

Francesco Savorani

List of Publications by Year in descending order

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46
papers

2,398
citations

279487

23
h-index

243296

44
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47
all docs

47
docs citations

47
times ranked

3657
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring of the Rioja red wine production process by ¹ H-NMR spectroscopy. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 3808-3816.	1.7	5
2	Chemometric Differentiation of Sole and Plaice Fish Fillets Using Three Near-Infrared Instruments. <i>Foods</i> , 2022, 11, 1643.	1.9	7
3	Differentiation between Fresh and Thawed Cephalopods Using NIR Spectroscopy and Multivariate Data Analysis. <i>Foods</i> , 2021, 10, 528.	1.9	23
4	A Metabolomic Approach to Beer Characterization. <i>Molecules</i> , 2021, 26, 1472.	1.7	17
5	A Contribution to the Harmonization of Non-targeted NMR Methods for Data-Driven Food Authenticity Assessment. <i>Food Analytical Methods</i> , 2020, 13, 530-541.	1.3	21
6	Human urine ¹ H NMR metabolomics reveals alterations of protein and carbohydrate metabolism when comparing habitual Average Danish diet vs. healthy New Nordic diet. <i>Nutrition</i> , 2020, 79-80, 110867.	1.1	11
7	Biomarkers of Individual Foods, and Separation of Diets Using Untargeted LC-MS-based Plasma Metabolomics in a Randomized Controlled Trial. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800215.	1.5	34
8	Investigation of Variations in the Human Urine Metabolome amongst European Populations: An Exploratory Search for Biomarkers of People at Risk of Poverty. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800216.	1.5	10
9	Data fusion approaches in spectroscopic characterization and classification of PDO wine vinegars. <i>Talanta</i> , 2019, 198, 560-572.	2.9	61
10	Fused adjacency matrices to enhance information extraction: The beer benchmark. <i>Analytica Chimica Acta</i> , 2019, 1061, 70-83.	2.6	10
11	Determination of the geographical origin of green coffee beans using NIR spectroscopy and multivariate data analysis. <i>Food Control</i> , 2019, 99, 137-145.	2.8	102
12	Simultaneous classification of multiple classes in NMR metabolomics and vibrational spectroscopy using interval-based classification methods: iECVA vs iPLS-DA. <i>Analytica Chimica Acta</i> , 2018, 1021, 20-27.	2.6	6
13	Kinetic modeling of hazelnut drying: Effects of different cultivars and drying parameters. <i>Journal of Food Process Engineering</i> , 2018, 41, e12632.	1.5	6
14	Development of an automated method for the identification of defective hazelnuts based on RGB image analysis and colourgrams. <i>Food Control</i> , 2018, 94, 233-240.	2.8	38
15	NMR Foodomics. <i>New Developments in NMR</i> , 2018, , 183-245.	0.1	4
16	Forecasting Chronic Diseases Using Data Fusion. <i>Journal of Proteome Research</i> , 2017, 16, 2435-2444.	1.8	12
17	The Effect of Season on the Metabolic Profile of the European Clam <i>Ruditapes decussatus</i> as Studied by ¹ H-NMR Spectroscopy. <i>Metabolites</i> , 2017, 7, 36.	1.3	7
18	Development of an Optimized Protocol for NMR Metabolomics Studies of Human Colon Cancer Cell Lines and First Insight from Testing of the Protocol Using DNA G-Quadruplex Ligands as Novel Anti-Cancer Drugs. <i>Metabolites</i> , 2016, 6, 4.	1.3	21

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19	Data on the changes of the mussels ³ metabolic profile under different cold storage conditions. Data in Brief, 2016, 7, 951-957.	0.5	6
20	Metabolic responses of clams, <i>Ruditapes decussatus</i> and <i>Ruditapes philippinarum</i> , to short-term exposure to lead and zinc. Marine Pollution Bulletin, 2016, 107, 292-299.	2.3	11
21	New Nordic Diet versus Average Danish Diet: A Randomized Controlled Trial Revealed Healthy Long-Term Effects of the New Nordic Diet by GC-MS Blood Plasma Metabolomics. Journal of Proteome Research, 2016, 15, 1939-1954.	1.8	61
22	Metabolic changes of genetically engineered grapes (<i>Vitis vinifera</i> L.) studied by 1H-NMR, metabolite heatmaps and iPLS. Metabolomics, 2016, 12, 1.	1.4	6
23	Metabolomics analysis of shucked mussels' freshness. Food Chemistry, 2016, 205, 58-65.	4.2	45
24	Forecasting individual breast cancer risk using plasma metabolomics and biocontours. Metabolomics, 2015, 11, 1376-1380.	1.4	54
25	Targeting G-Quadruplex DNA Structures by EMICORON Has a Strong Antitumor Efficacy against Advanced Models of Human Colon Cancer. Molecular Cancer Therapeutics, 2015, 14, 2541-2551.	1.9	27
26	1H NMR Spectroscopy of Lipoproteins-When Size Matters. Special Publication - Royal Society of Chemistry, 2015, , 211-223.	0.0	0
27	New insights from a β -glucan human intervention study using NMR metabolomics. Food Research International, 2014, 63, 210-217.	2.9	10
28	Understanding data fusion within the framework of coupled matrix and tensor factorizations. Chemometrics and Intelligent Laboratory Systems, 2013, 129, 53-63.	1.8	80
29	Data fusion in metabolomic cancer diagnostics. Metabolomics, 2013, 9, 3-8.	1.4	49
30	Alignment of 1D NMR Data using the iCoshift Tool: A Tutorial. Special Publication - Royal Society of Chemistry, 2013, , 14-24.	0.0	8
31	A primer to nutritional metabolomics by NMR spectroscopy and chemometrics. Food Research International, 2013, 54, 1131-1145.	2.9	82
32	Flaxseed dietary fibers suppress postprandial lipemia and appetite sensation in young men. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 136-143.	1.1	67
33	A NMR metabolomics study of the ripening process of the Fiore Sardo cheese produced with autochthonous adjunct cultures. Food Chemistry, 2013, 141, 2137-2147.	4.2	79
34	Interval-Based Chemometric Methods in NMR Foodomics. Data Handling in Science and Technology, 2013, 28, 449-486.	3.1	10
35	Effect of trans Fatty Acid Intake on LC-MS and NMR Plasma Profiles. PLoS ONE, 2013, 8, e69589.	1.1	23
36	Investigations of La Rioja Terroir for Wine Production Using ¹ H NMR Metabolomics. Journal of Agricultural and Food Chemistry, 2012, 60, 3452-3461.	2.4	121

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37	Assessment of the Effect of High or Low Protein Diet on the Human Urine Metabolome as Measured by NMR. <i>Nutrients</i> , 2012, 4, 112-131.	1.7	74
38	Assessment of dietary exposure related to dietary GI and fibre intake in a nutritional metabolomic study of human urine. <i>Genes and Nutrition</i> , 2012, 7, 281-293.	1.2	41
39	Metabolomics as a Powerful Tool for Molecular Quality Assessment of the Fish <i>Sparus aurata</i> . <i>Nutrients</i> , 2011, 3, 212-227.	1.7	60
40	icoshift: An effective tool for the alignment of chromatographic data. <i>Journal of Chromatography A</i> , 2011, 1218, 7832-7840.	1.8	203
41	Standardization of factors that influence human urine metabolomics. <i>Metabolomics</i> , 2011, 7, 71-83.	1.4	64
42	NMR and interval PLS as reliable methods for determination of cholesterol in rodent lipoprotein fractions. <i>Metabolomics</i> , 2010, 6, 129-136.	1.4	25
43	icoshift: A versatile tool for the rapid alignment of 1D NMR spectra. <i>Journal of Magnetic Resonance</i> , 2010, 202, 190-202.	1.2	696
44	Metabolic profiling and aquaculture differentiation of gilthead sea bream by ¹ H NMR metabonomics. <i>Food Chemistry</i> , 2010, 120, 907-914.	4.2	61
45	High throughput prediction of chylomicron triglycerides in human plasma by nuclear magnetic resonance and chemometrics. <i>Nutrition and Metabolism</i> , 2010, 7, 43.	1.3	31
46	Paramagnetic Challenges in NMR Measurements of Foods. <i>Special Publication - Royal Society of Chemistry</i> , 0, , 113-123.	0.0	1