

AndrÃ© Mateus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/894895/publications.pdf>

Version: 2024-02-01

36
papers

3,097
citations

279487

23
h-index

329751

37
g-index

47
all docs

47
docs citations

47
times ranked

4372
citing authors

#	ARTICLE	IF	CITATIONS
1	A new antibiotic selectively kills Gram-negative pathogens. <i>Nature</i> , 2019, 576, 459-464.	13.7	456
2	Species-specific activity of antibacterial drug combinations. <i>Nature</i> , 2018, 559, 259-263.	13.7	276
3	The functional landscape of the human phosphoproteome. <i>Nature Biotechnology</i> , 2020, 38, 365-373.	9.4	273
4	A Dual-Mechanism Antibiotic Kills Gram-Negative Bacteria and Avoids Drug Resistance. <i>Cell</i> , 2020, 181, 1518-1532.e14.	13.5	202
5	Pervasive Protein Thermal Stability Variation during the Cell Cycle. <i>Cell</i> , 2018, 173, 1495-1507.e18.	13.5	183
6	Bioaccumulation of therapeutic drugs by human gut bacteria. <i>Nature</i> , 2021, 597, 533-538.	13.7	159
7	Thermal proteome profiling for interrogating protein interactions. <i>Molecular Systems Biology</i> , 2020, 16, e9232.	3.2	150
8	Rapid Measurement of Intracellular Unbound Drug Concentrations. <i>Molecular Pharmaceutics</i> , 2013, 10, 2467-2478.	2.3	130
9	Thermal proteome profiling in bacteria: probing protein state <i>in vivo</i> . <i>Molecular Systems Biology</i> , 2018, 14, e8242.	3.2	130
10	CETSA screening identifies known and novel thymidylate synthase inhibitors and slow intracellular activation of 5-fluorouracil. <i>Nature Communications</i> , 2016, 7, 11040.	5.8	126
11	Thermal proteome profiling: unbiased assessment of protein state through heat-induced stability changes. <i>Proteome Science</i> , 2016, 15, 13.	0.7	101
12	Prediction of intracellular exposure bridges the gap between target- and cell-based drug discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6231-E6239.	3.3	74
13	Outer membrane lipoprotein NlpI scaffolds peptidoglycan hydrolases within multi-enzyme complexes in <i>Escherichia coli</i> . <i>EMBO Journal</i> , 2020, 39, e102246.	3.5	69
14	Intracellular drug bioavailability: a new predictor of system dependent drug disposition. <i>Scientific Reports</i> , 2017, 7, 43047.	1.6	59
15	The functional proteome landscape of <i>Escherichia coli</i> . <i>Nature</i> , 2020, 588, 473-478.	13.7	58
16	Impact of phosphorylation on thermal stability of proteins. <i>Nature Methods</i> , 2021, 18, 757-759.	9.0	58
17	Direct Measurement of Intracellular Compound Concentration by RapidFire Mass Spectrometry Offers Insights into Cell Permeability. <i>Journal of Biomolecular Screening</i> , 2016, 21, 156-164.	2.6	54
18	Bacterial retrons encode phage-defending tripartite toxin-antitoxin systems. <i>Nature</i> , 2022, 609, 144-150.	13.7	52

#	ARTICLE	IF	CITATIONS
19	Mechanistic Modeling of Pitavastatin Disposition in Sandwich-Cultured Human Hepatocytes: A Proteomics-Informed Bottom-Up Approach. <i>Drug Metabolism and Disposition</i> , 2016, 44, 505-516.	1.7	43
20	Assessment of pharmacokinetic changes of meropenem during therapy in septic critically ill patients. <i>BMC Pharmacology & Toxicology</i> , 2014, 15, 21.	1.0	41
21	A High-Throughput Cell-Based Method to Predict the Unbound Drug Fraction in the Brain. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3005-3010.	2.9	34
22	A computational method for detection of ligand-binding proteins from dose range thermal proteome profiles. <i>Nature Communications</i> , 2020, 11, 5783.	5.8	34
23	Drug Target Identification in Tissues by Thermal Proteome Profiling. <i>Annual Review of Pharmacology and Toxicology</i> , 2022, 62, 465-482.	4.2	31
24	Spatiotemporal proteomics uncovers cathepsin-dependent macrophage cell death during Salmonella infection. <i>Nature Microbiology</i> , 2020, 5, 1119-1133.	5.9	30
25	Intracellular Drug Bioavailability: Effect of Neutral Lipids and Phospholipids. <i>Molecular Pharmaceutics</i> , 2018, 15, 2224-2233.	2.3	25
26	High-throughput functional characterization of protein phosphorylation sites in yeast. <i>Nature Biotechnology</i> , 2022, 40, 382-390.	9.4	24
27	Piperazin-1-ylpyridazine Derivatives Are a Novel Class of Human dCTP Pyrophosphatase 1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4279-4292.	2.9	19
28	Exploiting loss of heterozygosity for allele-selective colorectal cancer chemotherapy. <i>Nature Communications</i> , 2020, 11, 1308.	5.8	18
29	SARS-CoV-2 infection remodels the host protein thermal stability landscape. <i>Molecular Systems Biology</i> , 2021, 17, e10188.	3.2	17
30	Improved predictions of time-dependent drug-drug interactions by determination of cytosolic drug concentrations. <i>Scientific Reports</i> , 2019, 9, 5850.	1.6	15
31	Isocotoin suppresses hepatitis E virus replication through inhibition of heat shock protein 90. <i>Antiviral Research</i> , 2021, 185, 104997.	1.9	15
32	Identification of Triazolothiadiazoles as Potent Inhibitors of the dCTP Pyrophosphatase 1. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2148-2154.	2.9	14
33	Rtpca: an R package for differential thermal proximity coaggregation analysis. <i>Bioinformatics</i> , 2021, 37, 431-433.	1.8	14
34	The rise of proteome-wide biophysics. <i>Molecular Systems Biology</i> , 2021, 17, e10442.	3.2	9
35	Transcriptional and Post-Transcriptional Polar Effects in Bacterial Gene Deletion Libraries. <i>MSystems</i> , 2021, 6, e0081321.	1.7	9
36	Hepatocyte size fractionation allows dissection of human liver zonation. <i>Journal of Cellular Physiology</i> , 2021, 236, 5885-5894.	2.0	7