

Peder Madsen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	PAK Kinases Target Sortilin and Modulate Its Sorting. <i>Molecular and Cellular Biology</i> , 2020 , 40,	4.8	3
86	HSPA12A targets the cytoplasmic domain and affects the trafficking of the Amyloid Precursor Protein receptor SorLA. <i>Scientific Reports</i> , 2019 , 9, 611	4.9	5
85	The Endo-Lysosomal System of Brain Endothelial Cells Is Influenced by Astrocytes In Vitro. <i>Molecular Neurobiology</i> , 2018 , 55, 8522-8537	6.2	9
84	Heparan sulfate proteoglycans present PCSK9 to the LDL receptor. <i>Nature Communications</i> , 2017 , 8, 503	17.4	59
83	Acidic Environment Induces Dimerization and Ligand Binding Site Collapse in the Vps10p Domain of Sortilin. <i>Structure</i> , 2017 , 25, 1809-1819.e3	5.2	13
82	Mannose 6-Phosphate Receptor Is Reduced in -Synuclein Overexpressing Models of Parkinsons Disease. <i>PLoS ONE</i> , 2016 , 11, e0160501	3.7	17
81	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> , 2016 , 36, 1272-1286	4.8	19
80	Polarized trafficking of the sorting receptor SorLA in neurons and MDCK cells. <i>FEBS Journal</i> , 2016 , 283, 2476-93	5.7	13
79	ABSENCE OF A THYROID PHENOTYPE IN SORTILIN-DEFICIENT MICE. <i>Endocrine Practice</i> , 2015 , 21, 981-5	3.2	3
78	SorCS2 regulates dopaminergic wiring and is processed into an apoptotic two-chain receptor in peripheral glia. <i>Neuron</i> , 2014 , 82, 1074-87	13.9	54
77	Human sorCS1 binds sortilin and hampers its cellular functions. <i>Biochemical Journal</i> , 2014 , 457, 277-88	3.8	10
76	Revisiting the structure of the Vps10 domain of human sortilin and its interaction with neurotensin. <i>Protein Science</i> , 2014 , 23, 1291-300	6.3	23
75	The hypercholesterolemia-risk gene SORT1 facilitates PCSK9 secretion. <i>Cell Metabolism</i> , 2014 , 19, 310-8	24.6	110
74	SorLA controls neurotrophic activity by sorting of GDNF and its receptors GFR α and RET. <i>Cell Reports</i> , 2013 , 3, 186-99	10.6	42
73	Sortilin and SorLA display distinct roles in processing and trafficking of amyloid precursor protein. <i>Journal of Neuroscience</i> , 2013 , 33, 64-71	6.6	71
72	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> , 2012 , 287, 43798-809	5.4	40
71	The C-terminal proteolytic processing of extracellular superoxide dismutase is redox regulated. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 191-7	7.8	15

70	Retromer binds the FANSHY sorting motif in SorLA to regulate amyloid precursor protein sorting and processing. <i>Journal of Neuroscience</i> , 2012 , 32, 1467-80	6.6	181
69	Proneurotrophin-3 may induce Sortilin-dependent death in inner ear neurons. <i>European Journal of Neuroscience</i> , 2011 , 33, 622-31	3.5	32
68	GGA autoinhibition revisited. <i>Traffic</i> , 2010 , 11, 259-73	5.7	29
67	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> , 2010 , 30, 4175-87	4.8	33
66	Sort1, encoded by the cardiovascular risk locus 1p13.3, is a regulator of hepatic lipoprotein export. <i>Cell Metabolism</i> , 2010 , 12, 213-23	24.6	202
65	Sortilin is a putative postendocytic receptor of thyroglobulin. <i>Endocrinology</i> , 2009 , 150, 509-18	4.8	18
64	Ligands bind to Sortilin in the tunnel of a ten-bladed beta-propeller domain. <i>Nature Structural and Molecular Biology</i> , 2009 , 16, 96-8	17.6	121
63	Different motifs regulate trafficking of SorCS1 isoforms. <i>Traffic</i> , 2008 , 9, 980-94	5.7	31
62	Sorting by the cytoplasmic domain of the amyloid precursor protein binding receptor SorLA. <i>Molecular and Cellular Biology</i> , 2007 , 27, 6842-51	4.8	152
61	Oxidative folding of nerve growth factor can be mediated by the pro-peptide of neurotrophin-3. <i>FEBS Letters</i> , 2007 , 581, 4159-64	3.8	12
60	Functional organization of the sortilin Vps10p domain. <i>Journal of Biological Chemistry</i> , 2004 , 279, 50221-9	9.4	61
59	Sortilin is essential for proNGF-induced neuronal cell death. <i>Nature</i> , 2004 , 427, 843-8	50.4	761
58	Characterization of sorCS1, an alternatively spliced receptor with completely different cytoplasmic domains that mediate different trafficking in cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 7390-6	5.4	35
57	The yeast Vps10p cytoplasmic tail mediates lysosomal sorting in mammalian cells and interacts with human GGAs. <i>Journal of Biological Chemistry</i> , 2002 , 277, 12288-93	5.4	21
56	The sorLA cytoplasmic domain interacts with GGA1 and -2 and defines minimum requirements for GGA binding. <i>FEBS Letters</i> , 2002 , 511, 155-8	3.8	88
55	Activation and functional characterization of the mosaic receptor SorLA/LR11. <i>Journal of Biological Chemistry</i> , 2001 , 276, 22788-96	5.4	127
54	cDNA Library Screening with the Tetramethylammonium Chloride (TM AC) Technique Using Highly Degenerate Oligonucleotide Probes 2000 , 389-395		
53	Psoriasis upregulated phorbolin-1 shares structural but not functional similarity to the mRNA-editing protein apobec-1. <i>Journal of Investigative Dermatology</i> , 1999 , 113, 162-9	4.3	45

52	Molecular cloning of a cDNA encoding human calumenin, expression in Escherichia coli and analysis of its Ca ²⁺ -binding activity. <i>BBA - Proteins and Proteomics</i> , 1998 , 1386, 121-31		49
51	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> , 1998 , 19, 1793-802	3.6	7
50	The carboxy-terminal domain of the receptor-associated protein binds to the Vps10p domain of sortilin. <i>FEBS Letters</i> , 1998 , 429, 27-30	3.8	24
49	Human rab11a: transcription, chromosome mapping and effect on the expression levels of host GTP-binding proteins. <i>FEBS Letters</i> , 1998 , 429, 359-64	3.8	10
48	Structural basis for the recognition of carbohydrates by human galectin-7. <i>Biochemistry</i> , 1998 , 37, 13930-40	3.4	166
47	Molecular identification of a novel candidate sorting receptor purified from human brain by receptor-associated protein affinity chromatography. <i>Journal of Biological Chemistry</i> , 1997 , 272, 3599-605	5.4	322
46	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> , 1997 , 69, 139-46	1.4	5
45	Endothelial cells of the human microvasculature express epidermal fatty acid-binding protein. <i>Circulation Research</i> , 1997 , 81, 297-303	15.7	61
44	Bladder Squamous Cell Carcinomas Express Psoriasin and Externalize it to the Urine. <i>Journal of Urology</i> , 1996 , 155, 2105-2112	2.5	133
43	Human 2-D PAGE databases for proteome analysis in health and disease: http://biobase.dk/cgi-bin/celis . <i>FEBS Letters</i> , 1996 , 398, 129-34	3.8	60
42	cDNA expression and human two-dimensional gel protein databases: towards integrating DNA and protein information. <i>Electrophoresis</i> , 1996 , 17, 1713-9	3.6	10
41	Identification of isoprenyl modified proteins metabolically labeled with [³ H]farnesyl- and [³ H]geranylgeranyl-pyrophosphate. <i>Electrophoresis</i> , 1996 , 17, 1728-33	3.6	3
40	Expression and divalent cation binding properties of the novel chemotactic inflammatory protein psoriasin. <i>Electrophoresis</i> , 1996 , 17, 1787-96	3.6	25
39	Induction of normal and psoriatic phenotypes in submerged keratinocyte cultures. <i>Journal of Cellular Physiology</i> , 1996 , 168, 442-52	7	51
38	Psoriasin: a novel chemotactic protein. <i>Journal of Investigative Dermatology</i> , 1996 , 107, 5-10	4.3	191
37	Molecular characterization of a novel human hybrid-type receptor that binds the alpha2-macroglobulin receptor-associated protein. <i>Journal of Biological Chemistry</i> , 1996 , 271, 31379-83	5.4	194
36	Bladder Squamous Cell Carcinomas Express Psoriasin and Externalize it to the Urine. <i>Journal of Urology</i> , 1996 , 2105-2112	2.5	5
35	Refined mapping of the psoriasin gene S100A7 to chromosome 1cen-q21. <i>Human Genetics</i> , 1995 , 96, 592-6	6.3	12

34	Cloning, expression, and chromosome mapping of human galectin-7. <i>Journal of Biological Chemistry</i> , 1995 , 270, 5823-9	5.4	110
33	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> , 1995 , 377, 221-6	3.8	53
32	The human keratinocyte two-dimensional gel protein database (update 1995): mapping components of signal transduction pathways. <i>Electrophoresis</i> , 1995 , 16, 2177-240	3.6	110
31	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> , 1995 , 16, 2258-61	3.6	8
30	Psoriasin binds calcium and is upregulated by calcium to levels that resemble those observed in normal skin. <i>Journal of Investigative Dermatology</i> , 1994 , 103, 370-5	4.3	72
29	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> , 1994 , 15, 1349-458	3.6	58
28	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> , 1994 , 15, 482-90	3.6	23
27	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> , 1994 , 236, 33-48	6.5	87
26	Cloning of a cDNA encoding a novel human nuclear phosphoprotein belonging to the WD-40 family. <i>Gene</i> , 1994 , 151, 291-6	3.8	8
25	Identification of two human Rho GDP dissociation inhibitor proteins whose overexpression leads to disruption of the actin cytoskeleton. <i>Experimental Cell Research</i> , 1993 , 209, 165-74	4.2	74
24	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> , 1993 , 231, 982-98	6.5	161
23	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> , 1993 , 134, 283-7	3.8	55
22	The human keratinocyte two-dimensional gel protein database: update 1993. <i>Electrophoresis</i> , 1993 , 14, 1091-198	3.6	63
21	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> , 1993 , 218, 421-30		48
20	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> , 1993 , 27, 39-48		20
19	Cloning and expression of a novel human profilin variant, profilin II. <i>FEBS Letters</i> , 1993 , 330, 151-5	3.8	66
18	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> , 1993 , 15, 21-40		
17	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> , 1992 , 99, 299-305	4.3	215

16	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> , 1992 , 13, 893-959	3.6	94
15	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> , 1991 , 97, 701-12	4.3	313
14	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> , 1991 , 12, 765-801	3.6	43
13	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> , 1991 , 12, 802-72	3.6	45
12	Human cellular protein patterns and their link to genome DNA sequence data: usefulness of two-dimensional gel electrophoresis and microsequencing. <i>FASEB Journal</i> , 1991 , 5, 2200-8	0.9	69
11	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> , 1990 , 11, 989-1071	3.6	145
10	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> , 1990 , 11, 1072-113	3.6	59
9	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> , 1989 , 10, 76-115	3.6	53
8	Comprehensive, human cellular protein databases and their implication for the study of genome organization and function. <i>FEBS Letters</i> , 1989 , 244, 247-54	3.8	14
7	Human proteins IEF 58 and 57a are associated with the Golgi apparatus. <i>FEBS Letters</i> , 1988 , 227, 14-20	3.8	9
6	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> , 1987 , 220, 1-7	3.8	160
5	Levels of synthesis of primate-specific nuclear proteins differ between growth-arrested and proliferating cells. <i>Experimental Cell Research</i> , 1987 , 168, 389-401	4.2	17
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> , 1987 , 8, 238-243	3.6	3
3	Nuclear patterns of cyclin (PCNA) antigen distribution subdivide S-phase in cultured cells--some applications of PCNA antibodies. <i>Leukemia Research</i> , 1986 , 10, 237-49	2.7	88
2	Increased nuclear cyclin/PCNA antigen staining of non S-phase transformed human amnion cells engaged in nucleotide excision DNA repair. <i>FEBS Letters</i> , 1986 , 209, 277-83	3.8	138
1	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> , 1985 , 193, 5-11	3.8	90