

# Ute Distler

## List of Publications by Year in descending order

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54  
papers

3,234  
citations

257357

24  
h-index

168321

53  
g-index

55  
all docs

55  
docs citations

55  
times ranked

5670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drift time-specific collision energies enable deep-coverage data-independent acquisition proteomics. <i>Nature Methods</i> , 2014, 11, 167-170.	9.0	411
2	Exosomes released by chronic lymphocytic leukemia cells induce the transition of stromal cells into cancer-associated fibroblasts. <i>Blood</i> , 2015, 126, 1106-1117.	0.6	399
3	A multicenter study benchmarks software tools for label-free proteome quantification. <i>Nature Biotechnology</i> , 2016, 34, 1130-1136.	9.4	321
4	Label-free quantification in ion mobility-enhanced data-independent acquisition proteomics. <i>Nature Protocols</i> , 2016, 11, 795-812.	5.5	258
5	Evaluation of FASP, SP3, and iST Protocols for Proteomic Sample Preparation in the Low Microgram Range. <i>Journal of Proteome Research</i> , 2017, 16, 4060-4072.	1.8	227
6	Quantitative profiling of the protein coronas that form around nanoparticles. <i>Nature Protocols</i> , 2014, 9, 2030-2044.	5.5	200
7	MaxDIA enables library-based and library-free data-independent acquisition proteomics. <i>Nature Biotechnology</i> , 2021, 39, 1563-1573.	9.4	115
8	In-depth protein profiling of the postsynaptic density from mouse hippocampus using data-independent acquisition proteomics. <i>Proteomics</i> , 2014, 14, 2607-2613.	1.3	103
9	IR-MALDI-MS Analysis of HPTLC-Separated Phospholipid Mixtures Directly from the TLC Plate. <i>Analytical Chemistry</i> , 2007, 79, 5793-5808.	3.2	88
10	Advances on the compositional analysis of glycosphingolipids combining thin-layer chromatography with mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2010, 29, 425-479.	2.8	74
11	Shiga Toxin Receptor Gb3Cer/CD77: Tumor-Association and Promising Therapeutic Target in Pancreas and Colon Cancer. <i>PLoS ONE</i> , 2009, 4, e6813.	1.1	70
12	Quantum Chemical-Based Protocol for the Rational Design of Covalent Inhibitors. <i>Journal of the American Chemical Society</i> , 2016, 138, 8332-8335.	6.6	69
13	Matching IR-MALDI-o-TOF Mass Spectrometry with the TLC Overlay Binding Assay and Its Clinical Application for Tracing Tumor-Associated Glycosphingolipids in Hepatocellular and Pancreatic Cancer. <i>Analytical Chemistry</i> , 2008, 80, 1835-1846.	3.2	67
14	In-depth evaluation of software tools for data-independent acquisition based label-free quantification. <i>Proteomics</i> , 2015, 15, 3140-3151.	1.3	66
15	Proteomic Analysis of Post-synaptic Density Fractions from Shank3 Mutant Mice Reveals Brain Region Specific Changes Relevant to Autism Spectrum Disorder. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 26.	1.4	66
16	Visualizing transfer of microbial biomolecules by outer membrane vesicles in microbe-host communication in vivo. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12159.	5.5	66
17	Direct Coupling of High-Performance Thin-Layer Chromatography with UV Spectroscopy and IR-MALDI Orthogonal TOF MS for the Analysis of Cyanobacterial Toxins. <i>Analytical Chemistry</i> , 2009, 81, 3858-3866.	3.2	47
18	Molecular cause and functional impact of altered synaptic lipid signaling due to a <i>prg1</i> gene <i>SNP</i> . <i>EMBO Molecular Medicine</i> , 2016, 8, 25-38.	3.3	40

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19	Mast Cell-deficient <i>KitW-sh</i> Sash-Mutant Mice Display Aberrant Myelopoiesis Leading to the Accumulation of Splenocytes That Act as Myeloid-Derived Suppressor Cells. <i>Journal of Immunology</i> , 2013, 190, 5534-5544.	0.4	36
20	Synaptic phospholipids as a new target for cortical hyperexcitability and E/I balance in psychiatric disorders. <i>Molecular Psychiatry</i> , 2018, 23, 1699-1710.	4.1	33
21	Differences in CD75s- and iso-CD75s-ganglioside content and altered mRNA expression of sialyltransferases ST6GAL1 and ST3GAL6 in human hepatocellular carcinomas and nontumoral liver tissues. <i>Glycobiology</i> , 2011, 21, 584-594.	1.3	30
22	Biomedical applications of ion mobility-enhanced data-independent acquisition-based label-free quantitative proteomics. <i>Expert Review of Proteomics</i> , 2014, 11, 675-684.	1.3	29
23	Tumor-associated CD75s- and iso-CD75s-gangliosides are potential targets for adjuvant therapy in pancreatic cancer. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2464-2475.	1.9	28
24	CMTM6 expressed on the adaxonal Schwann cell surface restricts axonal diameters in peripheral nerves. <i>Nature Communications</i> , 2020, 11, 4514.	5.8	27
25	Rapid Antigen Processing and Presentation of a Protective and Immunodominant HLA-B*27-restricted Hepatitis C Virus-specific CD8+ T-cell Epitope. <i>PLoS Pathogens</i> , 2012, 8, e1003042.	2.1	25
26	Asymmetric Disulfanylbenzamides as Irreversible and Selective Inhibitors of <i>Staphylococcus aureus</i> Sortase A. <i>ChemMedChem</i> , 2020, 15, 839-850.	1.6	24
27	Purification and Properties of Yeast Proteases Secreted by <i>Wickerhamomyces anomalus</i> 227 and <i>Metschnikovia pulcherrima</i> 446 during Growth in a White Grape Juice. <i>Fermentation</i> , 2017, 3, 2.	1.4	23
28	Enhancing Sensitivity of Microflow-Based Bottom-Up Proteomics through Postcolumn Solvent Addition. <i>Analytical Chemistry</i> , 2019, 91, 7510-7515.	3.2	22
29	Application of thin-layer chromatography/infrared matrix-assisted laser desorption/ionization orthogonal time-of-flight mass spectrometry to structural analysis of bacteria-binding glycosphingolipids selected by affinity detection. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1032-1038.	0.7	21
30	Fungicide resistance towards fludioxonil conferred by overexpression of the phosphatase gene Mo PTP 2 in <i>Magnaporthe oryzae</i> . <i>Molecular Microbiology</i> , 2018, 111, 662-677.	1.2	21
31	Proteomic Analysis of Brain Region and Sex-Specific Synaptic Protein Expression in the Adult Mouse Brain. <i>Cells</i> , 2020, 9, 313.	1.8	20
32	Fluorovinylsulfones and -Sulfonates as Potent Covalent Reversible Inhibitors of the Trypanosomal Cysteine Protease Rhodesain: Structure-Activity Relationship, Inhibition Mechanism, Metabolism, and In Vivo Studies. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12322-12358.	2.9	20
33	Naphthoquinones as Covalent Reversible Inhibitors of Cysteine Proteases—Studies on Inhibition Mechanism and Kinetics. <i>Molecules</i> , 2020, 25, 2064.	1.7	20
34	Proteogenomics analysis unveils a TFG-RET gene fusion and druggable targets in papillary thyroid carcinomas. <i>Nature Communications</i> , 2020, 11, 2056.	5.8	19
35	New Cysteine Protease Inhibitors: Electrophilic (Het)arenes and Unexpected Prodrug Identification for the Trypanosoma Protease Rhodesain. <i>Molecules</i> , 2020, 25, 1451.	1.7	16
36	OpenTIMS, TimsPy, and TimsR: Open and Easy Access to timsTOF Raw Data. <i>Journal of Proteome Research</i> , 2021, 20, 2122-2129.	1.8	15

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37	Transmembrane BAX Inhibitor-1 Motif Containing Protein 5 (TM6IM5) Sustains Mitochondrial Structure, Shape, and Function by Impacting the Mitochondrial Protein Synthesis Machinery. <i>Cells</i> , 2020, 9, 2147.	1.8	14
38	Hybrid QconCAT-Based Targeted Absolute and Data-Independent Acquisition-Based Label-Free Quantification Enables In-Depth Proteomic Characterization of Wheat Amylase/Trypsin Inhibitor Extracts. <i>Journal of Proteome Research</i> , 2021, 20, 1544-1557.	1.8	13
39	NF- $\kappa$ B inducing kinase (NIK) is an essential post-transcriptional regulator of T-cell activation affecting F-actin dynamics and TCR signaling. <i>Journal of Autoimmunity</i> , 2018, 94, 110-121.	3.0	12
40	Tools for Pathogen Proteomics: Fishing with Biomimetic Nanosponges. <i>ACS Nano</i> , 2017, 11, 11768-11772.	7.3	10
41	Proteomic profiling of German Dornfelder grape berries using data-independent acquisition. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 64-70.	2.8	9
42	Structural and mechanistic insights into the interaction of the circadian transcription factor BMAL1 with the KIX domain of the CREB-binding protein. <i>Journal of Biological Chemistry</i> , 2019, 294, 16604-16619.	1.6	9
43	Plasmodium falciparum S-Adenosylmethionine Synthetase Is Essential for Parasite Survival through a Complex Interaction Network with Cytoplasmic and Nuclear Proteins. <i>Microorganisms</i> , 2022, 10, 1419.	1.6	9
44	REGGAE: a novel approach for the identification of key transcriptional regulators. <i>Bioinformatics</i> , 2018, 34, 3503-3510.	1.8	8
45	Chronic intestinal inflammation in mice expressing viral Flip in epithelial cells. <i>Mucosal Immunology</i> , 2018, 11, 1621-1629.	2.7	8
46	The role of TCF3 as potential master regulator in blastemal Wilms tumors. <i>International Journal of Cancer</i> , 2019, 144, 1432-1443.	2.3	4
47	Label-Free Proteomics of Quantity-Limited Samples Using Ion Mobility-Assisted Data-Independent Acquisition Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2021, 2228, 327-339.	0.4	4
48	Adaptive Mechanisms of Somatostatin-Positive Interneurons after Traumatic Brain Injury through a Switch of $\alpha$ Subunits in L-Type Voltage-Gated Calcium Channels. <i>Cerebral Cortex</i> , 2022, 32, 1093-1109.	1.6	4
49	The caspase-2 substrate p54nrb exhibits a multifaceted role in tumor cell death susceptibility via gene regulatory functions. <i>Cell Death and Disease</i> , 2022, 13, 386.	2.7	4
50	Quantitative proteomics analysis reveals core and variable tick salivary proteins at the tick-vertebrate host interface. <i>Molecular Ecology</i> , 2022, 31, 4162-4175.	2.0	4
51	Friend virus limits adaptive cellular immune responses by imprinting a maturation-resistant and T helper type 2-biased immunophenotype in dendritic cells. <i>PLoS ONE</i> , 2018, 13, e0192541.	1.1	3
52	Astrocytic ATX fuels synaptic phospholipid signaling involved in psychiatric disorders. <i>Molecular Psychiatry</i> , 2018, 23, 1685-1686.	4.1	1
53	GABAA Receptor-Stabilizing Protein Ubqln1 Affects Hyperexcitability and Epileptogenesis after Traumatic Brain Injury and in a Model of In Vitro Epilepsy in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3902.	1.8	1
54	Gamma Irradiation Triggers Immune Escape in Glioma-Propagating Cells. <i>Cancers</i> , 2022, 14, 2728.	1.7	1