

Ana Gil

List of Publications by Year in descending order

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182
papers

7,263
citations

38742

50
h-index

71685

76
g-index

188
all docs

188
docs citations

188
times ranked

9430
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential role of pulses in the development of functional foods modulating inflammation and oxidative stress. , 2022, , 287-309.		1
2	NMR Metabolomics Assessment of Osteogenic Differentiation of Adipose-Tissue-Derived Mesenchymal Stem Cells. Journal of Proteome Research, 2022, 21, 654-670.	3.7	7
3	Metabolic Impact of Anticancer Drugs Pd2Spermine and Cisplatin on the Brain of Healthy Mice. Pharmaceutics, 2022, 14, 259.	4.5	4
4	Metabolic Adaptations in an Endocrine-Related Breast Cancer Mouse Model Unveil Potential Markers of Tumor Response to Hormonal Therapy. Frontiers in Oncology, 2022, 12, 786931.	2.8	1
5	Endo- and Exometabolome Crosstalk in Mesenchymal Stem Cells Undergoing Osteogenic Differentiation. Cells, 2022, 11, 1257.	4.1	6
6	Concordance in RT-PCR detection of SARS-CoV-2 between samples preserved in viral and bacterial transport medium. Journal of Virological Methods, 2022, 304, 114522.	2.1	0
7	SARS-CoV-2 infections in households in a peri-urban community of Lima, Peru: A prospective cohort study. Influenza and Other Respiratory Viruses, 2022, 16, 386-394.	3.4	7
8	Self-assembly pathways in a triphenylalanine peptide capped with aromatic groups. Colloids and Surfaces B: Biointerfaces, 2022, 216, 112522.	5.0	4
9	Prevalence and sociobehavioural determinants of early childhood caries among 5-year-old Portuguese children: a longitudinal study. European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry, 2021, 22, 399-408.	1.9	7
10	Benefits of pulse consumption on metabolism and health: A systematic review of randomized controlled trials. Critical Reviews in Food Science and Nutrition, 2021, 61, 85-96.	10.3	81
11	Novel Insights into Mice Multi-Organ Metabolism upon Exposure to a Potential Anticancer Pd(II)-Agent. Metabolites, 2021, 11, 114.	2.9	8
12	Metabolomic Applications in Stem Cell Research: a Review. Stem Cell Reviews and Reports, 2021, 17, 2003-2024.	3.8	9
13	Response of Osteosarcoma Cell Metabolism to Platinum and Palladium Chelates as Potential New Drugs. Molecules, 2021, 26, 4805.	3.8	5
14	Impact of the Pd2Spm (Spermine) Complex on the Metabolism of Triple-Negative Breast Cancer Tumors of a Xenograft Mouse Model. International Journal of Molecular Sciences, 2021, 22, 10775.	4.1	5
15	Metabolic Aspects of Palladium(II) Potential Anti-Cancer Drugs. Frontiers in Oncology, 2020, 10, 590970.	2.8	41
16	Metabolomic studies of breast cancer in murine models: A review. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165713.	3.8	10
17	Hormone-Independent Mouse Mammary Adenocarcinomas with Different Metastatic Potential Exhibit Different Metabolic Signatures. Biomolecules, 2020, 10, 1242.	4.0	2
18	Evaluation of Saliva Stability for NMR Metabolomics: Collection and Handling Protocols. Metabolites, 2020, 10, 515.	2.9	20

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19	Macrophage Metabolomics Reveals Differential Metabolic Responses to Subtoxic Levels of Silver Nanoparticles and Ionic Silver. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1867-1876.	2.0	5
20	Cytotoxicity of Platinum and Palladium Chelates against Osteosarcoma. <i>ChemistrySelect</i> , 2020, 5, 5993-6000.	1.5	10
21	Heterochirality Restricts the Self-Assembly of Phenylalanine Dipeptides Capped with Highly Aromatic Groups. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5913-5918.	2.6	11
22	A community-built calibration system: The case study of quantification of metabolites in grape juice by qNMR spectroscopy. <i>Talanta</i> , 2020, 214, 120855.	5.5	14
23	Urine Nuclear Magnetic Resonance (NMR) Metabolomics in Age-Related Macular Degeneration. <i>Journal of Proteome Research</i> , 2019, 18, 1278-1288.	3.7	15
24	Amyloid fibrils from organic solutions of an amphiphilic dipeptide. <i>Chemical Communications</i> , 2019, 55, 8556-8559.	4.1	5
25	NMR metabolomics to study the metabolic response of human osteoblasts to non-poled and poled poly (L-lactic) acid. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 919-933.	1.9	6
26	Saliva NMR metabolomics: Analytical issues in pediatric oral health research. <i>Oral Diseases</i> , 2019, 25, 1545-1554.	3.0	33
27	Metabolomics in Biomaterial Research. , 2019, , 432-442.		0
28	Multi-Organ NMR Metabolomics to Assess In Vivo Overall Metabolic Impact of Cisplatin in Mice. <i>Metabolites</i> , 2019, 9, 279.	2.9	13
29	Urine metabolomics and proteomics in prenatal health. , 2019, , 112-124.		0
30	NMR Metabolomics Reveals Metabolism-Mediated Protective Effects in Liver (HepG2) Cells Exposed to Subtoxic Levels of Silver Nanoparticles. <i>Journal of Proteome Research</i> , 2018, 17, 1636-1646.	3.7	20
31	Biofluid Metabolomics in Preterm Birth Research. <i>Reproductive Sciences</i> , 2018, 25, 967-977.	2.5	22
32	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
33	Amyloid-like Fibrils from a Diphenylalanine Capped with an Aromatic Fluorenyl. <i>Langmuir</i> , 2018, 34, 15551-15559.	3.5	10
34	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
35	Impact of the Pd ₂ Spermine Chelate on Osteosarcoma Metabolism: An NMR Metabolomics Study. <i>Journal of Proteome Research</i> , 2017, 16, 1773-1783.	3.7	23
36	GC-MS metabolomics-based approach for the identification of a potential VOC biomarker panel in the urine of renal cell carcinoma patients. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2092-2105.	3.6	64

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37	Diversity and Hierarchy in Supramolecular Assemblies of Triphenylalanine: From Laminated Helical Ribbons to Toroids. <i>Langmuir</i> , 2017, 33, 4036-4048.	3.5	31
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	Metabonomics in Food Science. , 2017, , 790-796.		0
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	Metabolomics of silver nanoparticles toxicity in HaCaT cells: structure-activity relationships and role of ionic silver and oxidative stress. <i>Nanotoxicology</i> , 2016, 10, 1105-1117.	3.0	83
42	Fibrinogen scaffolds with immunomodulatory properties promote in vivo bone regeneration. <i>Biomaterials</i> , 2016, 111, 163-178.	11.4	54
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	Metabolic profiling of maternal urine can aid clinical management of gestational diabetes mellitus. <i>Metabolomics</i> , 2016, 12, 1.	3.0	9
45	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
46	Insights into the impact of silver nanoparticles on human keratinocytes metabolism through NMR metabolomics. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 53-61.	3.0	49
47	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
48	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
49	Prediction of Gestational Diabetes through NMR Metabolomics of Maternal Blood. <i>Journal of Proteome Research</i> , 2015, 14, 2696-2706.	3.7	70
50	NMR metabolomics of renal cancer: an overview. <i>Bioanalysis</i> , 2015, 7, 2361-2374.	1.5	17
51	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
52	Evaluation of Beer Deterioration by Gas Chromatography-Mass Spectrometry/Multivariate Analysis. , 2014, , 435-440.		0
53	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
54	Postprandial response on fatty meal is affected by sea buckthorn (<i>Hippophaë rhamnoides</i>) supplementation: NMR metabolomics study. <i>Food Research International</i> , 2014, 58, 23-34.	6.2	6

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55	Different responses of young and expanded lettuce leaves to fungicide Mancozeb: chlorophyll fluorescence, lipid peroxidation, pigments and proline content. <i>Photosynthetica</i> , 2014, 52, 148-151.	1.7	19
56	NMR metabolomics of human blood and urine in disease research. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 93, 17-26.	2.8	94
57	Changes in the metabolome of lettuce leaves due to exposure to mancozeb pesticide. <i>Food Chemistry</i> , 2014, 154, 291-298.	8.2	54
58	Human plasma stability during handling and storage: impact on NMR metabolomics. <i>Analyst</i> , The, 2014, 139, 1168-1177.	3.5	139
59	Metabolic Markers of MG-63 Osteosarcoma Cell Line Response to Doxorubicin and Methotrexate Treatment: Comparison to Cisplatin. <i>Journal of Proteome Research</i> , 2014, 13, 6033-6045.	3.7	33
60	Nuclear Magnetic Resonance Metabolomics of Iron Deficiency in Soybean Leaves. <i>Journal of Proteome Research</i> , 2014, 13, 3075-3087.	3.7	28
61	Tolerance of <i>Venerupis philippinarum</i> to salinity: Osmotic and metabolic aspects. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 171, 36-43.	1.8	73
62	Maternal plasma phospholipids are altered in trisomy 21 cases and prior to preeclampsia and preterm outcomes. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1635-1638.	1.5	14
63	¹ H NMR-based metabolic fingerprinting of urine metabolites after consumption of lingonberries (<i>Vaccinium vitis-idaea</i>) with a high-fat meal. <i>Food Chemistry</i> , 2013, 138, 982-990.	8.2	38
64	Metabolic profiling of biofluids: potential in lung cancer screening and diagnosis. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 737-748.	3.1	32
65	Potential Markers of Cisplatin Treatment Response Unveiled by NMR Metabolomics of Human Lung Cells. <i>Molecular Pharmaceutics</i> , 2013, 10, 4242-4251.	4.6	39
66	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
67	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
68	Metabolic response of human keratinocytes to silver nanoparticles: A metabolomics study. <i>Toxicology Letters</i> , 2013, 221, S242-S243.	0.8	0
69	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
70	Techniques for analysing wheat proteins. , 2012, , 77-99.		2
71	Swelling and Release Properties of Functional Î ⁹ -carrageenan Hydrogel Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1403, 164.	0.1	3
72	Access to Enantiomerically Pure <i>cis</i> - and <i>trans</i> - ¹² C-Phenylproline by High-Performance Liquid Chromatography Resolution. <i>Chirality</i> , 2012, 24, 1082-1091.	2.6	8

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73	Can Biofluids Metabolic Profiling Help to Improve Healthcare during Pregnancy?. <i>Spectroscopy</i> , 2012, 27, 515-523.	0.8	10
74	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
75	Impact of magnetic nanofillers in the swelling and release properties of $\hat{\text{I}}^{\text{e}}$ -carrageenan hydrogel nanocomposites. <i>Carbohydrate Polymers</i> , 2012, 87, 328-335.	10.2	77
76	Metabolic signatures of cancer unveiled by NMR spectroscopy of human biofluids. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2012, 62, 51-74.	7.5	54
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	NMR methods for beer characterization and quality control. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, S37-45.	1.9	31
82	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
83	Solid state ^{13}C CP-MAS NMR and FT-IR spectroscopic analysis of cuticular fractions of berries and suberized membranes of potato. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 334-345.	3.9	19
84	Synthesis and swelling behavior of temperature responsive $\hat{\text{I}}^{\text{e}}$ -carrageenan nanogels. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 512-517.	9.4	96
85	NMR metabonomic study of lung cancer: metabolic profiling of urine and blood plasma. <i>BMC Proceedings</i> , 2010, 4, .	1.6	0
86	NMR metabonomic study of lung cancer: metabolic profiling of tissues. <i>BMC Proceedings</i> , 2010, 4, .	1.6	0
87	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
88	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
89	Metabolic responses of A549 lung cells to cisplatin and radiation exposure studied by ^1H NMR spectroscopy. <i>BMC Proceedings</i> , 2010, 4, .	1.6	0
90	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

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91	Metabonomics in Food Science. , 2010, , 1513-1520.		1
92	Metabolic Profiling of Human Lung Cancer Tissue by ¹ H High Resolution Magic Angle Spinning (HRMAS) NMR Spectroscopy. Journal of Proteome Research, 2010, 9, 319-332.	3.7	136
93	Nuclear Magnetic Resonance (NMR) Study of the Effect of Cisplatin on the Metabolic Profile of MG-63 Osteosarcoma Cells. Journal of Proteome Research, 2010, 9, 5877-5886.	3.7	39
94	Impact of Prenatal Disorders on the Metabolic Profile of Second Trimester Amniotic Fluid: A Nuclear Magnetic Resonance Metabonomic Study. Journal of Proteome Research, 2010, 9, 6016-6024.	3.7	94
95	Complete ¹ H resonance assignment of Î ² -maltose from ¹ Hâ€“ ¹ H DQ-SQ CRAMPS and ¹ H (DQ-DUMBO)â€“ ¹³ C SQ refocused INEPT 2D solid-state NMR spectra and first principles GIPAW calculations. Physical Chemistry Chemical Physics, 2010, 12, 6970.	2.8	83
96	Identification of metabolites in human hepatic bile using 800 MHz ¹ H NMR spectroscopy , HPLC-NMR/MS and UPLC-MS. Molecular BioSystems, 2009, 5, 180-190.	2.9	53
97	Analysis of Non-Aromatic Organic Acids in Beer by CE and Direct Detection Mode with Diode Array Detection. Chromatographia, 2009, 70, 1737-1742.	1.3	11
98	Suberin of Potato (Solanum tuberosum Var. Nikola): Comparison of the Effect of Cutinase CcCut1 with Chemical Depolymerization. Journal of Agricultural and Food Chemistry, 2009, 57, 9016-9027.	5.2	29
99	¹ H NMR Based Metabonomics of Human Amniotic Fluid for the Metabolic Characterization of Fetus Malformations. Journal of Proteome Research, 2009, 8, 4144-4150.	3.7	62
100	Specific Solvation Interactions of CO ₂ on Acetate and Trifluoroacetate Imidazolium Based Ionic Liquids at High Pressures. Journal of Physical Chemistry B, 2009, 113, 6803-6812.	2.6	201
101	NMR metabonomics for mammalian cell metabolism studies. Bioanalysis, 2009, 1, 1597-1614.	1.5	13
102	Analytical Approaches toward Successful Human Cell Metabolome Studies by NMR Spectroscopy. Analytical Chemistry, 2009, 81, 5023-5032.	6.5	61
103	Biofunctionalized magnetic hydrogel nanospheres of magnetite and Î ^p -carrageenan. Nanotechnology, 2009, 20, 355602.	2.6	45
104	Rheological behavior of thermoreversible Î ^p -carrageenan/nanosilica gels. Journal of Colloid and Interface Science, 2008, 320, 575-581.	9.4	26
105	Effects of magnetite nanoparticles on the thermorheological properties of carrageenan hydrogels. Journal of Colloid and Interface Science, 2008, 324, 205-211.	9.4	37
106	Characterization of dextrin hydrogels by FTIR spectroscopy and solid state NMR spectroscopy. European Polymer Journal, 2008, 44, 2318-2329.	5.4	37
107	Metabolite Profiling of Human Amniotic Fluid by Hyphenated Nuclear Magnetic Resonance Spectroscopy. Analytical Chemistry, 2008, 80, 6085-6092.	6.5	46
108	Rheological and Nuclear Magnetic Resonance (NMR) Study of the Hydration and Heating of Undeveloped Wheat Doughs. Journal of Agricultural and Food Chemistry, 2007, 55, 5636-5644.	5.2	37

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109	Potential of NMR Spectroscopy for the Study of Human Amniotic Fluid. <i>Analytical Chemistry</i> , 2007, 79, 8367-8375.	6.5	35
110	Metabolic Profiling of Liver from Hypercholesterolemic Pigs Fed Rye or Wheat Fiber and from Normal Pigs. High-Resolution Magic Angle Spinning ^1H NMR Spectroscopic Study. <i>Analytical Chemistry</i> , 2007, 79, 168-175.	6.5	20
111	In Situ Synthesis of Magnetite Nanoparticles in Carrageenan Gels. <i>Biomacromolecules</i> , 2007, 8, 2350-2357.	5.4	107
112	Metabolic characterisation of plasma in juveniles with glycogen storage disease type 1a (GSD1a) by high-resolution ^1H NMR spectroscopy. <i>NMR in Biomedicine</i> , 2007, 20, 401-412.	2.8	34
113	Production and characterization of a new dextrin based hydrogel. <i>European Polymer Journal</i> , 2007, 43, 3050-3059.	5.4	79
114	Synthesis and characterization of porous \hat{I}^2 -carrageenan/calcium phosphate nanocomposite scaffolds. <i>Journal of Materials Science</i> , 2007, 42, 8581-8591.	3.7	57
115	Composition of Beer by ^1H NMR Spectroscopy: $\hat{A}\hat{E}\%$ Effects of Brewing Site and Date of Production. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 700-706.	5.2	88
116	Study of natural mango juice spoilage and microbial contamination with <i>Penicillium expansum</i> by high resolution ^1H NMR spectroscopy. <i>Food Chemistry</i> , 2006, 96, 313-324.	8.2	21
117	Polymer Conformation Structure of Wheat Proteins and Gluten Subfractions Revealed by ATR-FTIR. <i>Cereal Chemistry</i> , 2006, 83, 407-410.	2.2	88
118	A solid state NMR study of locust bean gum galactomannan and Konjac glucomannan gels. <i>Carbohydrate Polymers</i> , 2005, 60, 439-448.	10.2	28
119	An Investigation of Weak $\text{CH}\hat{A}\hat{A}\hat{O}$ Hydrogen Bonds in Maltose Anomers by a Combination of Calculation and Experimental Solid-State NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2005, 127, 10216-10220.	13.7	185
120	New enantiopure 7-azanorbornane \hat{I}^2 -substituted prolines by SN_2 displacements at the $\text{C}\hat{I}^3$ of the side chain. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3115-3123.	1.8	8
121	Improving pulse sequences for 3D DOSY: COSY-IDOSY. <i>Chemical Communications</i> , 2005, , 1737.	4.1	60
122	Characterization of Mango Juice by High-Resolution NMR, Hyphenated NMR, and Diffusion-Ordered Spectroscopy. <i>Spectroscopy Letters</i> , 2005, 38, 319-342.	1.0	29
123	Metabolic Assessment of Human Liver Transplants from Biopsy Samples at the Donor and Recipient Stages Using High-Resolution Magic Angle Spinning ^1H NMR Spectroscopy. <i>Analytical Chemistry</i> , 2005, 77, 5570-5578.	6.5	102
124	A theoretical study of the influence of nitrogen angular constraints on the properties of amides: rotation/inversion barriers and hydrogen bond accepting abilities of N-formylaziridine and -azirine. <i>New Journal of Chemistry</i> , 2005, 29, 1450.	2.8	15
125	Synthesis of enantiopure 7-azanorbornane proline \hat{I}^2 -amino acid chimeras by highly efficient HPLC resolution of a phenylalanine analogue. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 811-819.	1.8	21
126	Exploratory applications of diffusion ordered spectroscopy to liquid foods: an aid towards spectral assignment. <i>Analytica Chimica Acta</i> , 2004, 506, 215-223.	5.4	39

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127	High-Resolution NMR and Diffusion-Ordered Spectroscopy of Port Wine. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 3736-3743.	5.2	114
128	Improving Pulse Sequences for 3D Diffusion-Ordered NMR Spectroscopy: \hat{A} 2DJ-IDOSY. <i>Analytical Chemistry</i> , 2004, 76, 5418-5422.	6.5	71
129	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
130	Olefination of Methyl (1S,2R,4R)-N-Benzoyl-2-formyl-7-azabicyclo[2.2.1]heptane-1-carboxylate, a Synthetic Approach to New Conformationally Constrained Prolines.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
131	Characterization of the aromatic composition of some liquid foods by nuclear magnetic resonance spectrometry and liquid chromatography with nuclear magnetic resonance and mass spectrometric detection. <i>Analytica Chimica Acta</i> , 2003, 488, 35-51.	5.4	93
132	Stabilisation of the type I β -turn conformation by a bicyclic analogue of proline. <i>Tetrahedron Letters</i> , 2003, 44, 5999-6002.	1.4	12
133	Olefination of methyl (1S,2R,4R)-N-benzoyl-2-formyl-7-azabicyclo[2.2.1]heptane-1-carboxylate, a synthetic approach to new conformationally constrained prolines. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1479-1488.	1.8	13
134	Application of NMR Spectroscopy and LC-NMR/MS to the Identification of Carbohydrates in Beer. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4847-4852.	5.2	63
135	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
136	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
137	Study of high molecular weight wheat glutenin subunit 1Dx5 by ^{13}C and ^1H solid-state NMR spectroscopy. I. Role of covalent crosslinking. <i>Biopolymers</i> , 2002, 67, 487-498.	2.4	21
138	Study of wheat high molecular weight 1Dx5 subunit by ^{13}C and ^1H solid-state NMR. II. Roles of nonrepetitive terminal domains and length of repetitive domain. <i>Biopolymers</i> , 2002, 65, 158-168.	2.4	9
139	A fast MAS ^1H NMR study of amino acids and proteins. <i>Journal of Molecular Structure</i> , 2002, 602-603, 357-366.	3.6	5
140	Enzymatic isolation and structural characterisation of polymeric suberin of cork from <i>Quercus suber</i> L.. <i>International Journal of Biological Macromolecules</i> , 2001, 28, 107-119.	7.5	43
141	Synthesis of constrained prolines by Diels-Alder reaction using a chiral unsaturated oxazolone derived from (R)-glyceraldehyde as starting material. <i>Tetrahedron</i> , 2001, 57, 6417-6427.	1.9	26
142	A high resolution ^1H magic angle spinning NMR study of a high-Mr subunit of wheat glutenin. <i>Biopolymers</i> , 2001, 58, 33-45.	2.4	23
143	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
144	Quantitation of aliphatic suberin in <i>Quercus suber</i> L. cork by FTIR spectroscopy and solid-state ^{13}C -NMR spectroscopy. <i>Biopolymers</i> , 2000, 57, 344-351.	2.4	50

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145	Spectral editing of ¹³ C CP/MAS NMR spectra of complex systems: application to the structural characterisation of cork cell walls. <i>Solid State Nuclear Magnetic Resonance</i> , 2000, 16, 109-121.	2.3	23
146	An NMR microscopy study of water absorption in cork. <i>Journal of Materials Science</i> , 2000, 35, 1891-1900.	3.7	17
147	Composition of Suberin Extracted upon Gradual Alkaline Methanolysis of <i>Quercus suber</i> L. <i>Cork. Journal of Agricultural and Food Chemistry</i> , 2000, 48, 383-391.	5.2	82
148	Rheo-NMR of Semidilute Polyacrylamide in Water. <i>Macromolecules</i> , 2000, 33, 4116-4124.	4.8	47
149	Delocalized TCNQ Stacks in Nickel and Copper Tetraazamacrocyclic Systems. <i>Inorganic Chemistry</i> , 2000, 39, 2837-2842.	4.0	38
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