

# Anders Ståhlberg

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

7,945  
citations

66234

42  
h-index

53109

85  
g-index

114  
all docs

114  
docs citations

114  
times ranked

14046  
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistence of ctDNA in Patients with Breast Cancer During Neoadjuvant Treatment Is a Significant Predictor of Poor Tumor Response. <i>Clinical Cancer Research</i> , 2022, 28, 697-707.	3.2	17
2	FUS-DDIT3 Fusion Oncoprotein Expression Affects JAK-STAT Signaling in Myxoid Liposarcoma. <i>Frontiers in Oncology</i> , 2022, 12, 816894.	1.3	7
3	FET fusion oncoproteins interact with BRD4 and SWI/SNF chromatin remodelling complex subtypes in sarcoma. <i>Molecular Oncology</i> , 2022, 16, 2470-2495.	2.1	12
4	Different HSP90 Inhibitors Exert Divergent Effect on Myxoid Liposarcoma In Vitro and In Vivo. <i>Biomedicines</i> , 2022, 10, 624.	1.4	3
5	Breast Cancer Patient-Derived Scaffolds Can Expose Unique Individual Cancer Progressing Properties of the Cancer Microenvironment Associated with Clinical Characteristics. <i>Cancers</i> , 2022, 14, 2172.	1.7	7
6	5-fluorouracil treatment of patient-derived scaffolds from colorectal cancer reveal clinically critical information. <i>Journal of Translational Medicine</i> , 2022, 20, 209.	1.8	6
7	DiscBIO: A User-Friendly Pipeline for Biomarker Discovery in Single-Cell Transcriptomics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1399.	1.8	6
8	Ultrasensitive circulating tumor DNA analysis enables precision medicine: experimental workflow considerations. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 299-310.	1.5	23
9	Patient-derived scaffolds as a drug-testing platform for endocrine therapies in breast cancer. <i>Scientific Reports</i> , 2021, 11, 13334.	1.6	19
10	Optimized alginate-based 3D printed scaffolds as a model of patient derived breast cancer microenvironments in drug discovery. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 045046.	1.7	12
11	Patient-derived scaffolds influence secretion profiles in cancer cells mirroring clinical features and breast cancer subtypes. <i>Cell Communication and Signaling</i> , 2021, 19, 66.	2.7	8
12	3D Printed Nanocellulose Scaffolds as a Cancer Cell Culture Model System. <i>Bioengineering</i> , 2021, 8, 97.	1.6	13
13	The PEMBAC phase 2 study of pembrolizumab and entinostat in patients with metastatic uveal melanoma. <i>Nature Communications</i> , 2021, 12, 5155.	5.8	85
14	Digital Quantification of Chemical Oligonucleotide Synthesis Errors. <i>Clinical Chemistry</i> , 2021, 67, 1384-1394.	1.5	9
15	Monitoring Circulating Tumor DNA During Surgical Treatment in Patients with Gastrointestinal Stromal Tumors. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2568-2576.	1.9	9
16	Patient-derived scaffolds as a model of colorectal cancer. <i>Cancer Medicine</i> , 2021, 10, 867-882.	1.3	17
17	Breast cancer patient-derived scaffolds as a tool to monitor chemotherapy responses in human tumor microenvironments. <i>Journal of Cellular Physiology</i> , 2021, 236, 4709-4724.	2.0	22
18	The Effect of Hypoxic and Normoxic Culturing Conditions in Different Breast Cancer 3D Model Systems. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 711977.	2.0	2

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19	Circulating cell-free tumor DNA analysis in pediatric cancers. <i>Molecular Aspects of Medicine</i> , 2020, 72, 100819.	2.7	24
20	Patient-derived scaffolds uncover breast cancer promoting properties of the microenvironment. <i>Biomaterials</i> , 2020, 235, 119705.	5.7	41
21	Liquid biopsy analysis in cancer diagnostics. <i>Molecular Aspects of Medicine</i> , 2020, 72, 100839.	2.7	11
22	Response to BRAF/MEK Inhibition in A598_T599insV BRAF Mutated Melanoma. <i>Case Reports in Oncology</i> , 2020, 12, 872-879.	0.3	5
23	The mevalonate precursor enzyme HMGCS1 is a novel marker and key mediator of cancer stem cell enrichment in luminal and basal models of breast cancer. <i>PLoS ONE</i> , 2020, 15, e0236187.	1.1	20
24	Ultrasensitive DNA Immune Repertoire Sequencing Using Unique Molecular Identifiers. <i>Clinical Chemistry</i> , 2020, 66, 1228-1237.	1.5	10
25	Total mRNA Quantification in Single Cells: Sarcoma Cell Heterogeneity. <i>Cells</i> , 2020, 9, 759.	1.8	7
26	Characterization of cell-free breast cancer patient-derived scaffolds using liquid chromatography-mass spectrometry/mass spectrometry data and RNA sequencing data. <i>Data in Brief</i> , 2020, 31, 105860.	0.5	5
27	Detection of Circulating Tumor DNA in Plasma: A Potential Biomarker for Esophageal Adenocarcinoma. <i>Annals of Thoracic Surgery</i> , 2019, 108, 343-349.	0.7	36
28	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
29	JAK-STAT signalling controls cancer stem cell properties including chemotherapy resistance in myxoid liposarcoma. <i>International Journal of Cancer</i> , 2019, 145, 435-449.	2.3	52
30	Identification of Breast Cancer Stem Cell Related Genes Using Functional Cellular Assays Combined With Single-Cell RNA Sequencing in MDA-MB-231 Cells. <i>Frontiers in Genetics</i> , 2019, 10, 500.	1.1	26
31	Hypoxia-induced secretion stimulates breast cancer stem cell regulatory signalling pathways. <i>Molecular Oncology</i> , 2019, 13, 1693-1705.	2.1	15
32	Multilaboratory Assessment of a New Reference Material for Quality Assurance of Cell-Free Tumor DNA Measurements. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 658-676.	1.2	13
33	<sc>FET</sc> family fusion oncoproteins target the <sc>SWI</sc> / <sc>SNF</sc> chromatin remodeling complex. <i>EMBO Reports</i> , 2019, 20, .	2.0	52
34	Requirement for YAP1 signaling in myxoid liposarcoma. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	25
35	Impact of Polymerase Fidelity on Background Error Rates in Next-Generation Sequencing with Unique Molecular Identifiers/Barcodes. <i>Scientific Reports</i> , 2019, 9, 3503.	1.6	38
36	Considerations and quality controls when analyzing cell-free tumor DNA. <i>Biomolecular Detection and Quantification</i> , 2019, 17, 100078.	7.0	66

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37	Plasma circulating tumor DNA as a potential tool for disease monitoring in head and neck cancer. <i>Head and Neck</i> , 2019, 41, 1351-1358.	0.9	22
38	Lack of the brain-specific isoform of apoptosis-inducing factor aggravates cerebral damage in a model of neonatal hypoxia-ischemia. <i>Cell Death and Disease</i> , 2019, 10, 3.	2.7	25
39	Identification of inhibitors regulating cell proliferation and FUS-DDIT3 expression in myxoid liposarcoma using combined DNA, mRNA, and protein analyses. <i>Laboratory Investigation</i> , 2018, 98, 957-967.	1.7	6
40	Human oocyte maturation in vitro is improved by co-culture with cumulus cells from mature oocytes. <i>Reproductive BioMedicine Online</i> , 2018, 36, 508-523.	1.1	42
41	A role for endothelial cells in radiation-induced inflammation. <i>International Journal of Radiation Biology</i> , 2018, 94, 259-271.	1.0	18
42	Technical aspects and recommendations for single-cell qPCR. <i>Molecular Aspects of Medicine</i> , 2018, 59, 28-35.	2.7	22
43	Unravelling the biological secrets of microchimerism by single-cell analysis. <i>Briefings in Functional Genomics</i> , 2018, 17, 255-264.	1.3	10
44	The secrets of the cell. <i>Molecular Aspects of Medicine</i> , 2018, 59, 1-4.	2.7	6
45	Sortilin inhibition limits secretion-induced progranulin-dependent breast cancer progression and cancer stem cell expansion. <i>Breast Cancer Research</i> , 2018, 20, 137.	2.2	39
46	Elevated pyrimidine dimer formation at distinct genomic bases underlies promoter mutation hotspots in UV-exposed cancers. <i>PLoS Genetics</i> , 2018, 14, e1007849.	1.5	60
47	Pre-amplification with dUTP and Cod UNG Enables Elimination of Contaminating Amplicons. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3185.	1.8	5
48	Anti-Leukemic Properties of Histamine in Monocytic Leukemia: The Role of NOX2. <i>Frontiers in Oncology</i> , 2018, 8, 218.	1.3	25
49	Simple multiplexed PCR-based barcoding of DNA for ultrasensitive mutation detection by next-generation sequencing. <i>Nature Protocols</i> , 2017, 12, 664-682.	5.5	93
50	Global pre-amplification simplifies targeted mRNA quantification. <i>Scientific Reports</i> , 2017, 7, 45219.	1.6	20
51	Cellular organization and molecular differentiation model of breast cancer-associated fibroblasts. <i>Molecular Cancer</i> , 2017, 16, 73.	7.9	40
52	Injury Leads to the Appearance of Cells with Characteristics of Both Microglia and Astrocytes in Mouse and Human Brain. <i>Cerebral Cortex</i> , 2017, 27, 3360-3377.	1.6	26
53	Transcriptomic Characterization of the Human Cell Cycle in Individual Unsynchronized Cells. <i>Journal of Molecular Biology</i> , 2017, 429, 3909-3924.	2.0	11
54	Role of regulatory T cells in acute myeloid leukemia patients undergoing relapse-preventive immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 1473-1484.	2.0	45

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55	Cell Cycle and Cell Size Dependent Gene Expression Reveals Distinct Subpopulations at Single-Cell Level. <i>Frontiers in Genetics</i> , 2017, 8, 1.	1.1	149
56	Recurrent promoter mutations in melanoma are defined by an extended context-specific mutational signature. <i>PLoS Genetics</i> , 2017, 13, e1006773.	1.5	67
57	MicroRNAs: From Female Fertility, Germ Cells, and Stem Cells to Cancer in Humans. <i>Stem Cells International</i> , 2016, 2016, 1-17.	1.2	32
58	Expression of Inflammation/Pain-Related Genes in the Dorsal Root Ganglion following Disc Puncture in Rats. <i>Journal of Orthopaedic Surgery</i> , 2016, 24, 106-112.	0.4	7
59	Simple, multiplexed, PCR-based barcoding of DNA enables sensitive mutation detection in liquid biopsies using sequencing. <i>Nucleic Acids Research</i> , 2016, 44, e105-e105.	6.5	108
60	Regulatory mechanisms, expression levels and proliferation effects of the FUS-DDIT3 fusion oncogene in liposarcoma. <i>Journal of Pathology</i> , 2016, 238, 689-699.	2.1	13
61	Identification of Distinct Breast Cancer Stem Cell Populations Based on Single-Cell Analyses of Functionally Enriched Stem and Progenitor Pools. <i>Stem Cell Reports</i> , 2016, 6, 121-136.	2.3	84
62	Multiplex Preamplification of Serum DNA to Facilitate Reliable Detection of Extremely Rare Cancer Mutations in Circulating DNA by Digital PCR. <i>Journal of Molecular Diagnostics</i> , 2016, 18, 235-243.	1.2	38
63	HSP90 inhibition blocks ERBB3 and RET phosphorylation in myxoid/round cell liposarcoma and causes massive cell death <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 433-445.	0.8	12
64	Histamine Promotes the Development of Monocyte-Derived Dendritic Cells and Reduces Tumor Growth by Targeting the Myeloid NADPH Oxidase. <i>Journal of Immunology</i> , 2015, 194, 5014-5021.	0.4	38
65	Properties of targeted preamplification in DNA and cDNA quantification. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1085-1100.	1.5	35
66	Classification of Subpopulations of Cells Within Human Primary Brain Tumors by Single Cell Gene Expression Profiling. <i>Neurochemical Research</i> , 2015, 40, 336-352.	1.6	6
67	Normal and Functional TP53 in Genetically Stable Myxoid/Round Cell Liposarcoma. <i>PLoS ONE</i> , 2014, 9, e113110.	1.1	19
68	Cell Senescence in Myxoid/Round Cell Liposarcoma. <i>Sarcoma</i> , 2014, 2014, 1-7.	0.7	11
69	The workflow of single-cell expression profiling using quantitative real-time PCR. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 323-331.	1.5	77
70	A conserved N-terminal motif is required for complex formation between FUS, EWSR1, TAF15 and their oncogenic fusion proteins. <i>FASEB Journal</i> , 2013, 27, 4965-4974.	0.2	34
71	RT-qPCR work-flow for single-cell data analysis. <i>Methods</i> , 2013, 59, 80-88.	1.9	77
72	Receptor for complement peptide C3a: a therapeutic target for neonatal hypoxic-ischemic brain injury. <i>FASEB Journal</i> , 2013, 27, 3797-3804.	0.2	48

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73	Distinct gene expression signatures in human embryonic stem cells differentiated towards definitive endoderm at single-cell level. <i>Methods</i> , 2013, 59, 59-70.	1.9	19
74	The added value of single-cell gene expression profiling. <i>Briefings in Functional Genomics</i> , 2013, 12, 81-89.	1.3	21
75	Direct Cell Lysis for Single-Cell Gene Expression Profiling. <i>Frontiers in Oncology</i> , 2013, 3, 274.	1.3	49
76	Plasticity Response in the Contralesional Hemisphere after Subtle Neurotrauma: Gene Expression Profiling after Partial Deafferentation of the Hippocampus. <i>PLoS ONE</i> , 2013, 8, e70699.	1.1	26
77	Heterogeneity of Astrocytes: From Development to Injury – Single Cell Gene Expression. <i>PLoS ONE</i> , 2013, 8, e69734.	1.1	103
78	Quantitative PCR Analysis of DNA, RNAs, and Proteins in the Same Single Cell. <i>Clinical Chemistry</i> , 2012, 58, 1682-1691.	1.5	64
79	Astrocytes Negatively Regulate Neurogenesis Through the Jagged1-Mediated Notch Pathway. <i>Stem Cells</i> , 2012, 30, 2320-2329.	1.4	123
80	Fused in sarcoma (FUS) interacts with the cytolinker protein plectin: Implications for FUS subcellular localization and function. <i>Experimental Cell Research</i> , 2012, 318, 653-661.	1.2	9
81	Distinct Cytoplasmic and Nuclear Functions of the Stress Induced Protein DDIT3/CHOP/GADD153. <i>PLoS ONE</i> , 2012, 7, e33208.	1.1	87
82	Single-cell gene-expression profiling and its potential diagnostic applications. <i>Expert Review of Molecular Diagnostics</i> , 2011, 11, 735-740.	1.5	49
83	Unique gene expression patterns indicate microglial contribution to neural stem cell recovery following irradiation. <i>Molecular and Cellular Neurosciences</i> , 2011, 46, 710-719.	1.0	21
84	Growth-limiting role of endothelial cells in endoderm development. <i>Developmental Biology</i> , 2011, 352, 267-277.	0.9	38
85	N-CAM Exhibits a Regulatory Function in Pathological Angiogenesis in Oxygen Induced Retinopathy. <i>PLoS ONE</i> , 2011, 6, e26026.	1.1	10
86	Defining cell populations with single-cell gene expression profiling: correlations and identification of astrocyte subpopulations. <i>Nucleic Acids Research</i> , 2011, 39, e24-e24.	6.5	90
87	FGF2 Specifies hESC-Derived Definitive Endoderm into Foregut/Midgut Cell Lineages in a Concentration-Dependent Manner. <i>Stem Cells</i> , 2010, 28, 45-56.	1.4	118
88	Single-cell gene expression profiling using reverse transcription quantitative real-time PCR. <i>Methods</i> , 2010, 50, 282-288.	1.9	91
89	Attenuation of Reactive Gliosis Does Not Affect Infarct Volume in Neonatal Hypoxic-Ischemic Brain Injury in Mice. <i>PLoS ONE</i> , 2010, 5, e10397.	1.1	57
90	FGF4 and Retinoic Acid Direct Differentiation of hESCs into PDX1-Expressing Foregut Endoderm in a Time- and Concentration-Dependent Manner. <i>PLoS ONE</i> , 2009, 4, e4794.	1.1	96

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91	Quantitative Transcription Factor Analysis of Undifferentiated Single Human Embryonic Stem Cells. <i>Clinical Chemistry</i> , 2009, 55, 2162-2170.	1.5	23
92	Design and Optimization of Reverse-Transcription Quantitative PCR Experiments. <i>Clinical Chemistry</i> , 2009, 55, 1816-1823.	1.5	92
93	Complement-Derived Anaphylatoxin C3a Regulates In Vitro Differentiation and Migration of Neural Progenitor Cells. <i>Stem Cells</i> , 2009, 27, 2824-2832.	1.4	142
94	Quantification of mRNA in single cells and modelling of RT-qPCR induced noise. <i>BMC Molecular Biology</i> , 2008, 9, 63.	3.0	104
95	The multifunctional FUS, EWS and TAF15 proto-oncoproteins show cell type-specific expression patterns and involvement in cell spreading and stress response. <i>BMC Cell Biology</i> , 2008, 9, 37.	3.0	284
96	Protective Role of Reactive Astrocytes in Brain Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 468-481.	2.4	441
97	Multiway real-time PCR gene expression profiling in yeast <i>Saccharomyces cerevisiae</i> reveals altered transcriptional response of ADH-genes to glucose stimuli. <i>BMC Genomics</i> , 2008, 9, 170.	1.2	47
98	Pericytes limit tumor cell metastasis. <i>Journal of Clinical Investigation</i> , 2006, 116, 642-651.	3.9	294
99	Combining sequence-specific probes and DNA binding dyes in real-time PCR for specific nucleic acid quantification and melting curve analysis. <i>BioTechniques</i> , 2006, 40, 315-319.	0.8	30
100	The real-time polymerase chain reaction. <i>Molecular Aspects of Medicine</i> , 2006, 27, 95-125.	2.7	1,086
101	Myxoid liposarcoma FUS-DDIT3 fusion oncogene induces C/EBP $\beta$ -mediated interleukin 6 expression. <i>International Journal of Cancer</i> , 2005, 115, 556-560.	2.3	44
102	Quantitative real-time PCR for cancer detection: the lymphoma case. <i>Expert Review of Molecular Diagnostics</i> , 2005, 5, 221-230.	1.5	58
103	Gene expression profiling in single cells from the pancreatic islets of Langerhans reveals lognormal distribution of mRNA levels. <i>Genome Research</i> , 2005, 15, 1388-1392.	2.4	337
104	Neural Cell Adhesion Molecule-Deficient $\beta$ -Cell Tumorigenesis Results in Diminished Extracellular Matrix Molecule Expression and Tumour Cell-Matrix Adhesion. <i>Tumor Biology</i> , 2005, 26, 103-112.	0.8	8
105	Properties of the Reverse Transcription Reaction in mRNA Quantification. <i>Clinical Chemistry</i> , 2004, 50, 509-515.	1.5	337
106	Switching the mode of metabolism in the yeast <i>Saccharomyces cerevisiae</i> . <i>EMBO Reports</i> , 2004, 5, 532-537.	2.0	177
107	Comparison of Reverse Transcriptases in Gene Expression Analysis. <i>Clinical Chemistry</i> , 2004, 50, 1678-1680.	1.5	207
108	Quantitative Real-Time PCR Method for Detection of B-Lymphocyte Monoclonality by Comparison of $\kappa$ and $\lambda$ Immunoglobulin Light Chain Expression. <i>Clinical Chemistry</i> , 2003, 49, 51-59.	1.5	128

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109	Kinetic Outlier Detection (KOD) in real-time PCR. <i>Nucleic Acids Research</i> , 2003, 31, 105e-105.	6.5	92
110	Detection of PCR Products in Real Time Using Light-up Probes. <i>Analytical Biochemistry</i> , 2000, 287, 179-182.	1.1	79