

GaÃ«lle Diserens

List of Publications by Year in descending order

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311
citing authors

#	ARTICLE	IF	CITATIONS
1	Does centrifugation matter? Centrifugal force and spinning time alter the plasma metabolome. <i>Metabolomics</i> , 2016, 12, 159.	3.0	31
2	¹ H HR-MAS NMR Based Metabolic Profiling of Cells in Response to Treatment with a Hexacationic Ruthenium Metallaprism as Potential Anticancer Drug. <i>PLoS ONE</i> , 2015, 10, e0128478.	2.5	30
3	Combined transcriptome and metabolome analyses of metformin effects reveal novel links between metabolic networks in steroidogenic systems. <i>Scientific Reports</i> , 2017, 7, 8652.	3.3	16
4	Metabolic profiling of apples from different production systems before and after controlled atmosphere (CA) storage studied by ¹ H high resolution-magic angle spinning (HR-MAS) NMR. <i>Food Chemistry</i> , 2017, 233, 391-400.	8.2	15
5	Separation of small metabolites and lipids in spectra from biopsies by diffusion-weighted HR-MAS NMR: a feasibility study. <i>Analyst, The</i> , 2015, 140, 272-279.	3.5	14
6	Metabolic stability of cells for extended metabolical measurements using NMR. A comparison between lysed and additionally heat inactivated cells. <i>Analyst, The</i> , 2017, 142, 465-471.	3.5	10
7	¹ H HR-MAS NMR-Based Metabolomics of Cancer Cells in Response to Treatment with the Diruthenium Trithiolato Complex [(p-MeC ₆ H ₄ iPr) ₂ Ru ₂ (SC ₆ H ₄ -p-But) ₃] ⁺ (DiRu-1). <i>Metabolites</i> , 2019, 9, 146.	2.9	8
8	Metabolic profiling of listeria rhombencephalitis in small ruminants by ¹ H high-resolution magic angle spinning NMR spectroscopy. <i>NMR in Biomedicine</i> , 2018, 31, e4023.	2.8	6
9	Longitudinal investigation of the metabolome of 3D aggregating brain cell cultures at different maturation stages by ¹ H HR-MAS NMR. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6733-6749.	3.7	6
10	Selective galactose culture condition reveals distinct metabolic signatures in pyruvate dehydrogenase and complex I deficient human skin fibroblasts. <i>Metabolomics</i> , 2019, 15, 32.	3.0	6
11	Direct determination of phosphate sugars in biological material by ¹ H high-resolution magic-angle-spinning NMR spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5651-5656.	3.7	4
12	Hip Position Acutely Affects Oxygenation and Perfusion of Kidney Grafts as Measured by Functional Magnetic Resonance Imaging Methodsâ€”The Bent Knee Study. <i>Frontiers in Medicine</i> , 2021, 8, 697055.	2.6	4
13	Visibility of lipid resonances in HR-MAS spectra of brain biopsies subject to spinning rate variation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1539-1544.	2.4	3
14	¹ H High-Resolution Magic-Angle-Spinning NMR Spectroscopy to Determine Phosphate Sugars in Biological Tissues and Cell Cultures. <i>Chimia</i> , 2017, 71, 507-507.	0.6	2
15	Determination of bile acids from human gallbladder by ¹ Hâ€”MRSâ€”Protocol optimization and estimation of reproducibility. <i>NMR in Biomedicine</i> , 2021, 34, e4432.	2.8	2