

# Christine von Toerne

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4374406/publications.pdf>

Version: 2024-02-01

52  
papers

2,049  
citations

236612

25  
h-index

253896

43  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3772  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Proteome of Native Adult Müller Glial Cells From Murine Retina. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 462-480.	2.5	136
2	Direct comparison of MS-based label-free and SILAC quantitative proteome profiling strategies in primary retinal Müller cells. <i>Proteomics</i> , 2012, 12, 1902-1911.	1.3	114
3	LST1 promotes the assembly of a molecular machinery responsible for tunneling nanotube formation. <i>Journal of Cell Science</i> , 2013, 126, 767-77.	1.2	103
4	Restless Legs Syndrome-associated intronic common variant in <i>Meis1</i> alters enhancer function in the developing telencephalon. <i>Genome Research</i> , 2014, 24, 592-603.	2.4	102
5	Multiplatform Approach for Plasma Proteomics: Complementarity of Olink Proximity Extension Assay Technology to Mass Spectrometry-Based Protein Profiling. <i>Journal of Proteome Research</i> , 2021, 20, 751-762.	1.8	100
6	The cognitive defects of neonatally irradiated mice are accompanied by changed synaptic plasticity, adult neurogenesis and neuroinflammation. <i>Molecular Neurodegeneration</i> , 2014, 9, 57.	4.4	95
7	Common ragweed ( <i>Ambrosia artemisiifolia</i> L.): allergenicity and molecular characterization of pollen after plant exposure to elevated NO <sub>2</sub> . <i>Plant, Cell and Environment</i> , 2016, 39, 147-164.	2.8	88
8	Wnt Pathway Regulation in Chronic Renal Allograft Damage. <i>American Journal of Transplantation</i> , 2009, 9, 2223-2239.	2.6	80
9	Efficient Isolation of Pure and Functional Mitochondria from Mouse Tissues Using Automated Tissue Disruption and Enrichment with Anti-TOM22 Magnetic Beads. <i>PLoS ONE</i> , 2013, 8, e82392.	1.1	74
10	Proteomic profiling of epileptogenesis in a rat model: Focus on inflammation. <i>Brain, Behavior, and Immunity</i> , 2016, 53, 138-158.	2.0	70
11	JNK MAPK Pathway Regulates Constitutive Transcription of CCL5 by Human NK Cells through SP1. <i>Journal of Immunology</i> , 2009, 182, 1011-1020.	0.4	68
12	Identification of nuclear target proteins for S-nitrosylation in pathogen-treated <i>Arabidopsis thaliana</i> cell cultures. <i>Plant Science</i> , 2015, 238, 115-126.	1.7	60
13	MASP1, THBS1, GPLD1 and ApoA-IV are novel biomarkers associated with prediabetes: the KORA F4 study. <i>Diabetologia</i> , 2016, 59, 1882-1892.	2.9	54
14	Mitochondrial adaptation in steatotic mice. <i>Mitochondrion</i> , 2018, 40, 1-12.	1.6	54
15	A High-Calorie Diet Aggravates Mitochondrial Dysfunction and Triggers Severe Liver Damage in Wilson Disease Rats. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 571-596.	2.3	50
16	S-nitrosylation/denitrosylation as a regulatory mechanism of salt stress sensing in sunflower seedlings. <i>Physiologia Plantarum</i> , 2018, 162, 49-72.	2.6	49
17	Low-Dose Ionizing Radiation Rapidly Affects Mitochondrial and Synaptic Signaling Pathways in Murine Hippocampus and Cortex. <i>Journal of Proteome Research</i> , 2015, 14, 2055-2064.	1.8	45
18	Age-related effects of X-ray irradiation on mouse hippocampus. <i>Oncotarget</i> , 2016, 7, 28040-28058.	0.8	44

#	ARTICLE	IF	CITATIONS
19	Ionising Radiation Immediately Impairs Synaptic Plasticity-Associated Cytoskeletal Signalling Pathways in HT22 Cells and in Mouse Brain: An In Vitro/In Vivo Comparison Study. <i>PLoS ONE</i> , 2014, 9, e110464.	1.1	43
20	A Combined Omics Approach to Generate the Surface Atlas of Human Naive CD4+ T Cells during Early T-Cell Receptor Activation. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2085-2102.	2.5	40
21	Protein markers and risk of type 2 diabetes and prediabetes: a targeted proteomics approach in the KORA F4/FF4 study. <i>European Journal of Epidemiology</i> , 2019, 34, 409-422.	2.5	37
22	Deciphering the Plasma Proteome of Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 2766-2778.	0.3	34
23	ApoE, Mbl2, and Psp Plasma Protein Levels Correlate with Diabetic Phenotype in NZO Mice—An Optimized Rapid Workflow for SRM-Based Quantification. <i>Journal of Proteome Research</i> , 2013, 12, 1331-1343.	1.8	33
24	Proteomic Landscape of Patient-Derived CD4+ T Cells in Recent-Onset Type 1 Diabetes. <i>Journal of Proteome Research</i> , 2018, 17, 618-634.	1.8	33
25	Linking bioenergetic function of mitochondria to tissue-specific molecular fingerprints. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E374-E387.	1.8	29
26	Deciphering the nitric oxide, cyanide and iron-mediated actions of sodium nitroprusside in cotyledons of salt stressed sunflower seedlings. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 88, 10-26.	1.2	29
27	Wnt-signaling pathways in progressive renal fibrosis. <i>Expert Opinion on Therapeutic Targets</i> , 2011, 15, 1073-1083.	1.5	28
28	Mitochondrial Regulation of the 26S Proteasome. <i>Cell Reports</i> , 2020, 32, 108059.	2.9	28
29	Effector T cells driving monophasic vs. relapsing/remitting experimental autoimmune uveitis show unique pathway signatures. <i>Molecular Immunology</i> , 2010, 48, 272-280.	1.0	26
30	Peptide serum markers in islet autoantibody-positive children. <i>Diabetologia</i> , 2017, 60, 287-295.	2.9	24
31	DNA damage accumulation during fractionated low-dose radiation compromises hippocampal neurogenesis. <i>Radiotherapy and Oncology</i> , 2019, 137, 45-54.	0.3	24
32	Neonatal Irradiation Leads to Persistent Proteome Alterations Involved in Synaptic Plasticity in the Mouse Hippocampus and Cortex. <i>Journal of Proteome Research</i> , 2015, 14, 4674-4686.	1.8	23
33	Iron and FER-LIKE IRON DEFICIENCY-INDUCED TRANSCRIPTION FACTOR-dependent regulation of proteins and genes in <i>Arabidopsis thaliana</i> roots. <i>Proteomics</i> , 2015, 15, 3030-3047.	1.3	22
34	Two-Dimensional Peptide Separation Improving Sensitivity of Selected Reaction Monitoring-Based Quantitative Proteomics in Mouse Liver Tissue: Comparing Off-Gel Electrophoresis and Strong Cation Exchange Chromatography. <i>Analytical Chemistry</i> , 2012, 84, 8853-8862.	3.2	19
35	Identification of a Novel Neurotrophic Factor from Primary Retinal Müller Cells Using Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC). <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2371-2381.	2.5	17
36	Targeting Cancer Metabolism Breaks Radioresistance by Impairing the Stress Response. <i>Cancers</i> , 2021, 13, 3762.	1.7	17

#	ARTICLE	IF	CITATIONS
37	CREB Signaling Mediates Dose-Dependent Radiation Response in the Murine Hippocampus Two Years after Total Body Exposure. <i>Journal of Proteome Research</i> , 2020, 19, 337-345.	1.8	16
38	The Neuroprotective Potential of Retinal Müller Glial Cells. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 381-387.	0.8	13
39	Reconstructing metabolic pathways of a member of the genus <i>Pelotomaculum</i> suggesting its potential to oxidize benzene to carbon dioxide with direct reduction of sulfate. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw254.	1.3	13
40	A common atopy-associated variant in the Th2 cytokine locus control region impacts transcriptional regulation and alters SMAD3 and SP1 binding. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 632-642.	2.7	12
41	Modulation of Wnt and Hedgehog Signaling Pathways Is Linked to Retinoic Acid-Induced Amelioration of Chronic Allograft Dysfunction. <i>American Journal of Transplantation</i> , 2012, 12, 55-68.	2.6	11
42	Long-term consequences of in utero irradiated mice indicate proteomic changes in synaptic plasticity related signalling. <i>Proteome Science</i> , 2015, 13, 26.	0.7	11
43	Omentin-regulated proteins combine a pro-inflammatory phenotype with an anti-inflammatory counterregulation in human adipocytes: A proteomics analysis. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3074.	1.7	11
44	Data on chow, liver tissue and mitochondrial fatty acid compositions as well as mitochondrial proteome changes after feeding mice a western diet for 24 weeks. <i>Data in Brief</i> , 2017, 15, 163-169.	0.5	9
45	Allele-specific quantitative proteomics unravels molecular mechanisms modulated by cis-regulatory PPARG locus variation. <i>Nucleic Acids Research</i> , 2017, 45, 3266-3279.	6.5	8
46	Micro-RNA and Proteomic Profiles of Plasma-Derived Exosomes from Irradiated Mice Reveal Molecular Changes Preventing Apoptosis in Neonatal Cerebellum. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2169.	1.8	8
47	Combined Treatment with Low-Dose Ionizing Radiation and Ketamine Induces Adverse Changes in CA1 Neuronal Structure in Male Murine Hippocampi. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6103.	1.8	7
48	A Human 3D Cardiomyocyte Risk Model to Study the Cardiotoxic Influence of X-rays and Other Noxae in Adults. <i>Cells</i> , 2021, 10, 2608.	1.8	6
49	Data independent acquisition mass spectrometry of irradiated mouse lung endothelial cells reveals a STAT-associated inflammatory response. <i>International Journal of Radiation Biology</i> , 2020, 96, 642-650.	1.0	5
50	Lipocalin 13 enhances insulin secretion but is dispensable for systemic metabolic control. <i>Life Science Alliance</i> , 2021, 4, e202000898.	1.3	5
51	Out-of-Field Hippocampus from Partial-Body Irradiated Mice Displays Changes in Multi-Omics Profile and Defects in Neurogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4290.	1.8	5
52	Isolation and Purification of Mitochondria from Cell Culture for Proteomic Analyses. <i>Methods in Molecular Biology</i> , 2021, 2261, 411-419.	0.4	2