

He Wen

List of Publications by Year in descending order

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papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Application of a ¹ H Nuclear Magnetic Resonance (NMR) Metabolomics Approach Combined with Orthogonal Projections to Latent Structure-Discriminant Analysis as an Efficient Tool for Discriminating between Korean and Chinese Herbal Medicines. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11589-11595.	5.2	88
2	A new NMR-based metabolomics approach for the diagnosis of biliary tract cancer. <i>Journal of Hepatology</i> , 2010, 52, 228-233.	3.7	88
3	Real-Time Monitoring of Cancer Cell Metabolism and Effects of an Anticancer Agent using 2D In-Cell NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5374-5377.	13.8	60
4	Predicting idiopathic toxicity of cisplatin by a pharmacometabonomic approach. <i>Kidney International</i> , 2011, 79, 529-537.	5.2	47
5	Alternative assembly of respiratory complex II connects energy stress to metabolic checkpoints. <i>Nature Communications</i> , 2018, 9, 2221.	12.8	44
6	Metabotyping of the <i>C. elegans sir-2.1</i> Mutant Using <i>in Vivo</i> Labeling and ¹³ C-Heteronuclear Multidimensional NMR Metabolomics. <i>ACS Chemical Biology</i> , 2012, 7, 2012-2018.	3.4	39
7	An NMR metabolomics approach for the diagnosis of leptomeningeal carcinomatosis in lung adenocarcinoma cancer patients. <i>International Journal of Cancer</i> , 2015, 136, 162-171.	5.1	38
8	Observation of acetyl phosphate formation in mammalian mitochondria using real-time in-organelle NMR metabolomics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4152-4157.	7.1	37
9	Urinary Metabolite Profiling Combined with Computational Analysis Predicts Interstitial Cystitis-Associated Candidate Biomarkers. <i>Journal of Proteome Research</i> , 2015, 14, 541-548.	3.7	36
10	CBP mediated DOT1L acetylation confers DOT1L stability and promotes cancer metastasis. <i>Theranostics</i> , 2020, 10, 1758-1776.	10.0	31
11	Differentiation of cultivation sources of <i>Ganoderma lucidum</i> by NMR-based metabolomics approach. <i>Phytochemical Analysis</i> , 2010, 21, 73-79.	2.4	28
12	SIRT7 activates p53 by enhancing PCAF-mediated MDM2 degradation to arrest the cell cycle. <i>Oncogene</i> , 2020, 39, 4650-4665.	5.9	28
13	Enhanced Phase II Detoxification Contributes to Beneficial Effects of Dietary Restriction as Revealed by Multi-platform Metabolomics Studies. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 575-586.	3.8	27
14	p53 cooperates with SIRT6 to regulate cardiolipin de novo biosynthesis. <i>Cell Death and Disease</i> , 2018, 9, 941.	6.3	26
15	Glucose-derived acetate and ACS2 as key players in cisplatin resistance in bladder cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 413-421.	2.4	26
16	Carbon Isotopomer Analysis with Non-Uniform Sampling HSQC NMR for Cell Extract and Live Cell Metabolomics Studies. <i>Analytical Chemistry</i> , 2017, 89, 1078-1085.	6.5	23
17	An Effective Assessment of Simvastatin-Induced Toxicity with NMR-Based Metabonomics Approach. <i>PLoS ONE</i> , 2011, 6, e16641.	2.5	22
18	Alanine-Metabolizing Enzyme Alt1 Is Critical in Determining Yeast Life Span, As Revealed by Combined Metabolomic and Genetic Studies. <i>Journal of Proteome Research</i> , 2013, 12, 1619-1627.	3.7	20

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19	Metabolomic comparison between cells overexpressing isocitrate dehydrogenase 1 and 2 mutants and the effects of an inhibitor on the metabolism. <i>Journal of Neurochemistry</i> , 2015, 132, 183-193.	3.9	16
20	The roles of IP3 receptor in energy metabolic pathways and reactive oxygen species homeostasis revealed by metabolomic and biochemical studies. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2937-2944.	4.1	16
21	Global dynamic conformational changes in the suppressor domain of IP ₃ receptor by stepwise binding of the two lobes of calmodulin. <i>FASEB Journal</i> , 2011, 25, 840-850.	0.5	15
22	An NMR Metabolomics Approach for the Diagnosis of Leptomeningeal Carcinomatosis. <i>Cancer Research</i> , 2012, 72, 5179-5187.	0.9	15
23	Identification of Urinary Biomarkers Related to Cisplatin-Induced Acute Renal Toxicity Using NMR-Based Metabolomics. <i>Biomolecules and Therapeutics</i> , 2011, 19, 38-44.	2.4	9
24	Combined Genomic-Metabolomic Approach for the Differentiation of Geographical Origins of Natural Products: Deer Antlers As an Example. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6339-6345.	5.2	8
25	Characterization of the binding sites for the interactions between FKBP12 and intracellular calcium release channels. <i>Archives of Biochemistry and Biophysics</i> , 2012, 517, 37-42.	3.0	5
26	Differentiation of antlers from deer on different feeds using an NMR-based metabolomics approach. <i>Archives of Pharmacal Research</i> , 2010, 33, 1227-1234.	6.3	4
27	A Highly Facile and Specific Assay for Cancer-Causing Isocitrate Dehydrogenase Mutant Using ¹³ C ⁴ -Labeled α -Ketoglutarate and Heteronuclear NMR. <i>Analytical Chemistry</i> , 2013, 85, 11987-11992.	6.5	3
28	Specific Detection of Cellular Glutamine Hydrolysis in Live Cells Using HNCO Triple Resonance NMR. <i>ACS Chemical Biology</i> , 2016, 11, 3140-3145.	3.4	3
29	A specific assay for JmjC domain-containing lysine demethylase and its application to inhibitor screening. <i>Science China Life Sciences</i> , 2019, 62, 1404-1408.	4.9	1
30	¹ H NMR-based assay for lysine demethylase LSD1 and its application to inhibitor screening. <i>Genome Instability & Disease</i> , 2021, 2, 302-308.	1.1	1
31	A new NMR metabolomics-based diagnosis for hepatobiliary tract cancer. <i>Journal of Hepatology</i> , 2011, 54, 399-400.	3.7	0
32	A new mechanism in the binding between Homer3 EVH1 domain and inositol 1,4,5 trisphosphate receptor suppressor domain. <i>Biochemistry and Cell Biology</i> , 2014, 92, 163-171.	2.0	0
33	Highly conserved protein Rv1211 in <i>Mycobacterium tuberculosis</i> is a natively unfolded protein that binds to a calmodulin antagonist, trifluoperazine. <i>Biochemical and Biophysical Research Communications</i> , 2022, 610, 182-187.	2.1	0