Fariba Tayyari

List of Publications by Year
in descending order

24 papers	1,115 citations	471509 17 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1885 citing authors

#	Article	IF	Citations
1	Cancer progression by reprogrammed BCAA metabolism in myeloid leukaemia. Nature, 2017, 545, 500-504.	27.8	287
2	Towards quality assurance and quality control in untargeted metabolomics studies. Metabolomics, 2019, 15, 4.	3.0	101
3	Mitochondrial pyruvate carriers are required for myocardial stress adaptation. Nature Metabolism, 2020, 2, 1248-1264.	11.9	87
4	¹⁵N-Cholamineâ€"A Smart Isotope Tag for Combining NMR- and MS-Based Metabolite Profiling. Analytical Chemistry, 2013, 85, 8715-8721.	6.5	79
5	Dissemination and analysis of the quality assurance (QA) and quality control (QC) practices of LCâ€"MS based untargeted metabolomics practitioners. Metabolomics, 2020, 16, 113.	3.0	56
6	Quantitative Analysis of Blood Plasma Metabolites Using Isotope Enhanced NMR Methods. Analytical Chemistry, 2010, 82, 8983-8990.	6.5	50
7	Alternatives to Nuclear Overhauser Enhancement Spectroscopy Presat and Carrâ€"Purcellâ€"Meiboomâ€"Gill Presat for NMR-Based Metabolomics. Analytical Chemistry, 2017, 89, 8582-8588.	6.5	46
8	Metabolic profiles of triple-negative and luminal A breast cancer subtypes in African-American identify key metabolic differences. Oncotarget, 2018, 9, 11677-11690.	1.8	46
9	Ratio Analysis Nuclear Magnetic Resonance Spectroscopy for Selective Metabolite Identification in Complex Samples. Analytical Chemistry, 2011, 83, 7616-7623.	6.5	43
10	Reference materials for MS-based untargeted metabolomics and lipidomics: a review by the metabolomics quality assurance and quality control consortium (mQACC). Metabolomics, 2022, 18, 24.	3.0	43
11	Continuous in vivo Metabolism by NMR. Frontiers in Molecular Biosciences, 2019, 6, 26.	3.5	41
12	A 1H NMR-based approach to investigate metabolomic differences in the plasma and urine of young women after cranberry juice or apple juice consumption. Journal of Functional Foods, 2015, 14, 76-86.	3.4	35
13	A two-dimensional double minimum potential function for bent hydrogen bonded systems. I-malonaldehyde. Computational and Theoretical Chemistry, 2003, 637, 171-181.	1.5	31
14	1,25-Dihydroxyvitamin D regulation of glucose metabolism in Harvey-ras transformed MCF10A human breast epithelial cells. Journal of Steroid Biochemistry and Molecular Biology, 2013, 138, 81-89.	2.5	30
15	13C-Formylation for Improved Nuclear Magnetic Resonance Profiling of Amino Metabolites in Biofluids. Analytical Chemistry, 2010, 82, 2303-2309.	6.5	27
16	Altered glucose metabolism in Harvey-rastransformed MCF10A cells. Molecular Carcinogenesis, 2015, 54, 111-120.	2.7	23
17	NMR-based metabolomics reveals urinary metabolome modifications in female Sprague€"Dawley rats by cranberry procyanidins. Journal of Nutritional Biochemistry, 2016, 34, 136-145.	4.2	22
18	A pilot to assess target engagement of terazosin in Parkinson's disease. Parkinsonism and Related Disorders, 2022, 94, 79-83.	2.2	17

#	Article	IF	Citations
19	Conformational analysis, tautomerization, IR, Raman, and NMR studies of 3-phenylazo-2,4-pentanedione. Journal of Molecular Structure, 2009, 920, 301-309.	3.6	12
20	Metabolomic Evaluation of the Consequences of Plasma Cystathionine Elevation in Adults with Stable Angina Pectoris. Journal of Nutrition, 2017, 147, 1658-1668.	2.9	11
21	Vibrational assignment and structure of 4-amino-3-cyano-3-penten-2-one. Journal of Molecular Structure, 2002, 613, 195-208.	3.6	8
22	Correlations Between LC-MS/MS-Detected Glycomics and NMR-Detected Metabolomics in Caenorhabditis elegans Development. Frontiers in Molecular Biosciences, 2019, 6, 49.	3.5	8
23	Endothelial BBSome is essential for vascular, metabolic, and retinal functions. Molecular Metabolism, 2021, 53, 101308.	6.5	6
24	Monosubstituted Malononitriles: Efficient One-Pot Reductive Alkylations of Malononitrile with Aromatic Aldehydes. Synthesis, 2008, 2008, 279-285.	2.3	5