Ute Distler

List of Publications by Year
in descending order

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54	3,234	257450	168389
papers	citations	24	53
		h-index	g-index

55	55	55	5670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adaptive Mechanisms of Somatostatin-Positive Interneurons after Traumatic Brain Injury through a Switch of Î± Subunits in L-Type Voltage-Gated Calcium Channels. Cerebral Cortex, 2022, 32, 1093-1109.	2.9	4
2	GABAA Receptor-Stabilizing Protein Ubqln1 Affects Hyperexcitability and Epileptogenesis after Traumatic Brain Injury and in a Model of In Vitro Epilepsy in Mice. International Journal of Molecular Sciences, 2022, 23, 3902.	4.1	1
3	The caspase-2 substrate p54nrb exhibits a multifaceted role in tumor cell death susceptibility via gene regulatory functions. Cell Death and Disease, 2022, 13, 386.	6.3	4
4	Gamma Irradiation Triggers Immune Escape in Glioma-Propagating Cells. Cancers, 2022, 14, 2728.	3.7	1
5	Quantitative proteomics analysis reveals core and variable tick salivary proteins at the tickâ€vertebrate host interface. Molecular Ecology, 2022, 31, 4162-4175.	3.9	4
6	Plasmodium falciparum S-Adenosylmethionine Synthetase Is Essential for Parasite Survival through a Complex Interaction Network with Cytoplasmic and Nuclear Proteins. Microorganisms, 2022, 10, 1419.	3.6	9
7	Label-Free Proteomics of Quantity-Limited Samples Using Ion Mobility-Assisted Data-Independent Acquisition Mass Spectrometry. Methods in Molecular Biology, 2021, 2228, 327-339.	0.9	4
8	OpenTIMS, TimsPy, and TimsR: Open and Easy Access to timsTOF Raw Data. Journal of Proteome Research, 2021, 20, 2122-2129.	3.7	15
9	MaxDIA enables library-based and library-free data-independent acquisition proteomics. Nature Biotechnology, 2021, 39, 1563-1573.	17.5	115
10	Fluorovinylsulfones and -Sulfonates as Potent Covalent Reversible Inhibitors of the Trypanosomal Cysteine Protease Rhodesain: Structureâ€“Activity Relationship, Inhibition Mechanism, Metabolism, and In Vivo Studies. Journal of Medicinal Chemistry, 2021, 64, 12322-12358.	6.4	20
11	Hybrid QconCAT-Based Targeted Absolute and Data-Independent Acquisition-Based Label-Free Quantification Enables In-Depth Proteomic Characterization of Wheat Amylase/Trypsin Inhibitor Extracts. Journal of Proteome Research, 2021, 20, 1544-1557.	3.7	13
12	Visualizing transfer of microbial biomolecules by outer membrane vesicles in microbeâ€hostâ€communication in vivo. Journal of Extracellular Vesicles, 2021, 10, e12159.	12.2	66
13	Transmembrane BAX Inhibitor-1 Motif Containing Protein 5 (TMBIM5) Sustains Mitochondrial Structure, Shape, and Function by Impacting the Mitochondrial Protein Synthesis Machinery. Cells, 2020, 9, 2147.	4.1	14
14	CMTM6 expressed on the adaxonal Schwann cell surface restricts axonal diameters in peripheral nerves. Nature Communications, 2020, 11, 4514.	12.8	27
15	Asymmetric Disulfanylbenzamides as Irreversible and Selective Inhibitors of Staphylococcus aureus Sortase A. ChemMedChem, 2020, 15, 839-850.	3.2	24
16	Proteomic Analysis of Brain Region and Sex-Specific Synaptic Protein Expression in the Adult Mouse Brain. Cells, 2020, 9, 313.	4.1	20
17	Proteogenomics analysis unveils a TFG-RET gene fusion and druggable targets in papillary thyroid carcinomas. Nature Communications, 2020, 11, 2056.	12.8	19
18	New Cysteine Protease Inhibitors: Electrophilic (Het)arenes and Unexpected Prodrug Identification for the Trypanosoma Protease Rhodesain. Molecules, 2020, 25, 1451.	3.8	16

#	Article	IF	Citations
19	Naphthoquinones as Covalent Reversible Inhibitors of Cysteine Proteasesâ€"Studies on Inhibition Mechanism and Kinetics. Molecules, 2020, 25, 2064.	3.8	20
20	Structural and mechanistic insights into the interaction of the circadian transcription factor BMAL1 with the KIX domain of the CREB-binding protein. Journal of Biological Chemistry, 2019, 294, 16604-16619.	3.4	9
21	Enhancing Sensitivity of Microflow-Based Bottom-Up Proteomics through Postcolumn Solvent Addition. Analytical Chemistry, 2019, 91, 7510-7515.	6.5	22
22	The role of TCF3 as potential master regulator in blastemal Wilms tumors. International Journal of Cancer, 2019, 144, 1432-1443.	5.1	4
23	Fungicide resistance towards fludioxonil conferred by overexpression of the phosphatase gene Mo PTP 2 in Magnaporthe oryzae. Molecular Microbiology, 2018, 111, 662-677.	2.5	21
24	Astrocytic ATX fuels synaptic phospholipid signaling involved in psychiatric disorders. Molecular Psychiatry, 2018, 23, 1685-1686.	7.9	1
25	NF-ÎºB inducing kinase (NIK) is an essential post-transcriptional regulator of T-cell activation affecting F-actin dynamics and TCR signaling. Journal of Autoimmunity, 2018, 94, 110-121.	6.5	12
26	Synaptic phospholipids as a new target for cortical hyperexcitability and E/I balance in psychiatric disorders. Molecular Psychiatry, 2018, 23, 1699-1710.	7.9	33
27	REGGAE: a novel approach for the identification of key transcriptional regulators. Bioinformatics, 2018, 34, 3503-3510.	4.1	8
28	Chronic intestinal inflammation in mice expressing viral Flip in epithelial cells. Mucosal Immunology, 2018, 11, 1621-1629.	6.0	8
29	Friend virus limits adaptive cellular immune responses by imprinting a maturation-resistant and T helper type 2-biased immunophenotype in dendritic cells. PLoS ONE, 2018, 13, e0192541.	2.5	3
30	Proteomic profiling of German Dornfelder grape berries using data-independent acquisition. Plant Physiology and Biochemistry, 2017, 118, 64-70.	5.8	9
31	Evaluation of FASP, SP3, and iST Protocols for Proteomic Sample Preparation in the Low Microgram Range. Journal of Proteome Research, 2017, 16, 4060-4072.	3.7	227
32	Tools for Pathogen Proteomics: Fishing with Biomimetic Nanosponges. ACS Nano, 2017, 11, 11768-11772.	14.6	10
33	Proteomic Analysis of Post-synaptic Density Fractions from Shank3 Mutant Mice Reveals Brain Region Specific Changes Relevant to Autism Spectrum Disorder. Frontiers in Molecular Neuroscience, 2017, 10, 26.	2.9	66
34	Purification and Properties of Yeast Proteases Secreted by Wickerhamomyces anomalus 227 and Metschnikovia pulcherrima 446 during Growth in a White Grape Juice. Fermentation, 2017, 3, 2.	3.0	23
35	A multicenter study benchmarks software tools for label-free proteome quantification. Nature Biotechnology, 2016, 34, 1130-1136.	17.5	321
36	Molecular cause and functional impact of altered synaptic lipid signaling due to a prgâ€1 gene <scp>SNP</scp>. EMBO Molecular Medicine, 2016, 8, 25-38.	6.9	40

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37	Quantum Chemical-Based Protocol for the Rational Design of Covalent Inhibitors. Journal of the American Chemical Society, 2016, 138, 8332-8335.	13.7	69
38	Label-free quantification in ion mobilityâ€“enhanced data-independent acquisition proteomics. Nature Protocols, 2016, 11, 795-812.	12.0	258
39	Exosomes released by chronic lymphocytic leukemia cells induce the transition of stromal cells into cancer-associated fibroblasts. Blood, 2015, 126, 1106-1117.	1.4	399
40	Inâ€depth evaluation of software tools for dataâ€independent acquisition based labelâ€free quantification. Proteomics, 2015, 15, 3140-3151.	2.2	66
41	Biomedical applications of ion mobility-enhanced data-independent acquisition-based label-free quantitative proteomics. Expert Review of Proteomics, 2014, 11, 675-684.	3.0	29
42	Inâ€depth protein profiling of the postsynaptic density from mouse hippocampus using dataâ€independent acquisition proteomics. Proteomics, 2014, 14, 2607-2613.	2.2	103
43	Quantitative profiling of the protein coronas that form around nanoparticles. Nature Protocols, 2014, 9, 2030-2044.	12.0	200
44	Drift time-specific collision energies enable deep-coverage data-independent acquisition proteomics. Nature Methods, 2014, 11, 167-170.	19.0	411
45	Mast Cellâ€“deficient KitW-sh â€œSashâ€•Mutant Mice Display Aberrant Myelopoiesis Leading to the Accumulation of Splenocytes That Act as Myeloid-Derived Suppressor Cells. Journal of Immunology, 2013, 190, 5534-5544.	0.8	36
46	Rapid Antigen Processing and Presentation of a Protective and Immunodominant HLA-B*27-restricted Hepatitis C Virus-specific CD8+ T-cell Epitope. PLoS Pathogens, 2012, 8, e1003042.	4.7	25
47	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. Glycobiology, 2011, 21, 584-594.	2.5	30
48	Advances on the compositional analysis of glycosphingolipids combining thin-layer chromatography with mass spectrometry. Mass Spectrometry Reviews, 2010, 29, 425-479.	5.4	74
49	Application of thinâ€layer chromatography/infrared matrixâ€assisted laser desorption/ionization orthogonal timeâ€ofâ€flight mass spectrometry to structural analysis of bacteriaâ€binding glycosphingolipids selected by affinity detection. Rapid Communications in Mass Spectrometry, 2010, 24, 1032-1038.	1.5	21
50	Direct Coupling of High-Performance Thin-Layer Chromatography with UV Spectroscopy and IR-MALDI Orthogonal TOF MS for the Analysis of Cyanobacterial Toxins. Analytical Chemistry, 2009, 81, 3858-3866.	6.5	47
51	Shiga Toxin Receptor Gb3Cer/CD77: Tumor-Association and Promising Therapeutic Target in Pancreas and Colon Cancer. PLoS ONE, 2009, 4, e6813.	2.5	70
52	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. Analytical Chemistry, 2008, 80, 1835-1846.	6.5	67
53	Tumor-associated CD75s- and iso-CD75s-gangliosides are potential targets for adjuvant therapy in pancreatic cancer. Molecular Cancer Therapeutics, 2008, 7, 2464-2475.	4.1	28
54	IR-MALDI-MS Analysis of HPTLC-Separated Phospholipid Mixtures Directly from the TLC Plate. Analytical Chemistry, 2007, 79, 5793-5808.	6.5	88