, tissue distribution and chromosome mapping of the human homolog of rheb. <i>FEBS Letters</i> , <b>1995</b> , 377, 221-6	3.8	53
47	Computerized, comprehensive databases of cellular and secreted proteins from normal human embryonic lung MRC-5 fibroblasts: identification of transformation and/or proliferation sensitive proteins. <i>Electrophoresis</i> , <b>1989</b> , 10, 76-115	3.6	53
46	Induction of normal and psoriatic phenotypes in submerged keratinocyte cultures. <i>Journal of Cellular Physiology</i> , <b>1996</b> , 168, 442-52	7	51
45	Molecular cloning of a cDNA encoding human calumenin, expression in <i>Escherichia coli</i> and analysis of its Ca <sup>2+</sup> -binding activity. <i>BBA - Proteins and Proteomics</i> , <b>1998</b> , 1386, 121-31		49
44	Interferon-gamma up-regulates a unique set of proteins in human keratinocytes. Molecular cloning and expression of the cDNA encoding the RGD-sequence-containing protein IGUP I-5111. <i>FEBS Journal</i> , <b>1993</b> , 218, 421-30		48
43	Psoriasis upregulated phorbolin-1 shares structural but not functional similarity to the mRNA-editing protein apobec-1. <i>Journal of Investigative Dermatology</i> , <b>1999</b> , 113, 162-9	4.3	45
42	A comprehensive two-dimensional gel protein database of noncultured unfractionated normal human epidermal keratinocytes: towards an integrated approach to the study of cell proliferation, differentiation and skin diseases. <i>Electrophoresis</i> , <b>1991</b> , 12, 802-72	3.6	45
41	The master two-dimensional gel database of human AMA cell proteins: towards linking protein and genome sequence and mapping information (update 1991). <i>Electrophoresis</i> , <b>1991</b> , 12, 765-801	3.6	43
40	SorLA controls neurotrophic activity by sorting of GDNF and its receptors GFR $\alpha$ and RET. <i>Cell Reports</i> , <b>2013</b> , 3, 186-99	10.6	42
39	Mapping of the interaction site between sortilin and the p75 neurotrophin receptor reveals a regulatory role for the sortilin intracellular domain in p75 neurotrophin receptor shedding and apoptosis. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 43798-809	5.4	40
38	Characterization of sorCS1, an alternatively spliced receptor with completely different cytoplasmic domains that mediate different trafficking in cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 7390-6	5.4	35
37	Sortilin facilitates signaling of ciliary neurotrophic factor and related helical type 1 cytokines targeting the gp130/leukemia inhibitory factor receptor beta heterodimer. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 4175-87	4.8	33
36	Proneurotrophin-3 may induce Sortilin-dependent death in inner ear neurons. <i>European Journal of Neuroscience</i> , <b>2011</b> , 33, 622-31	3.5	32
35	Different motifs regulate trafficking of SorCS1 isoforms. <i>Traffic</i> , <b>2008</b> , 9, 980-94	5.7	31

34	GGA autoinhibition revisited. <i>Traffic</i> , <b>2010</b> , 11, 259-73	5.7	29
33	Expression and divalent cation binding properties of the novel chemotactic inflammatory protein psoriasin. <i>Electrophoresis</i> , <b>1996</b> , 17, 1787-96	3.6	25
32	The carboxy-terminal domain of the receptor-associated protein binds to the Vps10p domain of sortilin. <i>FEBS Letters</i> , <b>1998</b> , 429, 27-30	3.8	24
31	Revisiting the structure of the Vps10 domain of human sortilin and its interaction with neurotensin. <i>Protein Science</i> , <b>2014</b> , 23, 1291-300	6.3	23
30	The molecular chaperones HSP28, GRP78, endoplasmic reticulum chaperonin, and calnexin exhibit strikingly different levels in quiescent keratinocytes as compared to their proliferating normal and transformed counterparts: cDNA cloning and expression of calnexin. <i>Electrophoresis</i> , <b>1994</b> , 15, 482-90	3.6	23
29	The yeast Vps10p cytoplasmic tail mediates lysosomal sorting in mammalian cells and interacts with human GGAs. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 12288-93	5.4	21
28	The tetramethylammonium chloride method for screening of cDNA libraries using highly degenerate oligonucleotides obtained by backtranslation of amino-acid sequences. <i>Journal of Proteomics</i> , <b>1993</b> , 27, 39-48		20
27	Cytokine-Like Factor 1, an Essential Facilitator of Cardiotrophin-Like Cytokine: Ciliary Neurotrophic Factor Receptor Signaling and sorLA-Mediated Turnover. <i>Molecular and Cellular Biology</i> , <b>2016</b> , 36, 1272-86	4.8	19
26	Sortilin is a putative postendocytic receptor of thyroglobulin. <i>Endocrinology</i> , <b>2009</b> , 150, 509-18	4.8	18
25	Levels of synthesis of primate-specific nuclear proteins differ between growth-arrested and proliferating cells. <i>Experimental Cell Research</i> , <b>1987</b> , 168, 389-401	4.2	17
24	Mannose 6-Phosphate Receptor Is Reduced in $\alpha$ -Synuclein Overexpressing Models of Parkinsons Disease. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160501	3.7	17
23	The C-terminal proteolytic processing of extracellular superoxide dismutase is redox regulated. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 191-7	7.8	15
22	Comprehensive, human cellular protein databases and their implication for the study of genome organization and function. <i>FEBS Letters</i> , <b>1989</b> , 244, 247-54	3.8	14
21	Acidic Environment Induces Dimerization and Ligand Binding Site Collapse in the Vps10p Domain of Sortilin. <i>Structure</i> , <b>2017</b> , 25, 1809-1819.e3	5.2	13
20	Polarized trafficking of the sorting receptor SorLA in neurons and MDCK cells. <i>FEBS Journal</i> , <b>2016</b> , 283, 2476-93	5.7	13
19	Oxidative folding of nerve growth factor can be mediated by the pro-peptide of neurotrophin-3. <i>FEBS Letters</i> , <b>2007</b> , 581, 4159-64	3.8	12
18	Refined mapping of the psoriasin gene S100A7 to chromosome 1cen-q21. <i>Human Genetics</i> , <b>1995</b> , 96, 592-6	6.3	12
17	Human sorCS1 binds sortilin and hampers its cellular functions. <i>Biochemical Journal</i> , <b>2014</b> , 457, 277-88	3.8	10

16	Human rab11a: transcription, chromosome mapping and effect on the expression levels of host GTP-binding proteins. <i>FEBS Letters</i> , <b>1998</b> , 429, 359-64	3.8	10
15	cDNA expression and human two-dimensional gel protein databases: towards integrating DNA and protein information. <i>Electrophoresis</i> , <b>1996</b> , 17, 1713-9	3.6	10
14	The Endo-Lysosomal System of Brain Endothelial Cells Is Influenced by Astrocytes In Vitro. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 8522-8537	6.2	9
13	Human proteins IEF 58 and 57a are associated with the Golgi apparatus. <i>FEBS Letters</i> , <b>1988</b> , 227, 14-20	3.8	9
12	Cloning of a cDNA encoding a novel human nuclear phosphoprotein belonging to the WD-40 family. <i>Gene</i> , <b>1994</b> , 151, 291-6	3.8	8
11	Expression of cDNA clones by coupled in vitro transcription/translation and transfection into COS-1 cells: protein mapping in two-dimensional gels. <i>Electrophoresis</i> , <b>1995</b> , 16, 2258-61	3.6	8
10	Expression of recombinant psoriasis-associated fatty acid binding protein in Escherichia coli: gel electrophoretic characterization, analysis of binding properties and comparison with human serum albumin. <i>Electrophoresis</i> , <b>1998</b> , 19, 1793-802	3.6	7
9	HSPA12A targets the cytoplasmic domain and affects the trafficking of the Amyloid Precursor Protein receptor SorLA. <i>Scientific Reports</i> , <b>2019</b> , 9, 611	4.9	5
8	The tetramethylammonium chloride (TMAC) method for screening cDNA libraries with highly degenerate oligonucleotide probes obtained by reverse translation of amino acid sequences. <i>Methods in Molecular Biology</i> , <b>1997</b> , 69, 139-46	1.4	5
7	Bladder Squamous Cell Carcinomas Express Psoriasin and Externalize it to the Urine. <i>Journal of Urology</i> , <b>1996</b> , 2105-2112	2.5	5
6	ABSENCE OF A THYROID PHENOTYPE IN SORTILIN-DEFICIENT MICE. <i>Endocrine Practice</i> , <b>2015</b> , 21, 981-5	3.2	3
5	Identification of isoprenyl modified proteins metabolically labeled with [3H]farnesyl- and [3H]geranylgeranyl-pyrophosphate. <i>Electrophoresis</i> , <b>1996</b> , 17, 1728-33	3.6	3
4	Anti-mitochondrial protein antibodies in a serum from a patient with systemic lupus erythematosus: Specificity and comparison with other anti-mitochondrial antibodies. <i>Electrophoresis</i> , <b>1987</b> , 8, 238-243	3.6	3
3	PAK Kinases Target Sortilin and Modulate Its Sorting. <i>Molecular and Cellular Biology</i> , <b>2020</b> , 40,	4.8	3
2	cDNA Library Screening with the Tetramethylammonium Chloride (TM AC) Technique Using Highly Degenerate Oligonucleotide Probes <b>2000</b> , 389-395		
1	Human cellular protein patterns and their link to genome DNA mapping and sequencing data: towards an integrated approach to the study of gene expression. <i>Genetic Engineering</i> , <b>1993</b> , 15, 21-40		