

Antônio S Barros

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6751700/publications.pdf>

Version: 2024-02-01

165
papers

6,069
citations

53794

45
h-index

91884

69
g-index

170
all docs

170
docs citations

170
times ranked

8206
citing authors

#	ARTICLE	IF	CITATIONS
1	Urocortin-2 in Acute Heart Failure: Role as a Marker of Volume Overload and Pulmonary Hypertension. <i>Current Problems in Cardiology</i> , 2022, 47, 100860.	2.4	3
2	Multiple versus single arterial grafting in the elderly: a meta-analysis of randomized controlled trials and propensity score studies. <i>Journal of Cardiovascular Surgery</i> , 2022, 63, .	0.6	3
3	A systematic review and meta-analysis of randomized controlled studies comparing off-pump versus on-pump coronary artery bypass grafting in the elderly. <i>Journal of Cardiovascular Surgery</i> , 2022, 63, .	0.6	6
4	Sex differences in circulating proteins of patients with rheumatoid arthritis: A cohort study. <i>International Journal of Rheumatic Diseases</i> , 2022, 25, 669-677.	1.9	3
5	Application of Proteogenomics to Urine Analysis towards the Identification of Novel Biomarkers of Prostate Cancer: An Exploratory Study. <i>Cancers</i> , 2022, 14, 2001.	3.7	8
6	Decoding the radiomic and proteomic phenotype of epicardial adipose tissue associated with adverse left atrial remodelling and post-operative atrial fibrillation in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1248-1259.	1.2	4
7	Tracking Prostate Carcinogenesis over Time through Urine Proteome Profiling in an Animal Model: An Exploratory Approach. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7560.	4.1	0
8	Prevalence, risk factors and proteomic bioprofiles associated with heart failure in rheumatoid arthritis: The RA-HF study. <i>European Journal of Internal Medicine</i> , 2021, 85, 41-49.	2.2	11
9	Exploratory analysis of large-scale lipidome in large cohorts: are we any closer of finding lipid-based markers suitable for CVD risk stratification and management?. <i>Analytica Chimica Acta</i> , 2021, 1142, 189-200.	5.4	7
10	Lipidomics in Cardiovascular Diseases. , 2021, , 454-467.		2
11	Exosome-Derived Mediators as Potential Biomarkers for Cardiovascular Diseases: A Network Approach. <i>Proteomes</i> , 2021, 9, 8.	3.5	21
12	Gastric microbiome profile throughout gastric carcinogenesis: beyond helicobacter. <i>Scandinavian Journal of Gastroenterology</i> , 2021, 56, 708-716.	1.5	10
13	Mining the Biomarker Potential of the Urine Peptidome: From Amino Acids Properties to Proteases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5940.	4.1	10
14	Assessing the influence of perfusion on cardiac microtissue maturation: A heart-on-a-chip platform embedding peristaltic pump capabilities. <i>Biotechnology and Bioengineering</i> , 2021, 118, 3128-3137.	3.3	14
15	Serum microRNAs and antifibrotic response to eplerenone in acute myocardial infarction complicated by systolic dysfunction. <i>International Journal of Cardiology</i> , 2021, 332, 35-37.	1.7	4
16	Characterization of the Striatal Extracellular Matrix in a Mouse Model of Parkinson's Disease. <i>Antioxidants</i> , 2021, 10, 1095.	5.1	3
17	Clinical Research in Cardiovascular Disease using Metabolomics. , 2021, , 468-479.		0
18	Frailty-Independent Undertreatment Negative Impact on Survival in Older Patients With Breast Cancer. <i>Journal of Breast Cancer</i> , 2021, 24, 542.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Histological and haemodynamic characterization of right ventricle in sedentary and trained rats with heart failure with preserved ejection fraction. <i>Experimental Physiology</i> , 2021, 106, 2457-2471.	2.0	2
20	Pseudo-patella baja after total knee arthroplasty: Radiological evaluation and clinical repercussion. <i>Knee</i> , 2021, 33, 334-341.	1.6	4
21	Determinants of anti-fibrotic response to mineralocorticoid receptor antagonist therapy: insights from the Eplerenone Post-Acute Myocardial Infarction Heart Failure Efficacy and Survival Study (EPHESUS) and Early Eplerenone Treatment in Patients with Acute ST-elevation Myocardial Infarction without Heart Failure (REMINDER) trials. <i>Clinical Research in Cardiology</i> , 2020, 109, 194-204.	3.3	19
22	Epicardial adipose tissue volume and annexin A2/fetuin-A signalling are linked to coronary calcification in advanced coronary artery disease: Computed tomography and proteomic biomarkers from the EPICHEART study. <i>Atherosclerosis</i> , 2020, 292, 75-83.	0.8	25
23	Influence of EPICardial adipose tissue in HEART diseases (EPICHEART) study: Protocol for a translational study in coronary atherosclerosis. <i>Revista Portuguesa De Cardiologia</i> , 2020, 39, 625-633.	0.5	2
24	Multiple versus single arterial grafting in coronary artery bypass grafting: A meta-analysis of randomized controlled trials and propensity score studies. <i>International Journal of Cardiology</i> , 2020, 320, 55-63.	1.7	11
25	Risk Factors for Recoarctation and Mortality in Infants Submitted to Aortic Coarctation Repair: A Systematic Review. <i>Pediatric Cardiology</i> , 2020, 41, 561-575.	1.3	22
26	Early dual antiplatelet therapy versus aspirin monotherapy after coronary artery bypass surgery: survival and safety outcomes. <i>Journal of Cardiovascular Surgery</i> , 2020, 61, 662-672.	0.6	1
27	Influence of EPICardial adipose tissue in HEART diseases (EPICHEART) study: Protocol for a translational study in coronary atherosclerosis. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2020, 39, 625-633.	0.2	0
28	Early And Midterm Outcomes Following Aortic Valve Replacement With Mechanical Versus Bioprosthetic Valves In Patients Aged 50 To 70 Years. <i>Revista Portuguesa De Cirurgia Cardio-torácica E Vascular: Órgão Oficial Da Sociedade Portuguesa De Cirurgia Cardio-Torácica E Vascular</i> , 2020, 27, 179-189.	0.1	0
29	Urine Nuclear Magnetic Resonance (NMR) Metabolomics in Age-Related Macular Degeneration. <i>Journal of Proteome Research</i> , 2019, 18, 1278-1288.	3.7	15
30	FGF2 induces breast cancer growth through ligand-independent activation and recruitment of ERK and PRB1 ⁴ isoform to MYC regulatory sequences. <i>International Journal of Cancer</i> , 2019, 145, 1874-1888.	5.1	43
31	Assessing Exposome Effects on Pregnancy through Urine Metabolomics of a Portuguese (Estarreja) Cohort. <i>Journal of Proteome Research</i> , 2018, 17, 1278-1289.	3.7	12
32	Collagen biomarker bioprofiles predicting the antifibrotic response to eplerenone in myocardial infarction: findings from the REMINDER trial. <i>Clinical Research in Cardiology</i> , 2018, 107, 1192-1195.	3.3	4
33	Survival after bilateral internal mammary artery in coronary artery bypass grafting: Are women at risk?. <i>International Journal of Cardiology</i> , 2018, 270, 89-95.	1.7	8
34	Reviewing Mechanistic Peptidomics in Body Fluids Focusing on Proteases. <i>Proteomics</i> , 2018, 18, e1800187.	2.2	18
35	Intestinal Microbial and Metabolic Profiling of Mice Fed with High-Glucose and High-Fructose Diets. <i>Journal of Proteome Research</i> , 2018, 17, 2880-2891.	3.7	21
36	Quinones as Strecker degradation reagents in wine oxidation processes. <i>Food Chemistry</i> , 2017, 228, 618-624.	8.2	22

#	ARTICLE	IF	CITATIONS
37	Gender differences in the association of epicardial adipose tissue and coronary artery calcification: EPICHEART study. <i>International Journal of Cardiology</i> , 2017, 249, 419-425.	1.7	30
38	From the Cover: Metabolism Modulation in Different Organs by Silver Nanoparticles: An NMR Metabolomics Study of a Mouse Model. <i>Toxicological Sciences</i> , 2017, 159, 422-435.	3.1	48
39	Association of body mass index and visceral fat with aortic valve calcification and mortality after transcatheter aortic valve replacement: the obesity paradox in severe aortic stenosis. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 86.	2.7	18
40	Human plasma metabolomics in age-related macular degeneration (AMD) using nuclear magnetic resonance spectroscopy. <i>PLoS ONE</i> , 2017, 12, e0177749.	2.5	51
41	Study of quinones reactions with wine nucleophiles by cyclic voltammetry. <i>Food Chemistry</i> , 2016, 211, 1-7.	8.2	19
42	Characterization of 2,3-diaryl-xanthenes by electrospray mass spectrometry: gas-phase chemistry versus known antioxidant activity properties. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2228-2236.	1.5	3
43	Nuclear Magnetic Resonance metabolomics reveals an excretory metabolic signature of renal cell carcinoma. <i>Scientific Reports</i> , 2016, 6, 37275.	3.3	36
44	Quantification of 3-deoxyglucosone (3DG) as an aging marker in natural and forced aged wines. <i>Journal of Food Composition and Analysis</i> , 2016, 50, 70-76.	3.9	23
45	Metabolic profiling of maternal urine can aid clinical management of gestational diabetes mellitus. <i>Metabolomics</i> , 2016, 12, 1.	3.0	9
46	Newborn Urinary Metabolic Signatures of Prematurity and Other Disorders: A Case Control Study. <i>Journal of Proteome Research</i> , 2016, 15, 311-325.	3.7	24
47	Evaluation of the Potential of Mid-Infrared Spectroscopy to Assess the Microbiological Quality of Ham. <i>Journal of Food Safety</i> , 2015, 35, 270-275.	2.3	7
48	Exploratory urinary metabolomic profiling of renal cell carcinoma using ¹ H NMR spectroscopy and multivariate analysis. <i>Toxicology Letters</i> , 2015, 238, S233-S234.	0.8	0
49	Following Healthy Pregnancy by NMR Metabolomics of Plasma and Correlation to Urine. <i>Journal of Proteome Research</i> , 2015, 14, 1263-1274.	3.7	72
50	Cross-species comparison of mammalian saliva using an LC-MALDI based proteomic approach. <i>Proteomics</i> , 2015, 15, 1598-1607.	2.2	44
51	Comparative proteomic analyses of urine from rat urothelial carcinoma chemically induced by exposure to N-butyl-N-(4-hydroxybutyl)-nitrosamine. <i>Molecular BioSystems</i> , 2015, 11, 1594-1602.	2.9	8
52	Impact of fetal chromosomal disorders on maternal blood metabolome: toward new biomarkers?. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 841.e1-841.e15.	1.3	18
53	Prediction of Gestational Diabetes through NMR Metabolomics of Maternal Blood. <i>Journal of Proteome Research</i> , 2015, 14, 2696-2706.	3.7	70
54	Influence of the temperature and oxygen exposure in red Port wine: A kinetic approach. <i>Food Research International</i> , 2015, 75, 337-347.	6.2	52

#	ARTICLE	IF	CITATIONS
55	NMR metabolomics of human lung tumours reveals distinct metabolic signatures for adenocarcinoma and squamous cell carcinoma. <i>Carcinogenesis</i> , 2015, 36, 68-75.	2.8	75
56	Can volatile organic compounds be markers of sea salt?. <i>Food Chemistry</i> , 2015, 169, 102-113.	8.2	11
57	Evaluation of Beer Deterioration by Gas Chromatography-Mass Spectrometry/Multivariate Analysis. , 2014, , 435-440.		0
58	Urinary metabolomic changes as a predictive biomarker of asthma exacerbation. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 261-263.e5.	2.9	63
59	Changes in the metabolome of lettuce leaves due to exposure to mancozeb pesticide. <i>Food Chemistry</i> , 2014, 154, 291-298.	8.2	54
60	Pursuing type 1 diabetes mellitus and related complications through urinary proteomics. <i>Translational Research</i> , 2014, 163, 188-199.	5.0	33
61	Lifelong Exercise Training Modulates Cardiac Mitochondrial Phosphoproteome in Rats. <i>Journal of Proteome Research</i> , 2014, 13, 2045-2055.	3.7	20
62	Three mammal species distinction through the analysis of cats chemical composition provided by comprehensive two-dimensional gas chromatography. <i>Biochemical Systematics and Ecology</i> , 2014, 55, 46-52.	1.3	5
63	An integrated perspective and functional impact of the mitochondrial acetylome. <i>Expert Review of Proteomics</i> , 2014, 11, 383-394.	3.0	14
64	Establishment of the varietal profile of <i>Vitis vinifera</i> L. grape varieties from different geographical regions based on HS-SPME/GC-qMS combined with chemometric tools. <i>Microchemical Journal</i> , 2014, 116, 107-117.	4.5	31
65	Following Healthy Pregnancy by Nuclear Magnetic Resonance (NMR) Metabolic Profiling of Human Urine. <i>Journal of Proteome Research</i> , 2013, 12, 969-979.	3.7	50
66	Mid-infrared (MIR) metabolic fingerprinting of amniotic fluid: A possible avenue for early diagnosis of prenatal disorders?. <i>Analytica Chimica Acta</i> , 2013, 764, 24-31.	5.4	26
67	Second Trimester Maternal Urine for the Diagnosis of Trisomy 21 and Prediction of Poor Pregnancy Outcomes. <i>Journal of Proteome Research</i> , 2013, 12, 2946-2957.	3.7	68
68	Can Volatile Organic Metabolites Be Used to Simultaneously Assess Microbial and Mite Contamination Level in Cereal Grains and Coffee Beans?. <i>PLoS ONE</i> , 2013, 8, e59338.	2.5	21
69	Recuperaço Ps-Operatria de Sangue em Doentes Submetidos a Artroplastias Totais do Joelho ou da Anca. <i>Acta Medica Portuguesa</i> , 2013, 26, 511.	0.4	1
70	Allergic asthma exhaled breath metabolome: A challenge for comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2012, 1254, 87-97.	3.7	106
71	Salivary peptidome in type 1 diabetes mellitus. <i>Biomedical Chromatography</i> , 2012, 26, 571-582.	1.7	24
72	Lifestyle influences human sperm functional quality. <i>Asian Pacific Journal of Reproduction</i> , 2012, 1, 224-230.	0.4	1

#	ARTICLE	IF	CITATIONS
73	Evaluation of different extraction procedures for salivary peptide analysis. <i>Talanta</i> , 2012, 94, 209-215.	5.5	28
74	Can Biofluids Metabolic Profiling Help to Improve Healthcare during Pregnancy?. <i>Spectroscopy</i> , 2012, 27, 515-523.	0.8	10
75	UPLC-MS metabolic profiling of second trimester amniotic fluid and maternal urine and comparison with NMR spectral profiling for the identification of pregnancy disorder biomarkers. <i>Molecular BioSystems</i> , 2012, 8, 1243.	2.9	94
76	In-Depth Search Focused on Furans, Lactones, Volatile Phenols, and Acetals As Potential Age Markers of Madeira Wines by Comprehensive Two-Dimensional Gas Chromatography with Time-of-Flight Mass Spectrometry Combined with Solid Phase Microextraction. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3186-3204.	5.2	78
77	Metabolic Signatures of Lung Cancer in Biofluids: NMR-Based Metabonomics of Urine. <i>Journal of Proteome Research</i> , 2011, 10, 221-230.	3.7	205
78	Metabolic Signatures of Lung Cancer in Biofluids: NMR-Based Metabonomics of Blood Plasma. <i>Journal of Proteome Research</i> , 2011, 10, 4314-4324.	3.7	154
79	Metabolic Biomarkers of Prenatal Disorders: An Exploratory NMR Metabonomics Study of Second Trimester Maternal Urine and Blood Plasma. <i>Journal of Proteome Research</i> , 2011, 10, 3732-3742.	3.7	144
80	Probing beer aging chemistry by nuclear magnetic resonance and multivariate analysis. <i>Analytica Chimica Acta</i> , 2011, 702, 178-187.	5.4	45
81	High pressure treatments largely avoid/revert decrease of cooked sorghum protein digestibility when applied before/after cooking. <i>LWT - Food Science and Technology</i> , 2011, 44, 1245-1249.	5.2	28
82	Optimisation of solid-phase microextraction combined with gas chromatography-mass spectrometry based methodology to establish the global volatile signature in pulp and skin of <i>Vitis vinifera</i> L. grape varieties. <i>Talanta</i> , 2011, 85, 1483-1493.	5.5	63
83	Evaluation of beer deterioration by gas chromatography-mass spectrometry/multivariate analysis: A rapid tool for assessing beer composition. <i>Journal of Chromatography A</i> , 2011, 1218, 990-996.	3.7	37
84	Profiling allergic asthma volatile metabolic patterns using a headspace-solid phase microextraction/gas chromatography based methodology. <i>Journal of Chromatography A</i> , 2011, 1218, 3771-3780.	3.7	82
85	NMR metabonomic study of lung cancer: metabolic profiling of tissues. <i>BMC Proceedings</i> , 2010, 4, .	1.6	0
86	Can nuclear magnetic resonance (NMR) spectroscopy reveal different metabolic signatures for lung tumours?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010, 457, 715-725.	2.8	34
87	Comparison of the effects induced by different processing methods on sorghum proteins. <i>Journal of Cereal Science</i> , 2010, 51, 146-151.	3.7	39
88	Screening of lactic acid bacteria potentially useful for sorghum fermentation. <i>Journal of Cereal Science</i> , 2010, 52, 9-15.	3.7	20
89	Application of Fourier transform infrared spectroscopy and orthogonal projections to latent structures/partial least squares regression for estimation of procyanidins average degree of polymerisation. <i>Analytica Chimica Acta</i> , 2010, 661, 143-149.	5.4	22
90	Quantification of organic acids in beer by nuclear magnetic resonance (NMR)-based methods. <i>Analytica Chimica Acta</i> , 2010, 674, 166-175.	5.4	50

#	ARTICLE	IF	CITATIONS
91	Finding new posttranslational modifications in salivary proline-rich proteins. <i>Proteomics</i> , 2010, 10, 3732-3742.	2.2	52
92	NMR metabolomics of esca disease-affected <i>Vitis vinifera</i> cv. Alvarinho leaves. <i>Journal of Experimental Botany</i> , 2010, 61, 4033-4042.	4.8	78
93	Metabolic Profiling of Human Lung Cancer Tissue by ¹ H High Resolution Magic Angle Spinning (HRMAS) NMR Spectroscopy. <i>Journal of Proteome Research</i> , 2010, 9, 319-332.	3.7	136
94	Impact of Prenatal Disorders on the Metabolic Profile of Second Trimester Amniotic Fluid: A Nuclear Magnetic Resonance Metabonomic Study. <i>Journal of Proteome Research</i> , 2010, 9, 6016-6024.	3.7	94
95	Relationships between the varietal volatile composition of the musts and white wine aroma quality. A four year feasibility study. <i>LWT - Food Science and Technology</i> , 2010, 43, 1508-1516.	5.2	23
96	Effects of fungus inoculation and salt stress on physiology and biochemistry of in vitro grapevines: Emphasis on sugar composition changes by FT-IR analyses. <i>Environmental and Experimental Botany</i> , 2009, 65, 1-10.	4.2	32
97	Determination of oil and water in olive and olive pomace by NIR and multivariate analysis. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2009, 3, 180-186.	1.5	15
98	Estimation of olive oil acidity using FT-IR and partial least squares regression. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2009, 3, 187-191.	1.5	8
99	Traditional and industrial oven-dry processing of olive fruits: influence on textural properties, cell wall polysaccharide composition, and enzymatic activity. <i>European Food Research and Technology</i> , 2009, 229, 415-425.	3.3	12
100	Towards defining the whole salivary peptidome. <i>Proteomics - Clinical Applications</i> , 2009, 3, 528-540.	1.6	43
101	Search for suitable maturation parameters to define the harvest maturity of plums (<i>Prunus domestica</i>) Tj ETQq1 1 0,784314, 8.2 28	8.2	28
102	Establishment of the volatile profile of "Bravo de Esmolfe"™ apple variety and identification of varietal markers. <i>Food Chemistry</i> , 2009, 113, 513-521.	8.2	38
103	Improving the detection of significant factors using ANOVA-PCA by selective reduction of residual variability. <i>Analytica Chimica Acta</i> , 2009, 653, 131-142.	5.4	26
104	Analysis of Non-Aromatic Organic Acids in Beer by CE and Direct Detection Mode with Diode Array Detection. <i>Chromatographia</i> , 2009, 70, 1737-1742.	1.3	11
105	¹ H NMR Based Metabonomics of Human Amniotic Fluid for the Metabolic Characterization of Fetus Malformations. <i>Journal of Proteome Research</i> , 2009, 8, 4144-4150.	3.7	62
106	Protein profile and malt activity during sorghum germination. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 2598-2605.	3.5	47
107	Method for analysis dried vine fruits contaminated with ochratoxin A. <i>Analytica Chimica Acta</i> , 2008, 617, 59-63.	5.4	17
108	Using ANOVA-PCA for discriminant analysis: Application to the study of mid-infrared spectra of carraghenan gels as a function of concentration and temperature. <i>Analytica Chimica Acta</i> , 2008, 629, 47-55.	5.4	20

#	ARTICLE	IF	CITATIONS
109	Characterization of dextrin hydrogels by FTIR spectroscopy and solid state NMR spectroscopy. <i>European Polymer Journal</i> , 2008, 44, 2318-2329.	5.4	37
110	Principal component transform Outer product analysis in the PCA context. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2008, 93, 43-48.	3.5	19
111	Characterization of Plum Procyanidins by Thiolytic Depolymerization. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5188-5196.	5.2	32
112	FTIR-ATR infrared spectroscopy for the detection of ochratoxin A in dried vine fruit. <i>Food Additives and Contaminants</i> , 2007, 24, 1299-1305.	2.0	18
113	Potential of NMR Spectroscopy for the Study of Human Amniotic Fluid. <i>Analytical Chemistry</i> , 2007, 79, 8367-8375.	6.5	35
114	Metabolic characterisation of plasma in juveniles with glycogen storage disease type 1a (GSD1a) by high-resolution ¹ H NMR spectroscopy. <i>NMR in Biomedicine</i> , 2007, 20, 401-412.	2.8	34
115	Establishment of the varietal volatile profile of musts from white <i>Vitis vinifera</i> L. varieties. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1667-1676.	3.5	19
116	The combined effects of black oxidising table olive process and ripening on the cell wall polysaccharides of olive pulp. <i>Carbohydrate Polymers</i> , 2007, 68, 647-657.	10.2	17
117	Segmented Principal Component Transform Partial Least Squares regression. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2007, 89, 59-68.	3.5	3
118	Screening of variety- and pre-fermentation-related volatile compounds during ripening of white grapes to define their evolution profile. <i>Analytica Chimica Acta</i> , 2007, 597, 257-264.	5.4	68
119	Infrared spectroscopy and outer product analysis for quantification of fat, nitrogen, and moisture of cocoa powder. <i>Analytica Chimica Acta</i> , 2007, 601, 77-86.	5.4	86
120	Composition of Beer by ¹ H NMR Spectroscopy: Effects of Brewing Site and Date of Production. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 700-706.	5.2	88
121	Influence of hydration of food additive polysaccharides on FT-IR spectra distinction. <i>Carbohydrate Polymers</i> , 2006, 63, 355-359.	10.2	42
122	Rapid tool for distinction of wines based on the global volatile signature. <i>Journal of Chromatography A</i> , 2006, 1114, 188-197.	3.7	41
123	Effect of black oxidising table olive process on the cell wall polysaccharides of olive pulp (<i>Olea</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	10.2	22
124	Ripening-related changes in the cell walls of olive (<i>Olea europaea</i> L.) pulp of two consecutive harvests. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 988-998.	3.5	22
125	Sorghum fermentation followed by spectroscopic techniques. <i>Food Chemistry</i> , 2005, 90, 853-859.	8.2	57
126	Outer-product analysis (OPA) using PCA to study the influence of temperature on NIR spectra of water. <i>Vibrational Spectroscopy</i> , 2005, 39, 50-58.	2.2	37

#	ARTICLE	IF	CITATIONS
127	Quantification of polymeric mannose in wine extracts by FT-IR spectroscopy and OSC-PLS1 regression. <i>Carbohydrate Polymers</i> , 2005, 61, 434-440.	10.2	38
128	Study of cork (from <i>Quercus suber</i> L.)-wine model interactions based on voltammetric multivariate analysis. <i>Analytica Chimica Acta</i> , 2005, 528, 147-156.	5.4	18
129	Segmented principal component transform—principal component analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005, 78, 125-137.	3.5	17
130	Characterization of Kafirin and Zein Oligomers by Preparative Sodium Dodecyl Sulfate—Polyacrylamide Gel Electrophoresis. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 639-643.	5.2	37
131	Screening and distinction of coffee brews based on headspace solid phase microextraction/gas chromatography/principal component analysis. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 43-51.	3.5	59
132	PLS_Cluster: a novel technique for cluster analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 70, 99-112.	3.5	12
133	Principal components transform-partial least squares: a novel method to accelerate cross-validation in PLS regression. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 73, 245-255.	3.5	22
134	Sequential in Vitro Pepsin Digestion of Uncooked and Cooked Sorghum and Maize Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2052-2058.	5.2	65
135	Anatomy and Cell Wall Polysaccharides of Almond (<i>Prunus dulcis</i> D. A. Webb) Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1364-1370.	5.2	46
136	Multivariate Analysis of NMR and FTIR Data as a Potential Tool for the Quality Control of Beer. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1031-1038.	5.2	126
137	Characterisation of Chilean hazelnut (<i>Gevuina avellana</i>) tissues: light microscopy and cell wall polysaccharides. <i>Journal of the Science of Food and Agriculture</i> , 2003, 83, 158-165.	3.5	9
138	Use of FT-IR spectroscopy as a tool for the analysis of polysaccharide food additives. <i>Carbohydrate Polymers</i> , 2003, 51, 383-389.	10.2	207
139	High-Resolution Nuclear Magnetic Resonance Spectroscopy and Multivariate Analysis for the Characterization of Beer. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2475-2481.	5.2	144
140	Application of FTIR Spectroscopy for the Quantification of Sugars in Mango Juice as a Function of Ripening. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 3104-3111.	5.2	97
141	Fourier Transform Infrared Spectroscopy and Chemometric Analysis of White Wine Polysaccharide Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 3405-3411.	5.2	115
142	Determination of the degree of methylesterification of pectic polysaccharides by FT-IR using an outer product PLS1 regression. <i>Carbohydrate Polymers</i> , 2002, 50, 85-94.	10.2	79
143	Durbin—Watson statistic as a morphological estimator of information content. <i>Analytica Chimica Acta</i> , 2002, 454, 277-295.	5.4	65
144	Headspace Solid Phase Microextraction (SPME) Analysis of Flavor Compounds in Wines. Effect of the Matrix Volatile Composition in the Relative Response Factors in a Wine Model. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 5142-5151.	5.2	137

#	ARTICLE	IF	CITATIONS
145	Use of FT-IR spectroscopy to follow the effect of processing in cell wall polysaccharide extracts of a sun-dried pear. <i>Carbohydrate Polymers</i> , 2001, 45, 175-182.	10.2	55
146	Variability of cork from Portuguese <i>Quercus suber</i> studied by solid-state ^{13}C -NMR and FTIR spectroscopies. <i>Biopolymers</i> , 2001, 62, 268-277.	2.4	60
147	PoLiSh "smoothed partial least-squares regression. <i>Analytica Chimica Acta</i> , 2001, 446, 279-294.	5.4	22
148	Aroma Potential of Two Bairrada White Grape Varieties: Maria Gomes and Bical. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 4802-4807.	5.2	45
149	FTIR spectroscopy as a tool for the analysis of olive pulp cell-wall polysaccharide extracts. <i>Carbohydrate Research</i> , 1999, 317, 145-154.	2.3	141
150	Analysis of Time Domain NMR and Other Signals. , 1999, , 203-216.		6
151	Multivariate analysis of uronic acid and neutral sugars in whole pectic samples by FT-IR spectroscopy. <i>Carbohydrate Polymers</i> , 1998, 37, 241-248.	10.2	179
152	Genetic algorithm applied to the selection of principal components. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1998, 40, 65-81.	3.5	66
153	Method for detecting information in signals: application to two-dimensional time domain NMR data. <i>Analyst</i> , The, 1998, 123, 551-559.	3.5	10
154	Application of an Electronic Aroma Sensing System to Cork Stopper Quality Control. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 145-151.	5.2	28
155	NIR and other Luminometric Methods to Monitor the Primary Clotting Phase of Milk. <i>Journal of Near Infrared Spectroscopy</i> , 1998, 6, 205-211.	1.5	6
156	Complexation stoichiometry determined by application of chemometrics to time domain nuclear magnetic resonance signals. <i>Analisis - European Journal of Analytical Chemistry</i> , 1998, 26, 70-73.	0.4	4
157	Detecting information in gas sensor responses using analysis of variance. <i>Analisis - European Journal of Analytical Chemistry</i> , 1998, 26, 135-141.	0.4	2
158	Analysis of Uronic Acid in Pectic Material by FT-IR Spectroscopy. , 1997, , 275-276.		2
159	Relations between Mid-Infrared and Near-Infrared Spectra Detected by Analysis of Variance of an Interveriable Data Matrix. <i>Applied Spectroscopy</i> , 1997, 51, 1384-1393.	2.2	39
160	Quantification of arabinose in pectic polysaccharides by FT-IR spectroscopy. <i>Carbohydrate Polymers</i> , 1997, 34, 426.	10.2	2
161	ANOVA and factor analysis applied to time domain NMR signals. <i>Magnetic Resonance in Chemistry</i> , 1997, 35, S13-S21.	1.9	19
162	Methodologies for Improved Quality Control Assessment of Food Products. , 0, , 11-47.		1

#	ARTICLE	IF	CITATIONS
163	Quality Evaluation of Olives, Olive Pomace and Olive Oil by Infrared Spectroscopy. , 0, , .		1
164	Title is missing!. , 0, , .		4
165	Interpreting infrared spectra of solutions by outer product analysis with time domain-NMR. Special Publication - Royal Society of Chemistry, 0, , 179-192.	0.0	9