

Ulrich L GÃ¼nther

List of Publications by Year in descending order

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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	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
2	Ketohexokinase inhibition improves NASH by reducing fructose-induced steatosis and fibrogenesis. <i>JHEP Reports</i> , 2021, 3, 100217.	4.9	34
3	Regulation of the Mitochondrion-Fatty Acid Axis for the Metabolic Reprogramming of <i>Chlamydia trachomatis</i> during Treatment with β -Lactam Antimicrobials. <i>MBio</i> , 2021, 12, .	4.1	9
4	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
5	Metabolic and Lipidomic Markers Differentiate COVID-19 From Non-Hospitalized and Other Intensive Care Patients. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 737039.	3.5	30
6	Real-Time NMR Spectroscopy for Studying Metabolism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2304-2308.	13.8	31
7	Real-Time NMR Spectroscopy for Studying Metabolism. <i>Angewandte Chemie</i> , 2020, 132, 2324-2328.	2.0	9
8	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
9	Detecting acetylated aminoacids in blood serum using hyperpolarized ^{13}C - ^{15}N -2D-NMR. <i>Journal of Magnetic Resonance</i> , 2019, 305, 175-179.	2.1	9
10	Quantitative Isotopomer Rates in Real-Time Metabolism of Cells Determined by NMR Methods. <i>ChemBioChem</i> , 2019, 20, 2207-2211.	2.6	11
11	A framework for tracer-based metabolism in mammalian cells by NMR. <i>Scientific Reports</i> , 2019, 9, 2520.	3.3	30
12	Combined Analysis of NMR and MS Spectra (CANMS). <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4140-4144.	13.8	23
13	Combined Analysis of NMR and MS Spectra (CANMS). <i>Angewandte Chemie</i> , 2017, 129, 4204-4208.	2.0	3
14	Metabolomic Evidence for a Field Effect in Histologically Normal and Metaplastic Tissues in Patients with Esophageal Adenocarcinoma. <i>Neoplasia</i> , 2017, 19, 165-174.	5.3	10
15	Tracer-Based Metabolic NMR-Based Flux Analysis in a Leukaemia Cell Line. <i>ChemPlusChem</i> , 2016, 81, 453-459.	2.8	15
16	Malonate as a ROS product is associated with pyruvate carboxylase activity in acute myeloid leukaemia cells. <i>Cancer & Metabolism</i> , 2016, 4, 15.	5.0	20
17	Improved Stability and Spectral Quality in Ex Situ Dissolution DNP Using an Improved Transfer Device. <i>Applied Magnetic Resonance</i> , 2015, 46, 723-729.	1.2	24
18	Dynamic Nuclear Hyperpolarization in Liquids. <i>Topics in Current Chemistry</i> , 2011, 335, 23-69.	4.0	44

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19	MetaboLab - advanced NMR data processing and analysis for metabolomics. BMC Bioinformatics, 2011, 12, 366.	2.6	116
20	Metabolomic Profiling of Drug Responses in Acute Myeloid Leukaemia Cell Lines. PLoS ONE, 2009, 4, e4251.	2.5	101
21	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
22	Evaluation of Solvent Accessibility Epitopes for Different Dehydrogenase Inhibitors. ChemMedChem, 2008, 3, 1371-1376.	3.2	16