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List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

285
citations

840776

11
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of chocolate powder adulteration with peanut using near-infrared hyperspectral imaging and Multivariate Curve Resolution. <i>Food Control</i> , 2021, 119, 107454.	5.5	36
2	¹ H NMR metabolomic study of auxotrophic starvation in yeast using Multivariate Curve Resolution-Alternating Least Squares for Pathway Analysis. <i>Scientific Reports</i> , 2016, 6, 30982.	3.3	31
3	A quantitative ¹ H NMR approach for evaluating the metabolic response of <i>Saccharomyces cerevisiae</i> to mild heat stress. <i>Metabolomics</i> , 2015, 11, 1612-1625.	3.0	25
4	Unraveling the Multistimuli Responses of a Complex Dynamic System of Pseudopeptidic Macrocycles. <i>Chemistry - A European Journal</i> , 2017, 23, 10789-10799.	3.3	22
5	Assessment of the microbial interplay during anaerobic co-digestion of wastewater sludge using common components analysis. <i>PLoS ONE</i> , 2020, 15, e0232324.	2.5	18
6	Compression of multidimensional NMR spectra allows a faster and more accurate analysis of complex samples. <i>Chemical Communications</i> , 2018, 54, 3090-3093.	4.1	17
7	Comparative analysis of ¹ H NMR and ¹ H- ¹³ C HSQC NMR metabolomics to understand the effects of medium composition in yeast growth. <i>Analytical Chemistry</i> , 2018, 90, 12422-12430.	6.5	16
8	Applications of Metabolomics Analysis in Environmental Research. <i>Comprehensive Analytical Chemistry</i> , 2018, 82, 533-582.	1.3	15
9	Untargeted assignment and automatic integration of ¹ H NMR metabolomic datasets using a multivariate curve resolution approach. <i>Analytica Chimica Acta</i> , 2017, 964, 55-66.	5.4	14
10	Deciphering the Underlying Metabolomic and Lipidomic Patterns Linked to Thermal Acclimation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Proteome Research</i> , 2018, 17, 2034-2044.	3.7	14
11	Integrative Analyses to Investigate the Link between Microbial Activity and Metabolite Degradation during Anaerobic Digestion. <i>Journal of Proteome Research</i> , 2020, 19, 3981-3992.	3.7	14
12	Targeting redox metabolism: the perfect storm induced by acrylamide poisoning in the brain. <i>Scientific Reports</i> , 2020, 10, 312.	3.3	14
13	Assessment of substrate biodegradability improvement in anaerobic Co-digestion using a chemometrics-based metabolomic approach. <i>Chemosphere</i> , 2020, 254, 126812.	8.2	11
14	Effect of ammonia exposure and acclimation on the performance and the microbiome of anaerobic digestion. <i>Bioresource Technology Reports</i> , 2020, 11, 100488.	2.7	10
15	MCR-ALS analysis of ¹ H NMR spectra by segments to study the zebrafish exposure to acrylamide. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5695-5706.	3.7	10
16	Metataxonomics, metagenomics and metabolomics analysis of the influence of temperature modification in full-scale anaerobic digesters. <i>Bioresource Technology</i> , 2022, 346, 126612.	9.6	10
17	Unraveling the Multistimuli Responses of a Complex Dynamic System of Pseudopeptidic Macrocycles. <i>Chemistry - A European Journal</i> , 2017, 23, 10702-10702.	3.3	4
18	Rearrangement of incomplete multi-omics datasets combined with ComDim for evaluating replicate cross-platform variability and batch influence. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021, 218, 104422.	3.5	3

#	ARTICLE	IF	CITATIONS
19	A longitudinal study of the effect of temperature modification in full-scale anaerobic digesters â€” dataset combining 16S rDNA gene sequencing, metagenomics, and metabolomics data. Data in Brief, 2022, 41, 107960.	1.0	0