

Ute Distler

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,234
citations

257450

24
h-index

168389

53
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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. | 19.0 | 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. | 1.4 | 399 |
| 3 | A multicenter study benchmarks software tools for label-free proteome quantification. <i>Nature Biotechnology</i> , 2016, 34, 1130-1136. | 17.5 | 321 |
| 4 | Label-free quantification in ion mobility-enhanced data-independent acquisition proteomics. <i>Nature Protocols</i> , 2016, 11, 795-812. | 12.0 | 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. | 3.7 | 227 |
| 6 | Quantitative profiling of the protein coronas that form around nanoparticles. <i>Nature Protocols</i> , 2014, 9, 2030-2044. | 12.0 | 200 |
| 7 | MaxDIA enables library-based and library-free data-independent acquisition proteomics. <i>Nature Biotechnology</i> , 2021, 39, 1563-1573. | 17.5 | 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. | 2.2 | 103 |
| 9 | IR-MALDI-MS Analysis of HPTLC-Separated Phospholipid Mixtures Directly from the TLC Plate. <i>Analytical Chemistry</i> , 2007, 79, 5793-5808. | 6.5 | 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. | 5.4 | 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. | 2.5 | 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. | 13.7 | 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. | 6.5 | 67 |
| 14 | In-depth evaluation of software tools for data-independent acquisition based label-free quantification. <i>Proteomics</i> , 2015, 15, 3140-3151. | 2.2 | 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. | 2.9 | 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. | 12.2 | 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. | 6.5 | 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. | 6.9 | 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. | 0.8 | 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. | 7.9 | 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. | 2.5 | 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. | 3.0 | 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. | 4.1 | 28 |
| 24 | CMTM6 expressed on the adaxonal Schwann cell surface restricts axonal diameters in peripheral nerves. <i>Nature Communications</i> , 2020, 11, 4514. | 12.8 | 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. | 4.7 | 25 |
| 26 | Asymmetric Disulfanylbenzamides as Irreversible and Selective Inhibitors of <i>Staphylococcus aureus</i> Sortase A. <i>ChemMedChem</i> , 2020, 15, 839-850. | 3.2 | 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. | 3.0 | 23 |
| 28 | Enhancing Sensitivity of Microflow-Based Bottom-Up Proteomics through Postcolumn Solvent Addition. <i>Analytical Chemistry</i> , 2019, 91, 7510-7515. | 6.5 | 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. | 1.5 | 21 |
| 30 | Fungicide resistance towards fludioxonil conferred by overexpression of the phosphatase gene <i>Mo PTP 2</i> in <i>Magnaporthe oryzae</i> . <i>Molecular Microbiology</i> , 2018, 111, 662-677. | 2.5 | 21 |
| 31 | Proteomic Analysis of Brain Region and Sex-Specific Synaptic Protein Expression in the Adult Mouse Brain. <i>Cells</i> , 2020, 9, 313. | 4.1 | 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. | 6.4 | 20 |
| 33 | Naphthoquinones as Covalent Reversible Inhibitors of Cysteine Proteases—Studies on Inhibition Mechanism and Kinetics. <i>Molecules</i> , 2020, 25, 2064. | 3.8 | 20 |
| 34 | Proteogenomics analysis unveils a TFG-RET gene fusion and druggable targets in papillary thyroid carcinomas. <i>Nature Communications</i> , 2020, 11, 2056. | 12.8 | 19 |
| 35 | New Cysteine Protease Inhibitors: Electrophilic (Het)arenes and Unexpected Prodrug Identification for the Trypanosoma Protease Rhodesain. <i>Molecules</i> , 2020, 25, 1451. | 3.8 | 16 |
| 36 | OpenTIMS, TimsPy, and TimsR: Open and Easy Access to timsTOF Raw Data. <i>Journal of Proteome Research</i> , 2021, 20, 2122-2129. | 3.7 | 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. | 4.1 | 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. | 3.7 | 13 |
| 39 | NF- κ 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. | 6.5 | 12 |
| 40 | Tools for Pathogen Proteomics: Fishing with Biomimetic Nanosponges. <i>ACS Nano</i> , 2017, 11, 11768-11772. | 14.6 | 10 |
| 41 | Proteomic profiling of German Dornfelder grape berries using data-independent acquisition. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 64-70. | 5.8 | 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. | 3.4 | 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. | 3.6 | 9 |
| 44 | REGGAE: a novel approach for the identification of key transcriptional regulators. <i>Bioinformatics</i> , 2018, 34, 3503-3510. | 4.1 | 8 |
| 45 | Chronic intestinal inflammation in mice expressing viral Flip in epithelial cells. <i>Mucosal Immunology</i> , 2018, 11, 1621-1629. | 6.0 | 8 |
| 46 | The role of TCF3 as potential master regulator in blastemal Wilms tumors. <i>International Journal of Cancer</i> , 2019, 144, 1432-1443. | 5.1 | 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. | 0.9 | 4 |
| 48 | Adaptive Mechanisms of Somatostatin-Positive Interneurons after Traumatic Brain Injury through a Switch of α Subunits in L-Type Voltage-Gated Calcium Channels. <i>Cerebral Cortex</i> , 2022, 32, 1093-1109. | 2.9 | 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. | 6.3 | 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. | 3.9 | 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. | 2.5 | 3 |
| 52 | Astrocytic ATX fuels synaptic phospholipid signaling involved in psychiatric disorders. <i>Molecular Psychiatry</i> , 2018, 23, 1685-1686. | 7.9 | 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. | 4.1 | 1 |
| 54 | Gamma Irradiation Triggers Immune Escape in Glioma-Propagating Cells. <i>Cancers</i> , 2022, 14, 2728. | 3.7 | 1 |