

Ola SÅnderberg

List of Publications by Year in descending order

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times ranked

14610
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential impact of lipid raft depletion on platelet-derived growth factor (PDGF)-induced ERK1/2 MAP-kinase, SRC and AKT signaling. Cellular Signalling, 2022, 96, 110356.	3.6	6
2	<i>In Situ</i> Rolling Circle Amplification Förster Resonance Energy Transfer (RCA-FRET) for Washing-Free Real-Time Single-Protein Imaging. Analytical Chemistry, 2021, 93, 1842-1850.	6.5	20
3	Flash-comet: Significantly improved speed and sensitivity of the comet assay through the introduction of lithium-based solutions and a more gentle lysis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 858-860, 503240.	1.7	3
4	Optimization of proximity-dependent initiation of hybridization chain reaction for improved performance. Molecular Systems Design and Engineering, 2019, 4, 1058-1065.	3.4	6
5	Dynamin inhibitors impair platelet-derived growth factor β -receptor dimerization and signaling. Experimental Cell Research, 2019, 380, 69-79.	2.6	10
6	<i>In situ</i> quantification of individual mRNA transcripts in melanocytes discloses gene regulation of relevance to speciation. Journal of Experimental Biology, 2019, 222, .	1.7	7
7	Improved efficiency of in situ protein analysis by proximity ligation using UnFold probes. Scientific Reports, 2018, 8, 5400.	3.3	30
8	Flow Cytometric Measurement of Blood Cells with BCR-ABL1 Fusion Protein in Chronic Myeloid Leukemia. Scientific Reports, 2017, 7, 623.	3.3	13
9	Insufficient antibody validation challenges oestrogen receptor beta research. Nature Communications, 2017, 8, 15840.	12.8	170
10	Detection of Extracellular Vesicles Using Proximity Ligation Assay with Flow Cytometry Readout ExoPLA. Current Protocols in Cytometry, 2017, 81, 4.8.1-4.8.10.	3.7	4
11	Abstract 3614: Antibody validation revises estrogen receptor beta research. , 2017, , .		0
12	Let There Be Light!. Proteomes, 2016, 4, 36.	3.5	14
13	Single Chain Antibodies as Tools to Study transforming growth factor- β -Regulated SMAD Proteins in Proximity Ligation-Based Pharmacological Screens. Molecular and Cellular Proteomics, 2016, 15, 1848-1856.	3.8	10
14	Designing and Applying Proximity-Dependent Hybridization Chain Reaction. Current Protocols in Protein Science, 2016, 85, 19.28.1-19.28.13.	2.8	2
15	In Situ Proximity Ligation Assay (In Situ PLA) to Assess PTP-Protein Interactions. Methods in Molecular Biology, 2016, 1447, 217-242.	0.9	3
16	Detecting individual extracellular vesicles using a multicolor in situ proximity ligation assay with flow cytometric readout. Scientific Reports, 2016, 6, 34358.	3.3	52
17	Antagonists of IGF:Vitronectin Interactions Inhibit IGF- β -Induced Breast Cancer Cell Functions. Molecular Cancer Therapeutics, 2016, 15, 1602-1613.	4.1	5
18	The protein kinase LKB1 negatively regulates bone morphogenetic protein receptor signaling. Oncotarget, 2016, 7, 1120-1143.	1.8	17

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19	E-cadherin can limit the transforming properties of activating β -catenin mutations. <i>EMBO Journal</i> , 2015, 34, 2321-2333.	7.8	83
20	Functional loss of β 1 leads to NF- κ B deregulation in aggressive chronic lymphocytic leukemia. <i>Journal of Experimental Medicine</i> , 2015, 212, 833-843.	8.5	85
21	Detection of glyco-mucin profiles improves specificity of MUC16 and MUC1 biomarkers in ovarian serous tumours. <i>Molecular Oncology</i> , 2015, 9, 503-512.	4.6	50
22	Next-Generation Pathology – Surveillance of Tumor Microecology. <i>Journal of Molecular Biology</i> , 2015, 427, 2013-2022.	4.2	17
23	Proximity-dependent initiation of hybridization chain reaction. <i>Nature Communications</i> , 2015, 6, 7294.	12.8	88
24	Crosstalk between Hippo and TGF β 2: Subcellular Localization of YAP/TAZ/Smad Complexes. <i>Journal of Molecular Biology</i> , 2015, 427, 3407-3415.	4.2	119
25	Compaction of rolling circle amplification products increases signal integrity and signal-to-noise ratio. <i>Scientific Reports</i> , 2015, 5, 12317.	3.3	27
26	Closing in on life: proximity dependent methods for life sciences. <i>Oncotarget</i> , 2015, 6, 17867-17868.	1.8	2
27	Fine-Tuning of Smad Protein Function by Poly(ADP-Ribose) Polymerases and Poly(ADP-Ribose) Glycohydrolase during Transforming Growth Factor β 2 Signaling. <i>PLoS ONE</i> , 2014, 9, e103651.	2.5	19
28	Analysis of Protein Interactions in situ by Proximity Ligation Assays. <i>Current Topics in Microbiology and Immunology</i> , 2013, 377, 111-126.	1.1	75
29	E-cadherin functional role is dependent on E-cadherin cellular context: a proof of concept using the breast cancer model. <i>Journal of Pathology</i> , 2013, 229, 705-718.	4.5	68
30	The importance of E-cadherin binding partners to evaluate the pathogenicity of E-cadherin missense mutations associated to HDGC. <i>European Journal of Human Genetics</i> , 2013, 21, 301-309.	2.8	72
31	In situ detection of individual mRNA molecules and protein complexes or post-translational modifications using padlock probes combined with the in situ proximity ligation assay. <i>Nature Protocols</i> , 2013, 8, 355-372.	12.0	95
32	Protein tag-mediated conjugation of oligonucleotides to recombinant affinity binders for proximity ligation. <i>New Biotechnology</i> , 2013, 30, 144-152.	4.4	33
33	Parallel Visualization of Multiple Protein Complexes in Individual Cells in Tumor Tissue. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1563-1571.	3.8	49
34	Association of the Protein-Tyrosine Phosphatase DEP-1 with Its Substrate FLT3 Visualized by In Situ Proximity Ligation Assay. <i>PLoS ONE</i> , 2013, 8, e62871.	2.5	10
35	Intercellular Variation in Signaling through the TGF- β 2 Pathway and Its Relation to Cell Density and Cell Cycle Phase. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.013482-1-M111.013482-9.	3.8	24
36	Functional Overlap Between Chondroitin and Heparan Sulfate Proteoglycans During VEGF-Induced Sprouting Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1255-1263.	2.4	62

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37	Methods for analysis of the cancer microenvironment and their potential for disease prediction, monitoring and personalized treatments. EPMA Journal, 2012, 3, 7.	6.1	4
38	Transcriptional profiling of human glioblastoma vessels indicates a key role of VEGF α and TGF β 2 in vascular abnormalization. Journal of Pathology, 2012, 228, 378-390.	4.5	128
39	Identification of new cancer biomarkers based on aberrant mucin glycoforms by <i>in situ</i> proximity ligation. Journal of Cellular and Molecular Medicine, 2012, 16, 1474-1484.	3.6	67
40	Visualising individual sequence-specific protein-DNA interactions in situ. New Biotechnology, 2012, 29, 589-598.	4.4	30
41	Molecular tools for companion diagnostics. New Biotechnology, 2012, 29, 634-640.	4.4	19
42	In Situ Proximity Ligation Assay for Microscopy and Flow Cytometry. Current Protocols in Cytometry, 2011, 56, Unit 9.36.	3.7	51
43	Increasing the dynamic range of in situ PLA. Nature Methods, 2011, 8, 892-893.	19.0	47
44	ADP-Ribosylation Factor 6 Mediates E-Cadherin Recovery by Chemical Chaperones. PLoS ONE, 2011, 6, e23188.	2.5	21
45	Automated classification of multicolored rolling circle products in dual-channel wide-field fluorescence microscopy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 518-527.	1.5	4
46	Prognostic but not predictive role of platelet-derived growth factor receptors in patients with recurrent glioblastoma. International Journal of Cancer, 2011, 128, 1981-1988.	5.1	44
47	Western Blotting via Proximity Ligation for High Performance Protein Analysis. Molecular and Cellular Proteomics, 2011, 10, O111.011031.	3.8	21
48	Simultaneous Visualization of Both Signaling Cascade Activity and End-Point Gene Expression in Single Cells. PLoS ONE, 2011, 6, e20148.	2.5	13
49	VEGF receptor 2/3 heterodimers detected in situ by proximity ligation on angiogenic sprouts. EMBO Journal, 2010, 29, 1377-1388.	7.8	149
50	In situ detection and genotyping of individual mRNA molecules. Nature Methods, 2010, 7, 395-397.	19.0	359
51	Protein Diagnostics by Proximity Ligation. , 2010, , 299-306.		1
52	High Content Screening for Inhibitors of Protein Interactions and Post-translational Modifications in Primary Cells by Proximity Ligation. Molecular and Cellular Proteomics, 2010, 9, 178-183.	3.8	63
53	MUC2 mucin is a major carrier of the cancer-associated sialyl-Tn antigen in intestinal metaplasia and gastric carcinomas. Glycobiology, 2010, 20, 199-206.	2.5	93
54	WRAP53 Is Essential for Cajal Body Formation and for Targeting the Survival of Motor Neuron Complex to Cajal Bodies. PLoS Biology, 2010, 8, e1000521.	5.6	116

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55	Proximity ligation assays: a recent addition to the proteomics toolbox. <i>Expert Review of Proteomics</i> , 2010, 7, 401-409.	3.0	285
56	Functional interaction of DYX1C1 with estrogen receptors suggests involvement of hormonal pathways in dyslexia. <i>Human Molecular Genetics</i> , 2009, 18, 2802-2812.	2.9	56
57	Flow cytometric <i>in situ</i> proximity ligation analyses of protein interactions and post-translational modification of the epidermal growth factor receptor family. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 833-839.	1.5	64
58	Analysis of Genes, Transcripts, and Proteins via DNA Ligation. <i>Annual Review of Analytical Chemistry</i> , 2009, 2, 215-239.	5.4	31
59	Platelet-Derived Growth Factor Receptor Expression and Activation in Choroid Plexus Tumors. <i>American Journal of Pathology</i> , 2009, 175, 1631-1637.	3.8	40
60	Ligation-based molecular tools for lab-on-a-chip devices. <i>New Biotechnology</i> , 2008, 25, 42-48.	4.4	16
61	U2973, a novel B-cell line established from a patient with a mature B-cell leukemia displaying concurrent t(14;18) and MYC translocation to a non-IG gene partner. <i>European Journal of Haematology</i> , 2008, 81, 218-225.	2.2	6
62	Characterizing proteins and their interactions in cells and tissues using the <i>in situ</i> proximity ligation assay. <i>Methods</i> , 2008, 45, 227-232.	3.8	466
63	Novel and Highly Recurrent Chromosomal Alterations in Sezary Syndrome. <i>Cancer Research</i> , 2008, 68, 2689-2698.	0.9	176
64	Phosphorylation of inositol 1,4,5-trisphosphate receptors by protein kinase B/Akt inhibits Ca ²⁺ release and apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2427-2432.	7.1	238
65	A new perspective: molecular motifs on oxidized LDL, apoptotic cells, and bacteria are targets for chronic lymphocytic leukemia antibodies. <i>Blood</i> , 2008, 111, 3838-3848.	1.4	236
66	In Situ Detection of Phosphorylated Platelet-derived Growth Factor Receptor ^{Î²} Using a Generalized Proximity Ligation Method. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1500-1509.	3.8	197
67	Protein expression and cellular localization in two prognostic subgroups of diffuse large B-cell lymphoma: Higher expression of ZAP70 and PKC-Î² II in the non-germinal center group and poor survival in patients deficient in nuclear PTEN. <i>Leukemia and Lymphoma</i> , 2007, 48, 2221-2232.	1.3	52
68	Establishment of a cell line from a chemotherapy resistant diffuse large B-cell lymphoma. <i>Leukemia and Lymphoma</i> , 2007, 48, 1038-1041.	1.3	5
69	Proximity Ligation: A Specific and Versatile Tool for the Proteomic Era. , 2007, 28, 85-93.		52
70	Direct observation of individual endogenous protein complexes <i>in situ</i> by proximity ligation. <i>Nature Methods</i> , 2006, 3, 995-1000.	19.0	2,103
71	Proximity ligation assays for sensitive and specific protein analyses. <i>Analytical Biochemistry</i> , 2005, 345, 2-9.	2.4	106
72	c-Myc associates with ribosomal DNA and activates RNA polymerase I transcription. <i>Nature Cell Biology</i> , 2005, 7, 303-310.	10.3	421

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73	Thermoplastic Microfluidic Platform for Single-Molecule Detection, Cell Culture, and Actuation. <i>Analytical Chemistry</i> , 2005, 77, 7122-7130.	6.5	27
74	Molecular tools for a molecular medicine: analyzing genes, transcripts and proteins using padlock and proximity probes. <i>Journal of Molecular Recognition</i> , 2004, 17, 194-197.	2.1	35
75	Elevated levels of soluble CD44 are associated with advanced disease and in vitro proliferation of neoplastic lymphocytes in B-cell chronic lymphocytic leukaemia. <i>Leukemia Research</i> , 2004, 28, 1043-1051.	0.8	33
76	Differentiation-associated redox-regulation in human B cell lines from stem cell/pro-B to plasma cell. <i>Immunology Letters</i> , 2004, 94, 83-89.	2.5	13
77	VH3-21 Gene Usage in Chronic Lymphocytic Leukemia – Characterization of a New Subgroup with Distinct Molecular Features and Poor Survival. <i>Leukemia and Lymphoma</i> , 2004, 45, 221-228.	1.3	36
78	Subsets with restricted immunoglobulin gene rearrangement features indicate a role for antigen selection in the development of chronic lymphocytic leukemia. <i>Blood</i> , 2004, 104, 2879-2885.	1.4	241
79	Prospects for In Situ Analyses of Individual and Complexes of DNA, RNA, and Protein Molecules with Padlock and Proximity Probes. <i>Methods in Cell Biology</i> , 2004, 75, 787-797.	1.1	9
80	Padlock and Proximity Probes for In Situ and Array-Based Analyses: Tools for the Post-Genomic Era. <i>Comparative and Functional Genomics</i> , 2003, 4, 525-530.	2.0	16
81	The F-Box Protein Skp2 Participates in c-Myc Proteasomal Degradation and Acts as a Cofactor for c-Myc-Regulated Transcription. <i>Molecular Cell</i> , 2003, 11, 1189-1200.	9.7	441
82	Mutated VH genes and preferential VH3-21 use define new subsets of mantle cell lymphoma. <i>Blood</i> , 2003, 101, 4047-4054.	1.4	99
83	Chronic lymphocytic leukemias utilizing the VH3-21 gene display highly restricted V λ 2-14 gene use and homologous CDR3s: implicating recognition of a common antigen epitope. <i>Blood</i> , 2003, 101, 4952-4957.	1.4	280
84	Somatically mutated Ig VH3-21 genes characterize a new subset of chronic lymphocytic leukemia. <i>Blood</i> , 2002, 99, 2262-2264.	1.4	289
85	Polymorphism in the P2X7 receptor gene and survival in chronic lymphocytic leukaemia. <i>Lancet</i> , The, 2002, 360, 1935-1939.	13.7	88
86	Growth and survival of B-chronic lymphocytic leukaemia cells. <i>Medical Oncology</i> , 1998, 15, 73-78.	2.5	5
87	The effects on growth and survival of IL-6 can be dissociated in the U α 266 α 1970/U α 266 α 1984 and HL407E/HL407L human multiple myeloma cell lines. <i>British Journal of Haematology</i> , 1997, 98, 126-133.	2.5	16