

# Cecilia Lindskog Bergström

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

25,302  
citations

109321

35  
h-index

58581

82  
g-index

88  
all docs

88  
docs citations

88  
times ranked

47450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-based map of the human proteome. <i>Science</i> , 2015, 347, 1260419.	12.6	10,802
2	Analysis of the Human Tissue-specific Expression by Genome-wide Integration of Transcriptomics and Antibody-based Proteomics. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 397-406.	3.8	2,819
3	A pathology atlas of the human cancer transcriptome. <i>Science</i> , 2017, 357, .	12.6	2,570
4	A subcellular map of the human proteome. <i>Science</i> , 2017, 356, .	12.6	2,079
5	The protein expression profile of ACE2 in human tissues. <i>Molecular Systems Biology</i> , 2020, 16, e9610.	7.2	769
6	The human protein atlas: A spatial map of the human proteome. <i>Protein Science</i> , 2018, 27, 233-244.	7.6	667
7	A single-cell type transcriptomics map of human tissues. <i>Science Advances</i> , 2021, 7, .	10.3	632
8	An atlas of the protein-coding genes in the human, pig, and mouse brain. <i>Science</i> , 2020, 367, .	12.6	517
9	The adult human testis transcriptional cell atlas. <i>Cell Research</i> , 2018, 28, 1141-1157.	12.0	426
10	Artificial intelligence for diagnosis and grading of prostate cancer in biopsies: a population-based, diagnostic study. <i>Lancet Oncology</i> , The, 2020, 21, 222-232.	10.7	364
11	A genome-wide transcriptomic analysis of protein-coding genes in human blood cells. <i>Science</i> , 2019, 366, .	12.6	329
12	The human secretome. <i>Science Signaling</i> , 2019, 12, .	3.6	259
13	Mapping the temporal and spatial dynamics of the human endometrium in vivo and in vitro. <i>Nature Genetics</i> , 2021, 53, 1698-1711.	21.4	238
14	Chromatin and Single-Cell RNA-Seq Profiling Reveal Dynamic Signaling and Metabolic Transitions during Human Spermatogonial Stem Cell Development. <i>Cell Stem Cell</i> , 2017, 21, 533-546.e6.	11.1	200
15	The Dynamic Transcriptional Cell Atlas of Testis Development during Human Puberty. <i>Cell Stem Cell</i> , 2020, 26, 262-276.e4.	11.1	155
16	A high-stringency blueprint of the human proteome. <i>Nature Communications</i> , 2020, 11, 5301.	12.8	152
17	Transcriptomics resources of human tissues and organs. <i>Molecular Systems Biology</i> , 2016, 12, 862.	7.2	130
18	A comprehensive structural, biochemical and biological profiling of the human NUDIX hydrolase family. <i>Nature Communications</i> , 2017, 8, 1541.	12.8	124

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19	Garbage in, garbage out: A critical evaluation of strategies used for validation of immunohistochemical biomarkers. <i>Molecular Oncology</i> , 2014, 8, 783-798.	4.6	122
20	Spatiotemporal dissection of the cell cycle with single-cell proteogenomics. <i>Nature</i> , 2021, 590, 649-654.	27.8	104
21	The Human Protein Atlas—Spatial localization of the human proteome in health and disease. <i>Protein Science</i> , 2021, 30, 218-233.	7.6	102
22	Fixation and Spread of Somatic Mutations in Adult Human Colonic Epithelium. <i>Cell Stem Cell</i> , 2018, 22, 909-918.e8.	11.1	89
23	Profiling cancer testis antigens in non-small-cell lung cancer. <i>JCI Insight</i> , 2016, 1, e86837.	5.0	82
24	System-wide Clinical Proteomics of Breast Cancer Reveals Global Remodeling of Tissue Homeostasis. <i>Cell Systems</i> , 2016, 2, 172-184.	6.2	81
25	Enhanced validation of antibodies for research applications. <i>Nature Communications</i> , 2018, 9, 4130.	12.8	76
26	A Web-based Tool for in Silico Biomarker Discovery Based on Tissue-specific Protein Profiles in Normal and Cancer Tissues. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 825-844.	3.8	75
27	Looking for Missing Proteins in the Proteome of Human Spermatozoa: An Update. <i>Journal of Proteome Research</i> , 2016, 15, 3998-4019.	3.7	66
28	CD99 is a novel prognostic stromal marker in non-small cell lung cancer. <i>International Journal of Cancer</i> , 2012, 131, 2264-2273.	5.1	63
29	Proteomic Profiling Reveals Autoimmune Targets in Sarcoidosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 574-583.	5.6	61
30	Mechanistic insights into COVID-19 by global analysis of the SARS-CoV-2 3CLpro substrate degradome. <i>Cell Reports</i> , 2021, 37, 109892.	6.4	60
31	Novel pancreatic beta cell-specific proteins: Antibody-based proteomics for identification of new biomarker candidates. <i>Journal of Proteomics</i> , 2012, 75, 2611-2620.	2.4	59
32	The human cardiac and skeletal muscle proteomes defined by transcriptomics and antibody-based profiling. <i>BMC Genomics</i> , 2015, 16, 475.	2.8	58
33	The potential clinical impact of the tissue-based map of the human proteome. <i>Expert Review of Proteomics</i> , 2015, 12, 213-215.	3.0	55
34	The lung-specific proteome defined by integration of transcriptomics and antibody-based profiling. <i>FASEB Journal</i> , 2014, 28, 5184-5196.	0.5	54
35	Prognostic Impact of Tumor Cell Programmed Death Ligand 1 Expression and Immune Cell Infiltration in NSCLC. <i>Journal of Thoracic Oncology</i> , 2019, 14, 628-640.	1.1	54
36	Research on the Human Proteome Reaches a Major Milestone: >90% of Predicted Human Proteins Now Credibly Detected, According to the HUPO Human Proteome Project. <i>Journal of Proteome Research</i> , 2020, 19, 4735-4746.	3.7	38

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37	The Human Pancreas Proteome Defined by Transcriptomics and Antibody-Based Profiling. PLoS ONE, 2014, 9, e115421.	2.5	35
38	A Systematic Characterization of Aquaporin-9 Expression in Human Normal and Pathological Tissues. Journal of Histochemistry and Cytochemistry, 2016, 64, 287-300.	2.5	34
39	A specific antibody to detect transcription factor T-Pit: a reliable marker of corticotroph cell differentiation and a tool to improve the classification of pituitary neuroendocrine tumours. Acta Neuropathologica, 2017, 134, 675-677.	7.7	32
40	Serum Autoantibody Profiling of Patients with Paraneoplastic and Non-Paraneoplastic Autoimmune Retinopathy. PLoS ONE, 2016, 11, e0167909.	2.5	30
41	Progress Identifying and Analyzing the Human Proteome: 2021 Metrics from the HUPO Human Proteome Project. Journal of Proteome Research, 2021, 20, 5227-5240.	3.7	30
42	A human adipose tissue cell-type transcriptome atlas. Cell Reports, 2022, 40, 111046.	6.4	30
43	Cell Type-Specific Expression of Testis Elevated Genes Based on Transcriptomics and Antibody-Based Proteomics. Journal of Proteome Research, 2019, 18, 4215-4230.	3.7	29
44	The Human Protein Atlas – an important resource for basic and clinical research. Expert Review of Proteomics, 2016, 13, 627-629.	3.0	28
45	VEGF receptor/neuropilin 1 complex formation between endothelial and tumor cells is an independent predictor of pancreatic cancer survival. Journal of Pathology, 2018, 246, 311-322.	4.5	28
46	The prognostic impact of the tumour stroma fraction: A machine learning-based analysis in 16 human solid tumour types. EBioMedicine, 2021, 65, 103269.	6.1	25
47	Programmed Cell Death Ligand 1 Immunohistochemistry: A Concordance Study Between Surgical Specimen, Biopsy, and Tissue Microarray. Clinical Lung Cancer, 2019, 20, 258-262.e1.	2.6	23
48	Endothelial cell heterogeneity and microglia regulons revealed by a pig cell landscape at single-cell level. Nature Communications, 2022, 13, .	12.8	22
49	Validating Missing Proteins in Human Sperm Cells by Targeted Mass-Spectrometry- and Antibody-based Methods. Journal of Proteome Research, 2017, 16, 4340-4351.	3.7	21
50	An Integrative Analysis of Transcriptome and Epigenome Features of ASCL1-Positive Lung Adenocarcinomas. Journal of Thoracic Oncology, 2018, 13, 1676-1691.	1.1	21
51	Characterization of avian influenza virus attachment patterns to human and pig tissues. Scientific Reports, 2018, 8, 12215.	3.3	20
52	PPP2R2A prostate cancer haploinsufficiency is associated with worse prognosis and a high vulnerability to B55 $\beta$ /PP2A reconstitution that triggers centrosome destabilization. Oncogenesis, 2019, 8, 72.	4.9	20
53	Enhanced Validation of Antibodies Enables the Discovery of Missing Proteins. Journal of Proteome Research, 2020, 19, 4766-4781.	3.7	19
54	Immunohistochemistry-based prognostic biomarkers in NSCLC: novel findings on the road to clinical use?. Expert Review of Molecular Diagnostics, 2015, 15, 471-490.	3.1	18

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55	Tumoral Pyruvate Kinase L/R as a Predictive Marker for the Treatment of Renal Cancer Patients with Sunitinib and Sorafenib. <i>Journal of Cancer</i> , 2019, 10, 3224-3231.	2.5	18
56	Infiltration of NK and plasma cells is associated with a distinct immune subset in non-small cell lung cancer. <i>Journal of Pathology</i> , 2021, 255, 243-256.	4.5	17
57	European H16N3 Gull Influenza Virus Attaches to the Human Respiratory Tract and Eye. <i>PLoS ONE</i> , 2013, 8, e60757.	2.5	16
58	Integration of Transcriptomics and Antibody-Based Proteomics for Exploration of Proteins Expressed in Specialized Tissues. <i>Journal of Proteome Research</i> , 2018, 17, 4127-4137.	3.7	15
59	Antibody-based proteomics for discovery and exploration of proteins expressed in pancreatic islets. <i>Discovery Medicine</i> , 2010, 9, 565-78.	0.5	15
60	Genome-wide annotation of protein-coding genes in pig. <i>BMC Biology</i> , 2022, 20, 25.	3.8	14
61	Dishevelled enables casein kinase 1-mediated phosphorylation of Frizzled 6 required for cell membrane localization. <i>Journal of Biological Chemistry</i> , 2018, 293, 18477-18493.	3.4	13
62	Attachment Patterns of Human and Avian Influenza Viruses to Trachea and Colon of 26 Bird Species Support for the Community Concept. <i>Frontiers in Microbiology</i> , 2019, 10, 815.	3.5	12
63	Perivascular Neuropilin-1 expression is an independent marker of improved survival in renal cell carcinoma. <i>Journal of Pathology</i> , 2020, 250, 387-396.	4.5	12
64	DeepHistoClass: A Novel Strategy for Confident Classification of Immunohistochemistry Images Using Deep Learning. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100140.	3.8	11
65	Systematic analysis reveals a functional role for STAMBPL1 in the epithelial-mesenchymal transition process across multiple carcinomas. <i>British Journal of Cancer</i> , 2020, 123, 1164-1177.	6.4	10
66	PD-L1 and IDO1 are potential targets for treatment in patients with primary diffuse large B-cell lymphoma of the CNS. <i>Acta Oncologica</i> , 2021, 60, 531-538.	1.8	10
67	ASCL1 promotes tumor progression through cell-autonomous signaling and immune modulation in a subset of lung adenocarcinoma. <i>Cancer Letters</i> , 2020, 489, 121-132.	7.2	8
68	Proximity Ligation Assay as a Tool for Antibody Validation in Human Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 515-529.	2.5	8
69	Candidate protein biomarkers in pancreatic neuroendocrine neoplasms grade 3. <i>Scientific Reports</i> , 2020, 10, 10639.	3.3	8
70	TGFBR3: An Uncharacterised Pituitary Specific Membrane Protein Detected in the Gonadotroph Cells in Non-Neoplastic and Tumour Tissue. <i>Cancers</i> , 2021, 13, 114.	3.7	8
71	Analysis of Candidate Genes for Lineage-Specific Expression Changes in Humans and Primates. <i>Journal of Proteome Research</i> , 2014, 13, 3596-3606.	3.7	7
72	Tumor endothelial ELTD1 as a predictive marker for treatment of renal cancer patients with sunitinib. <i>BMC Cancer</i> , 2020, 20, 339.	2.6	7

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73	Interobserver reproducibility of perineural invasion of prostatic adenocarcinoma in needle biopsies. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 1109-1116.	2.8	7
74	A Diffusion-like Process Accommodates New Crypts During Clonal Expansion in Human Colonic Epithelium. <i>Gastroenterology</i> , 2021, 161, 548-559.e23.	1.3	6
75	Genomic Multiple Sclerosis Risk Variants Modulate the Expression of the ANKRD55-IL6ST Gene Region in Immature Dendritic Cells. <i>Frontiers in Immunology</i> , 2021, 12, 816930.	4.8	6
76	The Human Protein Atlas and Antibody-Based Tissue Profiling in Clinical Proteomics. <i>Methods in Molecular Biology</i> , 2022, 2420, 191-206.	0.9	5
77	A High-throughput Bead-based Affinity Assay Enables Analysis of Genital Protein Signatures in Women At Risk of HIV Infection. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 461-476.	3.8	4
78	Combined RNA/tissue profiling identifies novel Cancer/testis genes. <i>Molecular Oncology</i> , 2021, 15, 3003-3023.	4.6	3
79	Estimating Uncertainty in Deep Learning for Reporting Confidence: An Application on Cell Type Prediction in Testes Based on Proteomics. <i>Lecture Notes in Computer Science</i> , 2020, , 223-234.	1.3	3
80	Somatostatin receptor expression and mTOR pathway activation in glioneuronal tumours of childhood. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 76, 123-130.	2.0	2
81	Marginal zone lymphoma expression of histidine-rich glycoprotein correlates with improved survival. <i>EJHaem</i> , 2020, 1, 199-207.	1.0	1
82	Antibody Validation for Estrogen Receptor Beta. <i>Methods in Molecular Biology</i> , 2022, 2418, 1-23.	0.9	1
83	Outcome in PCNSL patients and its association with PD-L1+ leukocytes in the tumor microenvironment. <i>Acta Oncologica</i> , 2022, 61, 824-829.	1.8	0