Charlotte E Welinder

List of Publications by Year
in descending order

60	1,865	304368 22	276539 41
papers	citations	h-index	g-index

61	61	61	5437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coomassie Staining as Loading Control in Western Blot Analysis. Journal of Proteome Research, 2011, 10, 1416-1419.	1.8	410
2	Regulation of violaxanthin de-epoxidase activity by pH and ascorbate concentration. Photosynthesis Research, 1995, 45, 169-175.	1.6	146
3	Overexpression of podocalyxin-like protein is an independent factor of poor prognosis in colorectal cancer. British Journal of Cancer, 2011, 105, 666-672.	2.9	83
4	Metastasis Stimulation by Hypoxia and Acidosis-Induced Extracellular Lipid Uptake Is Mediated by Proteoglycan-Dependent Endocytosis. Cancer Research, 2016, 76, 4828-4840.	0.4	79
5	Ultrasensitive Immunoprofiling of Plasma Extracellular Vesicles Identifies Syndecan-1 as a Potential Tool for Minimally Invasive Diagnosis of Glioma. Clinical Cancer Research, 2019, 25, 3115-3127.	3.2	72
6	Developments in biobanking workflow standardization providing sample integrity and stability. Journal of Proteomics, 2013, 95, 38-45.	1.2	56
7	Purification and identification of the violaxanthin deepoxidase as a 43 kDa protein. Photosynthesis Research, 1996, 49, 119-129.	1.6	54
8	The role of quantitative mass spectrometry in the discovery of pancreatic cancer biomarkers for translational science. Journal of Translational Medicine, 2014, 12, 87.	1.8	54
9	Biobank resources for future patient care: developments, principles and concepts. Journal of Clinical Bioinformatics, 2011, 1, 24.	1.2	46
10	Standardization and Utilization of Biobank Resources in Clinical Protein Science with Examples of Emerging Applications. Journal of Proteome Research, 2012, 11, 5124-5134.	1.8	43
11	A new murine IgG1 anti-Tn monoclonal antibody with in vivo anti-tumor activity. Glycobiology, 2011, 21, 1097-1107.	1.3	41
12	Proteomic analyses identify prognostic biomarkers for pancreatic ductal adenocarcinoma. Oncotarget, 2018, 9, 9789-9807.	0.8	38
13	Primary Breast Cancer Tumours Contain High Amounts of IgA1 Immunoglobulin: An Immunohistochemical Analysis of a Possible Carrier of the Tumour-Associated Tn Antigen. PLoS ONE, 2013, 8, e61749.	1.1	36
14	Cytokeratin 20 improves the detection of circulating tumor cells in patients with colorectal cancer. Cancer Letters, 2015, 358, 43-46.	3.2	36
15	Clinical protein science in translational medicine targeting malignant melanoma. Cell Biology and Toxicology, 2019, 35, 293-332.	2.4	33
16	Differential Proteome Analysis of the Preeclamptic Placenta Using Optimized Protein Extraction. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-9.	3.0	32
17	Protein deep sequencing applied to biobank samples from patients with pancreatic cancer. Journal of Cancer Research and Clinical Oncology, 2015, 141, 369-380.	1.2	30
18	A new look at drugs targeting malignant melanomaâ€"An application for mass spectrometry imaging. Proteomics, 2014, 14, 1963-1970.	1.3	28

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19	Antiâ€tumor effects of PIM / PI 3K/ mTOR triple kinase inhibitor IBL â€302 in neuroblastoma. EMBO Molecular Medicine, 2019, 11, e10058.	3.3	27
20	A bacterial protease depletes c-MYC and increases survival in mouse models of bladder and colon cancer. Nature Biotechnology, 2021, 39, 754-764.	9.4	27
21	Correlation of histopathologic characteristics to protein expression and function in malignant melanoma. PLoS ONE, 2017, 12, e0176167.	1.1	27
22	Association of chromosome 19 to lung cancer genotypes and phenotypes. Cancer and Metastasis Reviews, 2015, 34, 217-226.	2.7	26
23	Global extracellular vesicle proteomic signature defines U87-MG glioma cell hypoxic status with potential implications for non-invasive diagnostics. Journal of Neuro-Oncology, 2019, 144, 477-488.	1.4	24
24	A novel method for downstream characterization of breast cancer circulating tumor cells following CellSearch isolation. Journal of Translational Medicine, 2015, 13, 126.	1.8	23
25	Drug compound characterization by mass spectrometry imaging in cancer tissue. Archives of Pharmacal Research, 2015, 38, 1718-1727.	2.7	22
26	Identification of prostate-specific antigen (PSA) isoforms in complex biological samples utilizing complementary platforms. Journal of Proteomics, 2010, 73, 1137-1147.	1.2	20
27	The Human Melanoma Proteome Atlasâ€"Complementing the melanoma transcriptome. Clinical and Translational Medicine, 2021, 11, e451.	1.7	20
28	Analysis of Alpha-Synuclein in Malignant Melanoma â€“ Development of a SRM Quantification Assay. PLoS ONE, 2014, 9, e110804.	1.1	20
29	A Protein Deep Sequencing Evaluation of Metastatic Melanoma Tissues. PLoS ONE, 2015, 10, e0123661.	1.1	19
30	Intra-tumour IgA1 is common in cancer and is correlated with poor prognosis in bladder cancer.. Heliyon, 2016, 2, e00143.	1.4	19
31	Experimental Models to Study Drug Distributions in Tissue Using MALDI Mass Spectrometry Imaging. Journal of Proteome Research, 2013, 12, 5626-5633.	1.8	17
32	Chromosome 19 Annotations with Disease Speciation: A First Report from the Global Research Consortium. Journal of Proteome Research, 2013, 12, 135-150.	1.8	16
33	The Hidden Story of Heterogeneous B-raf V600E Mutation Quantitative Protein Expression in Metastatic Melanomaâ€"Association with Clinical Outcome and Tumor Phenotypes. Cancers, 2019, 11, 1981.	1.7	16
34	Establishing a Southern Swedish Malignant Melanoma OMICS and biobank clinical capability. Clinical and Translational Medicine, 2013, 2, 7.	1.7	15
35	Epitope mapping of a new anti-Tn antibody detecting gastric cancer cells. Glycobiology, 2017, 27, 635-645.	1.3	15
36	The human melanoma proteome atlasâ€"Defining the molecular pathology. Clinical and Translational Medicine, 2021, 11, e473.	1.7	14

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37	The 28 kDa apoprotein of CP 26 in PS II binds copper. Photosynthesis Research, 1993, 37, 217-225.	1.6	13
38	Semiâ€automated biobank sample processing with a 384 high density sample tube robot used in cancer and cardiovascular studies. Clinical and Translational Medicine, 2015, 4, 67.	1.7	13
39	Improved survival prognostication of node-positive malignant melanoma patients utilizing shotgun proteomics guided by histopathological characterization and genomic data. Scientific Reports, 2019, 9, 5154.	1.6	12
40	Isolation of pigment-free bulk lipids from thylakoids. Lipids and Lipid Metabolism, 1993, 1165, 288-290.	2.6	11
41	Expression of Helix pomatia Lectin Binding Glycoproteins in Women with Breast Cancer in Relationship to Their Blood Group Phenotypes. Journal of Proteome Research, 2009, 8, 782-786.	1.8	11
42	Identification and Validation of VEGFR2 Kinase as a Target of Voacangine by a Systematic Combination of DARTS and MSI. Biomolecules, 2020, 10, 508.	1.8	11
43	Neutrophils Lose the Capacity to Suppress T Cell Proliferation Upon Migration Towards Inflamed Joints in Juvenile Idiopathic Arthritis. Frontiers in Immunology, 2021, 12, 795260.	2.2	10
44	Feasibility Study on Measuring Selected Proteins in Malignant Melanoma Tissue by SRM Quantification. Journal of Proteome Research, 2014, 13, 1315-1326.	1.8	9
45	Novel functional proteins coded by the human genome discovered in metastases of melanoma patients. Cell Biology and Toxicology, 2020, 36, 261-272.	2.4	9
46	The cGMP system in normal and degenerating mouse neuroretina: New proteins with cGMP interaction potential identified by a proteomics approach. Journal of Neurochemistry, 2020, 157, 2173-2186.	2.1	9
47	Knockout of the radical scavenger Î±1-microglobulin in mice results in defective bikunin synthesis, endoplasmic reticulum stress and increased body weight. Free Radical Biology and Medicine, 2021, 162, 160-170.	1.3	9
48	Identification of ubiquitin in bovine milk and its growth inhibitory effects on human cancer cell lines. Journal of Dairy Science, 2010, 93, 3442-3452.	1.4	8
49	A novel monoclonal antibody targeting carboxymethyllysine, an advanced glycation end product in atherosclerosis and pancreatic cancer. PLoS ONE, 2018, 13, e0191872.	1.1	8
50	Proteomic Investigation in Plasma from Women with Fibromyalgia in Response to a 15-wk Resistance Exercise Intervention. Medicine and Science in Sports and Exercise, 2022, 54, 232-246.	0.2	8
51	Landscape of surfaceome and endocytome in human glioma is divergent and depends on cellular spatial organization. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	8
52	A Combinatory Antibodyâ€“Antigen Microarray Assay for High-Content Screening of Single-Chain Fragment Variable Clones from Recombinant Libraries. PLoS ONE, 2016, 11, e0168761.	1.1	6
53	Accessing microenvironment compartments in formalin-fixed paraffin-embedded tissues by protein expression analysis. Bioanalysis, 2013, 5, 2647-2659.	0.6	4
54	Workflow for large-scale analysis of melanoma tissue samples. EuPA Open Proteomics, 2015, 8, 78-84.	2.5	4

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55	Analysis of protein expression in pure cell nuclei populations isolated from human breast cancer tissue by DNA flow cytometric sorting. Journal of Proteomics, 2010, 73, 1111-1116.	1.2	3
56	Anti- or pro-proliferation â€“ Conditional options for TGF-Î± and cetuximab in head and neck squamous cell carcinoma. Oral Oncology, 2015, 51, 46-52.	0.8	3
57	Standardization developments for large scale biobanks in smoking related diseases - a model system for blood sample processing and storage. Translational Respiratory Medicine, 2013, 1, 14.	3.8	1
58	The stereospecific interaction sites and target specificity of cGMP analogs in mouse cortex. Chemical Biology and Drug Design, 2021, , .	1.5	1
59	Partial Purification of the Violaxanthin de-Epoxidase. , 1995, , 3067-3070.		1
60	Preclinical evaluation of (111)In-DTPA-INCA-X anti-Ku70/Ku80 monoclonal antibody in prostate cancer. American Journal of Nuclear Medicine and Molecular Imaging, 2014, 4, 311-23.	1.0	0