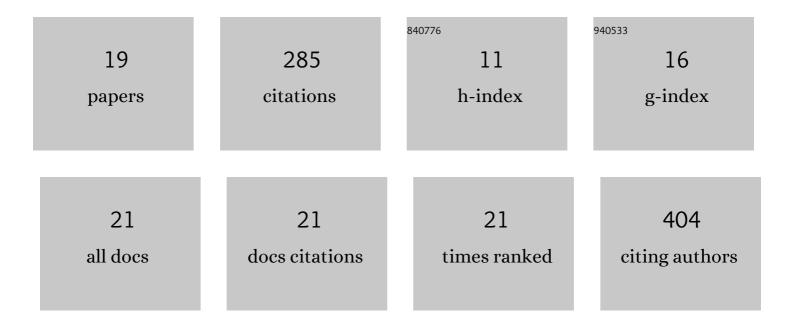
Francesc Puig-CastellvÃ-

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Detection of chocolate powder adulteration with peanut using near-infrared hyperspectral imaging and Multivariate Curve Resolution. Food Control, 2021, 119, 107454.	5.5	36
2	1H NMR metabolomic study of auxotrophic starvation in yeast using Multivariate Curve Resolution-Alternating Least Squares for Pathway Analysis. Scientific Reports, 2016, 6, 30982.	3.3	31
3	A quantitative 1H NMR approach for evaluating the metabolic response of Saccharomyces cerevisiae to mild heat stress. Metabolomics, 2015, 11, 1612-1625.	3.0	25
4	Unraveling the Multistimuli Responses of a Complex Dynamic System of Pseudopeptidic Macrocycles. Chemistry - A European Journal, 2017, 23, 10789-10799.	3.3	22
5	Assessment of the microbial interplay during anaerobic co-digestion of wastewater sludge using common components analysis. PLoS ONE, 2020, 15, e0232324.	2.5	18
6	Compression of multidimensional NMR spectra allows a faster and more accurate analysis of complex samples. Chemical Communications, 2018, 54, 3090-3093.	4.1	17
7	Comparative analysis of1H NMR and1H–13C HSQC NMR metabolomics to understand the effects of medium composition in yeast growth. Analytical Chemistry, 2018, 90, 12422-12430.	6.5	16
8	Applications of Metabolomics Analysis in Environmental Research. Comprehensive Analytical Chemistry, 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. Analytica Chimica Acta, 2017, 964, 55-66.	5.4	14
10	Deciphering the Underlying Metabolomic and Lipidomic Patterns Linked to Thermal Acclimation in <i>Saccharomyces cerevisiae</i> . Journal of Proteome Research, 2018, 17, 2034-2044.	3.7	14
11	Integrative Analyses to Investigate the Link between Microbial Activity and Metabolite Degradation during Anaerobic Digestion. Journal of Proteome Research, 2020, 19, 3981-3992.	3.7	14
12	Targeting redox metabolism: the perfect storm induced by acrylamide poisoning in the brain. Scientific Reports, 2020, 10, 312.	3.3	14
13	Assessment of substrate biodegradability improvement in anaerobic Co-digestion using a chemometrics-based metabolomic approach. Chemosphere, 2020, 254, 126812.	8.2	11
14	Effect of ammonia exposure and acclimation on the performance and the microbiome of anaerobic digestion. Bioresource Technology Reports, 2020, 11, 100488.	2.7	10
15	MCR-ALS analysis of 1H NMR spectra by segments to study the zebrafish exposure to acrylamide. Analytical and Bioanalytical Chemistry, 2020, 412, 5695-5706.	3.7	10
16	Metataxonomics, metagenomics and metabolomics analysis of the influence of temperature modification in full-scale anaerobic digesters. Bioresource Technology, 2022, 346, 126612.	9.6	10
17	Unraveling the Multistimuli Responses of a Complex Dynamic System of Pseudopeptidic Macrocycles. Chemistry - A European Journal, 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. Chemometrics and Intelligent Laboratory Systems, 2021, 218, 104422.	3.5	3

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