

Maurizio Delfini

List of Publications by Year in descending order

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47
papers

1,033
citations

361413

20
h-index

434195

31
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docs citations

47
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	A low-resolution and high-resolution nuclear magnetic resonance integrated approach to investigate the physical structure and metabolic profile of Mozzarella di Bufala Campana cheese. <i>International Dairy Journal</i> , 2007, 17, 167-176.	3.0	83
2	Exploring human breast milk composition by NMR-based metabolomics. <i>Natural Product Research</i> , 2014, 28, 95-101.	1.8	83
3	Peach Fruit: Metabolic Comparative Analysis of Two Varieties with Different Resistances to Insect Attacks by NMR Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1718-1726.	5.2	71
4	NMR-based metabonomic study of transgenic maize. <i>Phytochemistry</i> , 2004, 65, 3187-3198.	2.9	59
5	Direct interaction of hydrophilic gold nanoparticles with dexamethasone drug: Loading and release study. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 52-60.	9.4	56
6	NMR methodologies in the analysis of blueberries. <i>Electrophoresis</i> , 2014, 35, 1615-1626.	2.4	46
7	The Influence of a Sports Drink on the Postexercise Metabolism of Elite Athletes as Investigated by NMR-Based Metabolomics. <i>Journal of the American College of Nutrition</i> , 2009, 28, 553-564.	1.8	43
8	Nuclear magnetic resonance analysis of water soluble metabolites allows the geographic discrimination of pistachios (<i>Pistacia vera</i>). <i>Food Research International</i> , 2014, 62, 66-73.	6.2	40
9	Metabolic profile of different Italian cultivars of hazelnut (<i>Corylus avellana</i>) by nuclear magnetic resonance spectroscopy. <i>Natural Product Research</i> , 2014, 28, 1075-1081.	1.8	38
10	Organometallic Platinum(II) and Palladium(II) Polymers Containing 2,6-Diethynyl-4-nitroaniline Bridging Spacer and Related Dinuclear Model Complexes. <i>Organometallics</i> , 2004, 23, 2860-2869.	2.3	30
11	Metabolic Profiling and Outer Pericarp Water State in Zespri, Cl.GI, and Hayward Kiwifruits. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1727-1740.	5.2	29
12	Low- and high-resolution nuclear magnetic resonance (NMR) characterisation of hyaluronan-based native and sulfated hydrogels. <i>Carbohydrate Research</i> , 2006, 341, 1848-1858.	2.3	28
13	Modulation of human lymphoblastoid B cell line by phorbol ester and sphingosine. A ³¹ P-NMR study. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991, 1093, 29-35.	4.1	26
14	The applicability of an amidated polysaccharide hydrogel as a cartilage substitute: structural and rheological characterization. <i>Carbohydrate Research</i> , 2008, 343, 317-327.	2.3	26
15	Impact of the Mediterranean fruit fly (Medfly) <i>Ceratitis capitata</i> on different peach cultivars: The possible role of peach volatile compounds. <i>Food Chemistry</i> , 2013, 140, 375-381.	8.2	26
16	¹ H NMR Studies on the Interaction of ¹² C-Carboline Derivatives with Human Serum Albumin. <i>Journal of Magnetic Resonance</i> , 1998, 130, 281-286.	2.1	23
17	Phytochemical profile of <i>Euphorbia peplus</i> L. collected in Central Italy and NMR semi-quantitative analysis of the diterpenoid fraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 152-159.	2.8	23
18	Residue analysis of glucocorticoids in bovine milk by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2477-2490.	3.7	22

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19	¹ H NMR-Based Metabolomics Reveals a Pedoclimatic Metabolic Imprinting in Ready-to-Drink Carrot Juices. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5284-5291.	5.2	21
20	Conformational Study of [Met5]Enkephalin-Arg-Phe in the Presence of Phosphatidylserine Vesicles. <i>FEBS Journal</i> , 1996, 240, 540-549.	0.2	20
21	Stereoselective Synthesis and ROESY ¹ H NMR Study of Bidiaziridines. <i>Journal of Organic Chemistry</i> , 2012, 77, 2069-2073.	3.2	20
22	¹ H NMR-Based Urinary Metabolic Profiling Reveals Changes in Nicotinamide Pathway Intermediates Due to Postnatal Stress Model in Rat. <i>Journal of Proteome Research</i> , 2014, 13, 5848-5859.	3.7	16
23	Selective ¹ H-NMR relaxation investigations of membrane-bound drugs in vitro. <i>Biophysical Chemistry</i> , 1986, 24, 25-31.	2.8	15
24	¹ H NMR Relaxation Investigation of Inhibitors Interacting with <i>Torpedo californica</i> Acetylcholinesterase. <i>Journal of Magnetic Resonance</i> , 2000, 144, 129-133.	2.1	13
25	Role of catechin on collagen type I stability upon oxidation: a NMR approach. <i>Natural Product Research</i> , 2020, 34, 53-62.	1.8	13
26	Phytochemical comparison with quantitative analysis between two flower phenotypes of <i>Mentha aquatica</i> L.: pink-violet and white. <i>AIMS Molecular Science</i> , 2017, 4, 288-300.	0.5	13
27	Determination of intramolecular hydrogen bonds in amikacin in water solution by NMR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1995, 51, 1959-1963.	3.9	12
28	Monitoring of pistachio (<i>Pistacia Vera</i>) ripening by high field nuclear magnetic resonance spectroscopy. <i>Natural Product Research</i> , 2017, 31, 765-772.	1.8	12
29	A syn-ent-labdadiene derivative with a rare spiro- ² -lactone function from the male cones of <i>Wollemia nobilis</i> . <i>Phytochemistry</i> , 2019, 158, 91-95.	2.9	12
30	6-alkyl- and 5,6-dialkyl-2-methoxy-4(3H)-pyrimidinones in the transformations of pyrimidines. Regiospecific 1-acylation of pyrimidines.. <i>Tetrahedron Letters</i> , 1985, 26, 3345-3348.	1.4	11
31	The Kinetic Inhibition of Acetylcholinesterase from Human Erythrocyte by Tacrine and Some Tacrine Derivatives. <i>Bioorganic Chemistry</i> , 1999, 27, 197-205.	4.1	11
32	Nuclear Magnetic Resonance-Based Metabolic Comparative Analysis of Two Apple Varieties with Different Resistances to Apple Scab Attacks. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8339-8347.	5.2	10
33	NMR-based metabolic study of leaves of three species of <i>Actinidia</i> with different degrees of susceptibility to <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>Natural Product Research</i> , 2020, 34, 2043-2050.	1.8	10
34	Metabolic alterations in cultured mouse fibroblasts induced by an inhibitor of the tyrosine kinase receptor Fibroblast Growth Factor Receptor 1. <i>Analytical Biochemistry</i> , 2007, 367, 111-121.	2.4	9
35	A Porphyrin-Bridged Pd Dimer Complex Stabilizes Gold Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4906-4913.	2.0	9
36	Delineation of conformational and structural features of the amikacin-Cu(II) complex in water solution by ¹³ C-NMR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998, 55, 205-210.	3.9	8

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37	On the Use of the Quasi-Gaussian Entropy Theory in Systems of Polyatomic Flexible Molecules. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1834-1844.	2.6	8
38	Tacrine derivatives'acetylcholinesterase interaction: 1H NMR relaxation study. <i>Bioorganic Chemistry</i> , 2007, 35, 243-257.	4.1	7
39	Intermolecular stacking of a tetranuclear cyclic Pt(II) complex: NMR characterization and X-ray crystal structure of cis'trans'cis'trans tetra[1/4-2,6-diethynyl-4-nitroaniline-bis(tri(p-tolyl)phosphine)platinum(II)]. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5920-5926.	1.8	6
40	Stability of the Meat Protein Type I Collagen: Influence of pH, Ionic Strength, and Phenolic Antioxidant. <i>Foods</i> , 2020, 9, 480.	4.3	6
41	NMR-Based Metabolomic Comparison of Brassica oleracea (Var. italica): Organic and Conventional Farming. <i>Foods</i> , 2020, 9, 945.	4.3	5
42	¹³ C and ³¹ P NMR Studies of Phosphomycin, A Phosphonate Antibiotic. <i>Spectroscopy Letters</i> , 1989, 22, 363-374.	1.0	4
43	A new tripeptide, Pol 509, influences biochemical events associated with antigen presentation efficiency of PPD-specific EBV-B cells. <i>Immunopharmacology</i> , 1993, 25, 51-63.	2.0	4
44	NMR-Based Metabolomics in Food Quality Control. <i>Data Handling in Science and Technology</i> , 2013, 28, 411-447.	3.1	3
45	Study of interaction of water with advanced materials for swimming pool sportswear by NMR spectroscopy. <i>Microchemical Journal</i> , 2014, 112, 132-136.	4.5	2
46	High resolution NMR conformational studies of new bivalent NOP receptor antagonists in model membrane systems. <i>Bioorganic Chemistry</i> , 2011, 39, 59-66.	4.1	1
47	¹³ C- and ¹ H-NMR Relaxation Investigation of a Polycyclic Nitrogen Compound: 3,3-Dimethyl-1,5-diphenyl-9-hydroxy-bispidinium Iodide. <i>Spectroscopy Letters</i> , 1989, 22, 1079-1091.	1.0	0