

# Valerie C Wasinger

## List of Publications by Year in descending order

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71  
papers

4,951  
citations

172386

29  
h-index

110317

64  
g-index

73  
all docs

73  
docs citations

73  
times ranked

6699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress with gene-product mapping of the Mollicutes: <i>Mycoplasma genitalium</i> . <i>Electrophoresis</i> , 1995, 16, 1090-1094.	1.3	892
2	Overview of the HUPO Plasma Proteome Project: Results from the pilot phase with 35 collaborating laboratories and multiple analytical groups, generating a core dataset of 3020 proteins and a publicly-available database. <i>Proteomics</i> , 2005, 5, 3226-3245.	1.3	766
3	The dynamic range of protein expression: A challenge for proteomic research. <i>Electrophoresis</i> , 2000, 21, 1104-1115.	1.3	603
4	Characterization of the Role of the Rab GTPase-activating Protein AS160 in Insulin-regulated GLUT4 Trafficking. <i>Journal of Biological Chemistry</i> , 2005, 280, 37803-37813.	1.6	330
5	Impaired Intestinal Permeability Contributes to Ongoing Bowel Symptoms in Patients With Inflammatory Bowel Disease and Mucosal Healing. <i>Gastroenterology</i> , 2017, 153, 723-731.e1.	0.6	193
6	A Cortactin-CD2-associated Protein (CD2AP) Complex Provides a Novel Link between Epidermal Growth Factor Receptor Endocytosis and the Actin Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2003, 278, 21805-21813.	1.6	192
7	Current Status and Advances in Quantitative Proteomic Mass Spectrometry. <i>International Journal of Proteomics</i> , 2013, 2013, 1-12.	2.0	128
8	Depletion of the highly abundant protein albumin from human plasma using the Gradiflow. <i>Proteomics</i> , 2003, 3, 279-287.	1.3	100
9	Protein and peptide fractionation, enrichment and depletion: Tools for the complex proteome. <i>Proteomics</i> , 2011, 11, 513-534.	1.3	88
10	Proteomic Analysis of Urine to Identify Breast Cancer Biomarker Candidates Using a Label-Free LC-MS/MS Approach. <i>PLoS ONE</i> , 2015, 10, e0141876.	1.1	87
11	The proteome of <i>Mycoplasma genitalium</i> . <i>FEBS Journal</i> , 2000, 267, 1571-1582.	0.2	84
12	A functional annotation of subproteomes in human plasma. <i>Proteomics</i> , 2005, 5, 3506-3519.	1.3	82
13	Amyotrophic lateral sclerosis-like superoxide dismutase 1 proteinopathy is associated with neuronal loss in Parkinson's disease brain. <i>Acta Neuropathologica</i> , 2017, 134, 113-127.	3.9	78
14	Molecular Pathophysiology of Epithelial Barrier Dysfunction in Inflammatory Bowel Diseases. <i>Proteomes</i> , 2018, 6, 17.	1.7	77
15	Akt Mediates Insulin-stimulated Phosphorylation of Ndr2. <i>Journal of Biological Chemistry</i> , 2004, 279, 18623-18632.	1.6	76
16	Urinary biomarkers in prostate cancer detection and monitoring progression. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 118, 15-26.	2.0	64
17	Proteomic $\alpha$ -contigs <sup>TM</sup> of <i>Ochrobactrum anthropi</i> , application of extensive pH gradients. <i>Electrophoresis</i> , 1997, 18, 1373-1383.	1.3	59
18	Identification of protein biomarkers and signaling pathways associated with prostate cancer radioresistance using label-free LC-MS/MS proteomic approach. <i>Scientific Reports</i> , 2017, 7, 41834.	1.6	59

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19	Low molecular weight proteins: A challenge for post-genomic research. <i>Electrophoresis</i> , 1998, 19, 536-544.	1.3	58
20	Post-translational modification of proteins in tears. <i>Electrophoresis</i> , 2010, 31, 1853-1861.	1.3	49
21	Small genes/gene-products in <i>Escherichia coli</i> K-12. <i>FEMS Microbiology Letters</i> , 1998, 169, 375-382.	0.7	44
22	Tear Fluid Protein Biomarkers. <i>Advances in Clinical Chemistry</i> , 2013, 62, 151-196.	1.8	41
23	Evaluation of chemical cleaning of UF membranes fouled with whey protein isolates via analysis of residual protein components on membranes surface. <i>Separation and Purification Technology</i> , 2013, 103, 241-250.	3.9	39
24	Preliminary identification of differentially expressed tear proteins in keratoconus. <i>Molecular Vision</i> , 2013, 19, 2124-34.	1.1	39
25	A proteomic view of <i>Bifidobacterium infantis</i> generated by multi-dimensional chromatography coupled with tandem mass spectrometry. <i>Proteomics</i> , 2005, 5, 1859-1867.	1.3	37
26	Current application of proteomics in biomarker discovery for inflammatory bowel disease. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2016, 7, 27.	0.5	36
27	Proteomic tools for biomedicine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 771, 33-48.	1.2	33
28	Proteomics and metabolomics in inflammatory bowel disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 1076-1086.	1.4	32
29	Proteomics for Breast Cancer Urine Biomarkers. <i>Advances in Clinical Chemistry</i> , 2014, 63, 123-167.	1.8	30
30	Low Mass Blood Peptides Discriminative of Inflammatory Bowel Disease (IBD) Severity: A Quantitative Proteomic Perspective. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 256-265.	2.5	30
31	Activation of the eIF2 $\alpha$ /ATF4 axis drives triple-negative breast cancer radioresistance by promoting glutathione biosynthesis. <i>Redox Biology</i> , 2021, 43, 101993.	3.9	30
32	Two-dimensional liquid chromatography/tandem mass spectrometry analysis of Gradiflow $\alpha$ , $\beta$ fractionated native human plasma. <i>Proteomics</i> , 2005, 5, 3397-3401.	1.3	29
33	Profilin-1 Overexpression in MDA-MB-231 Breast Cancer Cells Is Associated with Alterations in Proteomics Biomarkers of Cell Proliferation, Survival, and Motility as Revealed by Global Proteomics Analyses. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 778-791.	1.0	29
34	Impact of Perturbed Pancreatic $\beta$ -Cell Cholesterol Homeostasis on Adipose Tissue and Skeletal Muscle Metabolism. <i>Diabetes</i> , 2016, 65, 3610-3620.	0.3	28
35	Studies on NADH oxidase and alkyl hydroperoxide reductase produced by <i>Porphyromonas gingivalis</i> . <i>Oral Microbiology and Immunology</i> , 2004, 19, 137-143.	2.8	27
36	Conserved Motifs as the Basis for Recognition of Homologous Proteins Across Species Boundaries Using Peptide-mass Fingerprinting. , 1997, 32, 370-378.		26

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37	Green fluorescent protein expression triggers proteome changes in breast cancer cells. <i>Experimental Cell Research</i> , 2014, 320, 33-45.	1.2	26
38	Analysis of the Preserved Amino Acid Bias in Peptide Profiles of Iron Age Teeth from a Tropical Environment Enable Sexing of Individuals Using Amelogenin MRM. <i>Proteomics</i> , 2019, 19, e1800341.	1.3	24
39	Proteomic identification of the lactate dehydrogenase A in a radioresistant prostate cancer xenograft mouse model for improving radiotherapy. <i>Oncotarget</i> , 2016, 7, 74269-74285.	0.8	24
40	Cross-species identification of proteins from proteome profiles of the marine oligotrophic ultramicrobacterium, <i>Sphingopyxis alaskensis</i> . <i>Proteomics</i> , 2004, 4, 1779-1788.	1.3	23
41	Peptide enrichment and protein fractionation using selective electrophoresis. <i>Proteomics</i> , 2008, 8, 4197-4208.	1.3	22
42	Proteome profiles of vaginal fluids from women affected by bacterial vaginosis and healthy controls: outcomes of rifaximin treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2648-2659.	1.3	19
43	Identification of plasma Complement C3 as a potential biomarker for neuroblastoma using a quantitative proteomic approach. <i>Journal of Proteomics</i> , 2014, 96, 1-12.	1.2	19
44	Tear lipocalin is the predominant phosphoprotein in human tear fluid. <i>Experimental Eye Research</i> , 2010, 90, 344-349.	1.2	18
45	Genetic and proteomic characterization of rifaximin resistance in <i>Bifidobacterium infantis</i> BI07. <i>Research in Microbiology</i> , 2007, 158, 355-362.	1.0	17
46	Cross-species characterisation of abundantly expressed <i>Ochrobactrum anthropi</i> gene products. <i>Electrophoresis</i> , 1999, 20, 2196-2203.	1.3	15
47	A Standardized and Reproducible Urine Preparation Protocol for Cancer Biomarkers Discovery. <i>Biomarkers in Cancer</i> , 2014, 6, BIC.S17991.	3.6	15
48	Glycosylation in a Mammalian Expression System Is Critical for the Production of Functionally Active Leukocyte Immunoglobulin-like Receptor A3 Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 32873-32885.	1.6	14
49	Serological Epithelial Component Proteins Identify Intestinal Complications in Crohn's Disease. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1244-1257.	2.5	13
50	Spp24 is associated with endocytic signalling, lipid metabolism, and discrimination of tissue integrity for "leaky-gut"™ in inflammatory bowel disease. <i>Scientific Reports</i> , 2020, 10, 12932.	1.6	13
51	Changes in Gene Expression Associated with Stable Drug and Radiation Resistance in Small Cell Lung Cancer Cells are Similar to those Caused by a Single X-Ray Dose. <i>Radiation Research</i> , 2004, 161, 495-503.	0.7	11
52	Proteomics: An Overview. <i>Inflammatory Bowel Diseases</i> , 2005, 11, 927-936.	0.9	11
53	CHTOP in Chemoresistant Epithelial Ovarian Cancer: A Novel and Potential Therapeutic Target. <i>Frontiers in Oncology</i> , 2019, 9, 557.	1.3	11
54	Absolute quantification of human tear lactoferrin using multiple reaction monitoring technique with stable-isotopic labeling. <i>Analytical Biochemistry</i> , 2016, 496, 30-34.	1.1	9

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55	Proteomics discovery of chemoresistant biomarkers for ovarian cancer therapy. <i>Expert Review of Proteomics</i> , 2016, 13, 905-915.	1.3	8
56	Prefractionation, Enrichment, Desalting and Depleting of Low Volume and Low Abundance Proteins and Peptides Using the MF10. <i>Methods in Molecular Biology</i> , 2008, 424, 257-275.	0.4	7
57	In vivolocalization of antibodies raised against <i>Eimeria maximawall</i> forming bodies during sexual intracellular development. <i>Parasitology</i> , 2014, 141, 1726-1735.	0.7	6
58	Proteomics in Inflammatory Bowel Disease: Approach Using Animal Models. <i>Digestive Diseases and Sciences</i> , 2017, 62, 2266-2276.	1.1	6
59	Current Trends in IBD – Development of Mucosal-Based Biomarkers and a Novel Minimally Invasive Recoverable Sampling System. <i>Inflammatory Bowel Diseases</i> , 2021, 27, S17-S24.	0.9	6
60	Overview of the HUPO Plasma Proteome Project: Results from the pilot phase with 35 collaborating laboratories and multiple analytical groups, generating a core dataset of 3020 proteins and a publicly-available database. , 2006, , 1-35.		4
61	Identification of Vascular Surface Proteins by in Vivo Biotinylation: A Method Sufficiently Sensitive To Detect Changes in Rat Liver 2 Weeks after Partial Hepatectomy. <i>Journal of Proteome Research</i> , 2007, 6, 3108-3113.	1.8	3
62	Mass and charge selective protein fractionation for the differential analysis of T-cell and CD34+ stem cell proteins from cord blood. <i>Journal of Proteomics</i> , 2010, 73, 571-578.	1.2	3
63	Reverse-Polynomial Dilution Calibration Methodology Extends Lower Limit of Quantification and Reduces Relative Residual Error in Targeted Peptide Measurements in Blood Plasma. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 441-454.	2.5	3
64	The Molecular Floodgates of Stress-Induced Senescence Reveal Translation, Signalling and Protein Activity Central to the Post-Mortem Proteome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6422.	1.8	3
65	Editorial: metabolomic biomarkers for colorectal adenocarcinoma and in the differentiation between irritable bowel syndrome and ulcerative colitis in clinical remission – confounded by the gut microbiome?. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 1086-1087.	1.9	2
66	Holistic Biology of Microorganisms: Genomics, Transcriptomics, and Proteomics. <i>Methods of Biochemical Analysis</i> , 2005, , 1-14.	0.2	1
67	A functional annotation of subproteomes in human plasma. , 2006, , 329-351.		0
68	Tryptophan Metabolome Signature Differences in Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2011, 140, S-840.	0.6	0
69	Proteomic Identification Of Factors That Regulate Mast Cell Localization To The Airway Smooth Muscle Cells In Asthma. , 2011, , .		0
70	Advances in Quantitative Mass Spectrometry. <i>International Journal of Proteomics</i> , 2013, 2013, 1-2.	2.0	0
71	Abstract 2001: Identification of lactate dehydrogenase A (LDHA) as a potential therapeutic target for prostate cancer radiotherapy. , 2015, , .		0