Panagiotis Arapitsas

List of Publications by Year
in descending order

49 papers	2,573 citations	257357 24 h-index	197736 49 g-index
50 all docs	50 docs citations	50 times ranked	3639 citing authors

#	Article	IF	Citations
1	Transcriptome and metabolite profiling reveals that prolonged drought modulates the phenylpropanoid and terpenoid pathway in white grapes (Vitis vinifera L.). BMC Plant Biology, 2016, 16, 67.	1.6	269
2	Advanced Knowledge of Three Important Classes of Grape Phenolics: Anthocyanins, Stilbenes and Flavonols. International Journal of Molecular Sciences, 2013, 14, 19651-19669.	1.8	266
3	Antimicrobial and Antiviral Activity of Hydrolysable Tannins. Mini-Reviews in Medicinal Chemistry, 2008, 8, 1179-1187.	1.1	241
4	Identification and quantification of polyphenolic compounds from okra seeds and skins. Food Chemistry, 2008, 110, 1041-1045.	4.2	169
5	Hydrolyzable tannin analysis in food. Food Chemistry, 2012, 135, 1708-1717.	4.2	152
6	Artificial aging of wines using oak chips. Food Chemistry, 2004, 86, 563-570.	4.2	118
7	Pressurized solvent extraction and monolithic column-HPLC/DAD analysis of anthocyanins in red cabbage. Talanta, 2008, 74, 1218-1223.	2.9	106
8	Characterisation of anthocyanins in red cabbage using high resolution liquid chromatography coupled with photodiode array detection and electrospray ionization-linear ion trap mass spectrometry. Food Chemistry, 2008, 109, 219-226.	4.2	103
9	Study of Sangiovese Wines Pigment Profile by UHPLC-MS/MS. Journal of Agricultural and Food Chemistry, 2012, 60, 10461-10471.	2.4	84
10	The influence of storage on the â€œchemical ageâ€• of red wines. Metabolomics, 2014, 10, 816-832.	1.4	84
11	A Metabolomic Approach to the Study of Wine Micro-Oxygenation. PLoS ONE, 2012, 7, e37783.	1.1	80
12	Metabolite profiling of red and blue potatoes revealed cultivar and tissue specific patterns for anthocyanins and other polyphenols. Planta, 2017, 246, 281-297.	1.6	74
13	LC-MS based global metabolite profiling of grapes: solvent extraction protocol optimisation. Metabolomics, 2012, 8, 175-185.	1.4	72
14	Wine metabolomics reveals new sulfonated products in bottled white wines, promoted by small amounts of oxygen. Journal of Chromatography A, 2016, 1429, 155-165.	1.8	67
15	Analysis of the phenolic composition of fungusâ€resistant grape varieties cultivated in Italy and Germany using UHPLCâ€MS/MS. Journal of Mass Spectrometry, 2014, 49, 860-869.	0.7	58
16	Studying the effect of storage conditions on the metabolite content of red wine using HILIC LCâ€“MS based metabolomics. Food Chemistry, 2016, 197, 1331-1340.	4.2	52
17	The impact of SO2 on wine flavanols and indoles in relation to wine style and age. Scientific Reports, 2018, 8, 858.	1.6	51
18	Hydrolyzable Tannins with the Hexahydroxydiphenoyl Unit and the m-Depsidic Link:â€‰ HPLC-DAD-MS Identification and Model Synthesis. Journal of Agricultural and Food Chemistry, 2007, 55, 48-55.	2.4	45

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19	Use of Untargeted Liquid Chromatographyâ€“Mass Spectrometry Metabolome To Discriminate Italian Monovarietal Red Wines, Produced in Their Different Terroirs. Journal of Agricultural and Food Chemistry, 2020, 68, 13353-13366.	2.4	41
20	Monoâ€galloyl glucose derivatives are potent poly(ADPâ€ribose) glycohydrolase (PARG) inhibitors and partially reduce PARPâ€1â€dependent cell death. British Journal of Pharmacology, 2008, 155, 1235-1249.	2.7	39
21	Do white grapes really exist?. Food Research International, 2015, 69, 21-25.	2.9	35
22	Early <i>versus</i> late leaf removal strategies for Pinot Noir (<i>Vitis vinifera</i> L.): effect on colourâ€related phenolics in young wines following alcoholic fermentation. Journal of the Science of Food and Agriculture, 2013, 93, 3670-3681.	1.7	30
23	MetaDB a Data Processing Workflow in Untargeted MS-Based Metabolomics Experiments. Frontiers in Bioengineering and Biotechnology, 2014, 2, 72.	2.0	29
24	Constructing a mass measurement error surface to improve automatic annotations in liquid chromatography/mass spectrometry based metabolomics. Rapid Communications in Mass Spectrometry, 2013, 27, 2425-2431.	0.7	25
25	<i>Saccharomyces cerevisiae</i> and <i>Torulaspora delbrueckii</i> Intra- and Extra-Cellular Aromatic Amino Acids Metabolism. Journal of Agricultural and Food Chemistry, 2019, 67, 7942-7953.	2.4	25
26	Diversity of Italian red wines: A study by enological parameters, color, and phenolic indices. Food Research International, 2021, 143, 110277.	2.9	18
27	Exploring Olfactoryâ€“Oral Cross-Modal Interactions through Sensory and Chemical Characteristics of Italian Red Wines. Foods, 2020, 9, 1530.	1.9	17
28	Influence of Storage Conditions on the Composition of Red Wines. ACS Symposium Series, 2015, , 29-49.	0.5	16
29	Modulating Wine Aromatic Amino Acid Catabolites by Using Torulaspora delbrueckii in Sequentially Inoculated Fermentations or Saccharomyces cerevisiae Alone. Microorganisms, 2020, 8, 1349.	1.6	16
30	Multivariate characterisation of Italian monovarietal red wines using MIR spectroscopy. Oeno One, 2019, 53, .	0.7	16
31	Grapevine and Wine Metabolomics-Based Guidelines for FAIR Data and Metadata Management. Metabolites, 2021, 11, 757.	1.3	16
32	Liquid Chromatographyâ€“Mass Spectrometry-Based Metabolomics for Understanding the Compositional Changes Induced by Oxidative or Anoxic Storage of Red Wines. Journal of Agricultural and Food Chemistry, 2020, 68, 13367-13379.	2.4	15
33	LCâ€“MS untargeted approach showed that methyl jasmonate application on Vitis labrusca L. grapes increases phenolics at subtropical Brazilian regions. Metabolomics, 2020, 16, 18.	1.4	15
34	The Metabolomic-Gut-Clinical Axis of Mankai Plant-Derived Dietary Polyphenols. Nutrients, 2021, 13, 1866.	1.7	14
35	O-Methylglucogalloyl esters: Synthesis and evaluation of their antimycotic activity. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4000-4003.	1.0	13
36	White wine light-strike fault: A comparison between flint and green glass bottles under the typical supermarket conditions. Food Packaging and Shelf Life, 2020, 24, 100492.	3.3	13

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37	Kinetic investigations of sulfite addition to flavanols. Scientific Reports, 2020, 10, 12792.	1.6	12
38	Cluster Thinning and Vineyard Site Modulate the Metabolomic Profile of Ribolla Gialla Base and Sparkling Wines. Metabolites, 2021, 11, 331.	1.3	11
39	Improving the Phloroglucinolysis Protocol and Characterization of Sagrantino Wines Proanthocyanidins. Molecules, 2021, 26, 1087.	1.7	10
40	Modeling grape taste and mouthfeel from chemical composition. Food Chemistry, 2022, 371, 131168.	4.2	10
41	LC-MS Untargeted Protocol for the Analysis of Wine. Methods in Molecular Biology, 2018, 1738, 225-235.	0.4	8
42	Measurement of the Effect of Accelerated Aging on the Aromatic Compounds of GewÃ¼rztraminer and Teroldego Wines, Using a SPE-GC-MS/MS Protocol. Metabolites, 2022, 12, 180.	1.3	8
43	Comparative Metabolite and Gene Expression Analyses in Combination With Gene Characterization Revealed the Patterns of Flavonoid Accumulation During Cistus creticus subsp. creticus Fruit Development. Frontiers in Plant Science, 2021, 12, 619634.	1.7	7
44	Flint glass bottles cause white wine aroma identity degradation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	7
45	Discovery of A-type procyanidin dimers in yellow raspberries by untargeted metabolomics and correlation based data analysis. Metabolomics, 2016, 12, 144.	1.4	6
46	Investigation of Brazilian grape juice metabolomic profile changes caused by methyl jasmonate preâ€harvest treatment. International Journal of Food Science and Technology, 2023, 58, 3224-3233.	1.3	4
47	LCâ€“MS-Based Metabolomics Discriminates Premium from Standard Chilean cv. Cabernet Sauvignon Wines from Different Valleys. Metabolites, 2021, 11, 829.	1.3	3
48	H/D Exchange Processes in Flavonoids: Kinetics and Mechanistic Investigations. Molecules, 2021, 26, 3544.	1.7	2
49	In Vitro Synergistic Anti-yeast Activity between Galloyl Derivatives and Amphotericin B. Natural Products Journal, 2013, 3, 131-139.	0.1	1