

# Fredrik Edfors

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2402964/publications.pdf>

Version: 2024-02-01

37  
papers

5,582  
citations

471509

17  
h-index

345221

36  
g-index

48  
all docs

48  
docs citations

48  
times ranked

10714  
citing authors

#	ARTICLE	IF	CITATIONS
1	A pathology atlas of the human cancer transcriptome. <i>Science</i> , 2017, 357, .	12.6	2,570
2	A single-cell type transcriptomics map of human tissues. <i>Science Advances</i> , 2021, 7, .	10.3	632
3	An atlas of the protein-coding genes in the human, pig, and mouse brain. <i>Science</i> , 2020, 367, .	12.6	517
4	Gene-specific correlation of <i>scRNA</i> and protein levels in human cells and tissues. <i>Molecular Systems Biology</i> , 2016, 12, 883.	7.2	347
5	A genome-wide transcriptomic analysis of protein-coding genes in human blood cells. <i>Science</i> , 2019, 366, .	12.6	329
6	The human secretome. <i>Science Signaling</i> , 2019, 12, .	3.6	259
7	Large-Scale Analyses of Human Microbiomes Reveal Thousands of Small, Novel Genes. <i>Cell</i> , 2019, 178, 1245-1259.e14.	28.9	163
8	Growth of Cyanobacteria Is Constrained by the Abundance of Light and Carbon Assimilation Proteins. <i>Cell Reports</i> , 2018, 25, 478-486.e8.	6.4	97
9	Enhanced validation of antibodies for research applications. <i>Nature Communications</i> , 2018, 9, 4130.	12.8	76
10	Integration of molecular profiles in a longitudinal wellness profiling cohort. <i>Nature Communications</i> , 2020, 11, 4487.	12.8	66
11	Next generation plasma proteome profiling to monitor health and disease. <i>Nature Communications</i> , 2021, 12, 2493.	12.8	61
12	Targeting <i>CDK</i> 2 overcomes melanoma resistance against <i>BRAF</i> and Hsp90 inhibitors. <i>Molecular Systems Biology</i> , 2018, 14, e7858.	7.2	53
13	Immunocapture strategies in translational proteomics. <i>Expert Review of Proteomics</i> , 2016, 13, 83-98.	3.0	37
14	Development of parallel reaction monitoring assays for cerebrospinal fluid proteins associated with Alzheimer's disease. <i>Clinica Chimica Acta</i> , 2019, 494, 79-93.	1.1	30
15	Immunoproteomics Using Polyclonal Antibodies and Stable Isotope-labeled Affinity-purified Recombinant Proteins. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1611-1624.	3.8	27
16	Next generation plasma proteome profiling of COVID-19 patients with mild to moderate symptoms. <i>EBioMedicine</i> , 2021, 74, 103723.	6.1	26
17	Whole-genome sequence association analysis of blood proteins in a longitudinal wellness cohort. <i>Genome Medicine</i> , 2020, 12, 53.	8.2	23
18	A Protein Standard That Emulates Homology for the Characterization of Protein Inference Algorithms. <i>Journal of Proteome Research</i> , 2018, 17, 1879-1886.	3.7	22

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19	Rapid and sensitive detection of SARS-CoV-2 infection using quantitative peptide enrichment LC-MS analysis. <i>ELife</i> , 2021, 10, .	6.0	20
20	Screening a Resource of Recombinant Protein Fragments for Targeted Proteomics. <i>Journal of Proteome Research</i> , 2019, 18, 2706-2718.	3.7	19
21	High Cell Density Perfusion Culture has a Maintained Exoproteome and Metabolome. <i>Biotechnology Journal</i> , 2018, 13, e1800036.	3.5	18
22	Facets of individual-specific health signatures determined from longitudinal plasma proteome profiling. <i>EBioMedicine</i> , 2020, 57, 102854.	6.1	18
23	Inflammation and Apolipoproteins Are Potential Biomarkers for Stratification of Cutaneous Melanoma Patients for Immunotherapy and Targeted Therapy. <i>Cancer Research</i> , 2021, 81, 2545-2555.	0.9	18
24	High throughput generation of a resource of the human secretome in mammalian cells. <i>New Biotechnology</i> , 2020, 58, 45-54.	4.4	16
25	Longitudinal plasma protein profiling of newly diagnosed type 2 diabetes. <i>EBioMedicine</i> , 2021, 63, 103147.	6.1	15
26	Solid-phase cloning for high-throughput assembly of single and multiple DNA parts. <i>Nucleic Acids Research</i> , 2015, 43, e49-e49.	14.5	14
27	Absolute Quantification of Apolipoproteins Following Treatment with Omega-3 Carboxylic Acids and Fenofibrate Using a High Precision Stable Isotope-labeled Recombinant Protein Fragments Based SRM Assay. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2433-2446.	3.8	13
28	Harnessing secretory pathway differences between HEK293 and CHO to rescue production of difficult to express proteins. <i>Metabolic Engineering</i> , 2022, 72, 171-187.	7.0	13
29	SAMHD1 phosphorylation and cytoplasmic relocalization after human cytomegalovirus infection limits its antiviral activity. <i>PLoS Pathogens</i> , 2020, 16, e1008855.	4.7	12
30	Systematic Development of Sandwich Immunoassays for the Plasma Secretome. <i>Proteomics</i> , 2019, 19, e1900008.	2.2	10
31	Profiles of histidine-rich glycoprotein associate with age and risk of all-cause mortality. <i>Life Science Alliance</i> , 2020, 3, e202000817.	2.8	9
32	National Cancer Institute Think-Tank Meeting Report on Proteomic Cartography and Biomarkers at the Single-Cell Level: Interrogation of Premalignant Lesions. <i>Journal of Proteome Research</i> , 2020, 19, 1900-1912.	3.7	8
33	Targeted proteomics analysis of plasma proteins using recombinant protein standards for addition only workflows. <i>BioTechniques</i> , 2021, 71, 473-483.	1.8	8
34	Longitudinal Plasma Protein Profiling Using Targeted Proteomics and Recombinant Protein Standards. <i>Journal of Proteome Research</i> , 2020, 19, 4815-4825.	3.7	7
35	Enhanced metabolism and negative regulation of ER stress support higher erythropoietin production in HEK293 cells. <i>Cell Reports</i> , 2022, 39, 110936.	6.4	4
36	Proteomics in thrombosis research. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2022, 6, e12706.	2.3	2

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37	Principles of Systems Biology, No. 11. Cell Systems, 2016, 3, 406-410.	6.2	0