

Ulrich L GÃ¼nther

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

564
citations

759233

12
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1036
citing authors

#	ARTICLE	IF	CITATIONS
1	MetaboLab - advanced NMR data processing and analysis for metabolomics. BMC Bioinformatics, 2011, 12, 366.	2.6	116
2	Metabolomic Profiling of Drug Responses in Acute Myeloid Leukaemia Cell Lines. PLoS ONE, 2009, 4, e4251.	2.5	101
3	Dynamic Nuclear Hyperpolarization in Liquids. Topics in Current Chemistry, 2011, 335, 23-69.	4.0	44
4	Ketohexokinase inhibition improves NASH by reducing fructose-induced steatosis and fibrogenesis. JHEP Reports, 2021, 3, 100217.	4.9	34
5	Real-time NMR Spectroscopy for Studying Metabolism. Angewandte Chemie - International Edition, 2020, 59, 2304-2308.	13.8	31
6	A framework for tracer-based metabolism in mammalian cells by NMR. Scientific Reports, 2019, 9, 2520.	3.3	30
7	Metabolic and Lipidomic Markers Differentiate COVID-19 From Non-Hospitalized and Other Intensive Care Patients. Frontiers in Molecular Biosciences, 2021, 8, 737039.	3.5	30
8	Improved Stability and Spectral Quality in Ex Situ Dissolution DNP Using an Improved Transfer Device. Applied Magnetic Resonance, 2015, 46, 723-729.	1.2	24
9	Combined Analysis of NMR and MS Spectra (CANMS). Angewandte Chemie - International Edition, 2017, 56, 4140-4144.	13.8	23
10	Malonate as a ROS product is associated with pyruvate carboxylase activity in acute myeloid leukaemia cells. Cancer & Metabolism, 2016, 4, 15.	5.0	20
11	Evaluation of Solvent Accessibility Epitopes for Different Dehydrogenase Inhibitors. ChemMedChem, 2008, 3, 1371-1376.	3.2	16
12	Tracer-based Metabolic NMR-based Flux Analysis in a Leukaemia Cell Line. ChemPlusChem, 2016, 81, 453-459.	2.8	15
13	Ligand-based NMR spectra demonstrate an additional phytoestrogen binding site for 17 β -hydroxysteroid dehydrogenase type 1. Journal of Steroid Biochemistry and Molecular Biology, 2009, 117, 93-98.	2.5	12
14	Quantitative Isotopomer Rates in Real-time Metabolism of Cells Determined by NMR Methods. ChemBioChem, 2019, 20, 2207-2211.	2.6	11
15	Metabolomic Evidence for a Field Effect in Histologically Normal and Metaplastic Tissues in Patients with Esophageal Adenocarcinoma. Neoplasia, 2017, 19, 165-174.	5.3	10
16	Detecting acetylated aminoacids in blood serum using hyperpolarized ^{13}C -1D-NMR. Journal of Magnetic Resonance, 2019, 305, 175-179.	2.1	9
17	Real-time NMR Spectroscopy for Studying Metabolism. Angewandte Chemie, 2020, 132, 2324-2328.	2.0	9
18	Regulation of the Mitochondrion-Fatty Acid Axis for the Metabolic Reprogramming of Chlamydia trachomatis during Treatment with β -Lactam Antimicrobials. MBio, 2021, 12, .	4.1	9

#	ARTICLE	IF	CITATIONS
19	TKTL1 Knockdown Impairs Hypoxia-Induced Glucose-6-phosphate Dehydrogenase and Glyceraldehyde-3-phosphate Dehydrogenase Overexpression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3574.	4.1	7
20	Targeting Asparagine and Serine Metabolism in Germinal Centre-Derived B Cells Non-Hodgkin Lymphomas (B-NHL). <i>Cells</i> , 2021, 10, 2589.	4.1	5
21	Alcoholic hepatitis and metabolic disturbance in female mice : a more tractable model than <i>Nrf2</i> ^{-/-} animals. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	4
22	Combined Analysis of NMR and MS Spectra (CANMS). <i>Angewandte Chemie</i> , 2017, 129, 4204-4208.	2.0	3