

Christian MÃ¼nch

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

3,842
citations

279778

23
h-index

206102

48
g-index

65
all docs

65
docs citations

65
times ranked

8025
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of USP28 overcomes Cisplatin-resistance of squamous tumors by suppression of the Fanconi anemia pathway. <i>Cell Death and Differentiation</i> , 2022, 29, 568-584.	11.2	16
2	Global mitochondrial protein import proteomics reveal distinct regulation by translation and translocation machinery. <i>Molecular Cell</i> , 2022, 82, 435-446.e7.	9.7	34
3	Mitochondria shed their outer membrane in response to infection-induced stress. <i>Science</i> , 2022, 375, eabi4343.	12.6	42
4	Proteomic landscape of SARS-CoV-2 and MERS-CoV infected primary human renal epithelial cells. <i>Life Science Alliance</i> , 2022, 5, e202201371.	2.8	5
5	PBLMM: Peptide-based linear mixed models for differential expression analysis of shotgun proteomics data. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 691-696.	2.6	4
6	Quantitative Translation Proteomics Using mePROD. <i>Methods in Molecular Biology</i> , 2022, 2428, 75-87.	0.9	3
7	USP28 enables oncogenic transformation of respiratory cells, and its inhibition potentiates molecular therapy targeting mutant EGFR, BRAF and PI3K. <i>Molecular Oncology</i> , 2022, 16, 3082-3106.	4.6	4
8	PTEN mutant non-small cell lung cancer require ATM to suppress pro-apoptotic signalling and evade radiotherapy. <i>Cell and Bioscience</i> , 2022, 12, 50.	4.8	9
9	Mitochondrial RNA modifications shape metabolic plasticity in metastasis. <i>Nature</i> , 2022, 607, 593-603.	27.8	102
10	Virus systems biology: Proteomics profiling of dynamic protein networks during infection. <i>Advances in Virus Research</i> , 2021, 109, 1-29.	2.1	5
11	Autophagy activation, lipotoxicity and lysosomal membrane permeabilization synergize to promote pimozone- and loperamide-induced glioma cell death. <i>Autophagy</i> , 2021, 17, 3424-3443.	9.1	39
12	SRSF3 and SRSF7 modulate 3'UTR length through suppression or activation of proximal polyadenylation sites and regulation of CFIm levels. <i>Genome Biology</i> , 2021, 22, 82.	8.8	30
13	Characterization of Extracellular Vesicles from Preconditioned Human Adipose-Derived Stromal/Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2873.	4.1	12
14	A Chemical Toolbox for Labeling and Degrading Engineered Cas Proteins. <i>Jacs Au</i> , 2021, 1, 777-785.	7.9	10
15	A PROTAC targets splicing factor 3B1. <i>Cell Chemical Biology</i> , 2021, 28, 1616-1627.e8.	5.2	15
16	Calcitriol Promotes Differentiation of Glioma Stem-Like Cells and Increases Their Susceptibility to Temozolomide. <i>Cancers</i> , 2021, 13, 3577.	3.7	12
17	Activating transcription factor 4 mediates adaptation of human glioblastoma cells to hypoxia and temozolomide. <i>Scientific Reports</i> , 2021, 11, 14161.	3.3	11
18	A Spatial and Functional Interaction of a Heterotetramer Survivin-DNA-PKcs Complex in DNA Damage Response. <i>Cancer Research</i> , 2021, 81, 2304-2317.	0.9	8

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19	Functional Translatome Proteomics Reveal Converging and Dose-Dependent Regulation by mTORC1 and eIF2 β . <i>Molecular Cell</i> , 2020, 77, 913-925.e4.	9.7	81
20	Unbiased translation proteomics upon cell stress. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1763150.	0.7	4
21	Growth Factor Receptor Signaling Inhibition Prevents SARS-CoV-2 Replication. <i>Molecular Cell</i> , 2020, 80, 164-174.e4.	9.7	199
22	The Lipid Receptor G2A (GPR132) Mediates Macrophage Migration in Nerve Injury-Induced Neuropathic Pain. <i>Cells</i> , 2020, 9, 1740.	4.1	14
23	COVID-19-Related Coagulopathy—Is Transferrin a Missing Link?. <i>Diagnostics</i> , 2020, 10, 539.	2.6	32
24	Aprotinin Inhibits SARS-CoV-2 Replication. <i>Cells</i> , 2020, 9, 2377.	4.1	72
25	BAG3 Proteomic Signature under Proteostasis Stress. <i>Cells</i> , 2020, 9, 2416.	4.1	15
26	Instrument Logic Increases Identifications during Multiplexed Translatome Measurements. <i>Analytical Chemistry</i> , 2020, 92, 8041-8045.	6.5	10
27	Serine-dependent redox homeostasis regulates glioblastoma cell survival. <i>British Journal of Cancer</i> , 2020, 122, 1391-1398.	6.4	41
28	Proteomics of SARS-CoV-2-infected host cells reveals therapy targets. <i>Nature</i> , 2020, 583, 469-472.	27.8	841
29	Loss of mitochondrial ClpP, Lonp1, and Tfam triggers transcriptional induction of Rnf213, a susceptibility factor for moyamoya disease. <i>Neurogenetics</i> , 2020, 21, 187-203.	1.4	14
30	Maintaining protein stability of β -tubulin63 via USP28 is required by squamous cancer cells. <i>EMBO Molecular Medicine</i> , 2020, 12, e11101.	6.9	42
31	TA β 63 and GTP β 63 achieve tighter transcriptional regulation in quality control by converting an inhibitory element into an additional transactivation domain. <i>Cell Death and Disease</i> , 2019, 10, 686.	6.3	10
32	Biglycan evokes autophagy in macrophages via a novel CD44/Toll-like receptor 4 signaling axis in ischemia/reperfusion injury. <i>Kidney International</i> , 2019, 95, 540-562.	5.2	78
33	Ubiquitylome profiling of Parkin-null brain reveals dysregulation of calcium homeostasis factors ATP1A2, Hippocalcin and GNA11, reflected by altered firing of noradrenergic neurons. <i>Neurobiology of Disease</i> , 2019, 127, 114-130.	4.4	21
34	Loss of the selective autophagy receptor p62 impairs murine myeloid leukemia progression and mitophagy. <i>Blood</i> , 2019, 133, 168-179.	1.4	83
35	Hitchhiking on selective autophagy. <i>Nature Cell Biology</i> , 2018, 20, 122-124.	10.3	14
36	Endosomal Rab cycles regulate Parkin-mediated mitophagy. <i>ELife</i> , 2018, 7, .	6.0	113

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37	AT 101 induces early mitochondrial dysfunction and HMOX1 (heme oxygenase 1) to trigger mitophagic cell death in glioma cells. <i>Autophagy</i> , 2018, 14, 1693-1709.	9.1	79
38	The different axes of the mammalian mitochondrial unfolded protein response. <i>BMC Biology</i> , 2018, 16, 81.	3.8	105
39	TIRR regulates 53BP1 by masking its histone methyl-lysine binding function. <i>Nature</i> , 2017, 543, 211-216.	27.8	96
40	Mitochondrial Sirtuin Network Reveals Dynamic SIRT3-Dependent Deacetylation in Response to Membrane Depolarization. <i>Cell</i> , 2016, 167, 985-1000.e21.	28.9	259
41	Mitochondrial unfolded protein response controls matrix pre-RNA processing and translation. <i>Nature</i> , 2016, 534, 710-713.	27.8	231
42	Quantifying Ubiquitin Signaling. <i>Molecular Cell</i> , 2015, 58, 660-676.	9.7	124
43	Propagation of the Prion Phenomenon: Beyond the Seeding Principle. <i>Journal of Molecular Biology</i> , 2012, 421, 491-498.	4.2	28
44	Failure of Amino Acid Homeostasis Causes Cell Death following Proteasome Inhibition. <i>Molecular Cell</i> , 2012, 48, 242-253.	9.7	264
45	Prion-like propagation of mutant superoxide dismutase-1 misfolding in neuronal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3548-3553.	7.1	421
46	Self-propagation and transmission of misfolded mutant SOD1: Prion or prion-like phenomenon?. <i>Cell Cycle</i> , 2011, 10, 1711-1711.	2.6	22
47	Exposure of Hydrophobic Surfaces Initiates Aggregation of Diverse ALS-Causing Superoxide Dismutase-1 Mutants. <i>Journal of Molecular Biology</i> , 2010, 399, 512-525.	4.2	111