He Wen

List of Publications by Year
in descending order

33 papers	811 citations	471509 17 h-index	501196 28 g-index
34 all docs	34 docs citations	34 times ranked	1391 citing authors

#	Article	IF	Citations
1	Highly conserved protein Rv1211 in Mycobacterium tuberculosis is a natively unfolded protein that binds to a calmodulin antagonist, trifluoperazine. Biochemical and Biophysical Research Communications, 2022, 610, 182-187.	2.1	0
2	1H NMR-based assay for lysine demethylase LSD1 and its application to inhibitor screening. Genome Instability & Disease, 2021, 2, 302-308.	1.1	1
3	CBP mediated DOT1L acetylation confers DOT1L stability and promotes cancer metastasis. Theranostics, 2020, 10, 1758-1776.	10.0	31
4	SIRT7 activates p53 by enhancing PCAF-mediated MDM2 degradation to arrest the cell cycle. Oncogene, 2020, 39, 4650-4665.	5.9	28
5	Glucose-derived acetate and ACSS2 as key players in cisplatin resistance in bladder cancer. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 413-421.	2.4	26
6	A specific assay for JmjC domain-containing lysine demethylase and its application to inhibitor screening. Science China Life Sciences, 2019, 62, 1404-1408.	4.9	1
7	Observation of acetyl phosphate formation in mammalian mitochondria using real-time in-organelle NMR metabolomics. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4152-4157.	7.1	37
8	p53 cooperates with SIRT6 to regulate cardiolipin de novo biosynthesis. Cell Death and Disease, 2018, 9, 941.	6.3	26
9	Alternative assembly of respiratory complex II connects energy stress to metabolic checkpoints. Nature Communications, 2018, 9, 2221.	12.8	44
10	Carbon Isotopomer Analysis with Non-Unifom Sampling HSQC NMR for Cell Extract and Live Cell Metabolomics Studies. Analytical Chemistry, 2017, 89, 1078-1085.	6.5	23
11	Specific Detection of Cellular Glutamine Hydrolysis in Live Cells Using HNCO Triple Resonance NMR. ACS Chemical Biology, 2016, 11, 3140-3145.	3.4	3
12	Urinary Metabolite Profiling Combined with Computational Analysis Predicts Interstitial Cystitis-Associated Candidate Biomarkers. Journal of Proteome Research, 2015, 14, 541-548.	3.7	36
13	Metabolomic comparison between cells overâ€expressing isocitrate dehydrogenase 1 and 2 mutants and the effects of an inhibitor on the metabolism. Journal of Neurochemistry, 2015, 132, 183-193.	3.9	16
14	The roles of IP3 receptor in energy metabolic pathways and reactive oxygen species homeostasis revealed by metabolomic and biochemical studies. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2937-2944.	4.1	16
15	Realâ€Time Monitoring of Cancer Cell Metabolism and Effects of an Anticancer Agent using 2D Inâ€Cell NMR Spectroscopy. Angewandte Chemie - International Edition, 2015, 54, 5374-5377.	13.8	60
16	An NMR metabolomics approach for the diagnosis of leptomeningeal carcinomatosis in lung adenocarcinoma cancer patients. International Journal of Cancer, 2015, 136, 162-171.	5.1	38
17	A new mechanism in the binding between Homer3 EVH1 domain and inositol 1,4,5 trisphosphate receptor suppressor domain. Biochemistry and Cell Biology, 2014, 92, 163-171.	2.0	0
18	Alanine-Metabolizing Enzyme Alt1 Is Critical in Determining Yeast Life Span, As Revealed by Combined Metabolomic and Genetic Studies. Journal of Proteome Research, 2013, 12, 1619-1627.	3.7	20

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19	A Highly Facile and Specific Assay for Cancer-Causing Isocitrate Dehydrogenase Mutant Using [13]C$_4$-Labeled Î±-Ketoglutarate and Heteronuclear NMR. Analytical Chemistry, 2013, 85, 11987-11992.	6.5	3
20	Enhanced Phase II Detoxification Contributes to Beneficial Effects of Dietary Restriction as Revealed by Multi-platform Metabolomics Studies. Molecular and Cellular Proteomics, 2013, 12, 575-586.	3.8	27
21	Metabotyping of the *C. elegans sir-2.1* Mutant Using *in Vivo* Labeling and ^{13}C-Heteronuclear Multidimensional NMR Metabolomics. ACS Chemical Biology, 2012, 7, 2012-2018.	3.4	39
22	An NMR Metabolomics Approach for the Diagnosis of Leptomeningeal Carcinomatosis. Cancer Research, 2012, 72, 5179-5187.	0.9	15
23	Characterization of the binding sites for the interactions between FKBP12 and intracellular calcium release channels. Archives of Biochemistry and Biophysics, 2012, 517, 37-42.	3.0	5
24	Combined Genomicâ€"Metabolomic Approach for the Differentiation of Geographical Origins of Natural Products: Deer Antlers As an Example. Journal of Agricultural and Food Chemistry, 2011, 59, 6339-6345.	5.2	8
25	A new NMR metabolomics-based diagnosis for hepatobiliary tract cancer. Journal of Hepatology, 2011, 54, 399-400.	3.7	0
26	An Effective Assessment of Simvastatin-Induced Toxicity with NMR-Based Metabonomics Approach. PLoS ONE, 2011, 6, e16641.	2.5	22
27	Predicting idiopathic toxicity of cisplatin by a pharmacometabonomic approach. Kidney International, 2011, 79, 529-537.	5.2	47
28	Global dynamic conformational changes in the suppressor domain of IP$_3$ receptor by stepwise binding of the two lobes of calmodulin. FASEB Journal, 2011, 25, 840-850.	0.5	15
29	Identification of Urinary Biomarkers Related to Cisplatin-Induced Acute Renal Toxicity Using NMR-Based Metabolomics. Biomolecules and Therapeutics, 2011, 19, 38-44.	2.4	9
30	Differentiation of antlers from deer on different feeds using an NMR-based metabolomics approach. Archives of Pharmacal Research, 2010, 33, 1227-1234.	6.3	4
31	Differentiation of cultivation sources of *Ganoderma lucidum* by NMRâ€"based metabolomics approach. Phytochemical Analysis, 2010, 21, 73-79.	2.4	28
32	A new NMR-based metabolomics approach for the diagnosis of biliary tract cancer. Journal of Hepatology, 2010, 52, 228-233.	3.7	88
33	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. Journal of Agricultural and Food Chemistry, 2008, 56, 11589-11595.	5.2	88