CITATION REPORT List of articles citing

2D and 3D DOSY 1H NMR, a useful tool for analysis of complex mixtures: application to herbal drugs or dietary supplements for erectile dysfunction

DOI: 10.1016/j.jpba.2008.10.034 Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 602-12.

Source: https://exaly.com/paper-pdf/46491002/citation-report.pdf

Version: 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
89	Structural determination of sildenafil and its analogues in dietary supplements by fast-atom bombardment collision-induced dissociation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 3158-66	2.2	16
88	Current Awareness in Drug Testing and Analysis. Drug Testing and Analysis, 2010, 2, 91-106	3.5	O
87	An assessment of polydispersed species in unfractionated and low molecular weight heparins by diffusion ordered nuclear magnetic resonance spectroscopy method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 302-8	3.5	21
86	Counterfeit phosphodiesterase type 5 inhibitors pose significant safety risks. <i>International Journal of Clinical Practice</i> , 2010 , 64, 497-504	2.9	59
85	Quality Control of Herbal Medicines Assessed by NMR. <i>Current Pharmaceutical Analysis</i> , 2010 , 6, 234-24	.5 0.6	22
84	Tadalafil. Profiles of Drug Substances, Excipients and Related Methodology, 2011, 36, 287-329	3	13
83	Identification of Thiosildenafil in a Health Supplement. <i>Natural Product Communications</i> , 2011 , 6, 1934	57 8 811	100600
82	. 2011,		6
81	Special Topics and Applications Related to LC-NMR. 2011 , 179-215		
80	Analysis of complex mixtures using high-resolution nuclear magnetic resonance spectroscopy and chemometrics. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2011 , 59, 336-59	10.4	59
79	NMR methods for unravelling the spectra of complex mixtures. <i>Natural Product Reports</i> , 2011 , 28, 78-9	815.1	90
78	NMR methods to monitor the enzymatic depolymerization of heparin. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 593-603	4.4	22
77	Analytical challenges in drug counterfeiting and falsification-The NMR approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 679-87	3.5	70
76	Screening for multiple phosphodiesterase type 5 inhibitor drugs in dietary supplement materials by flow injection mass spectrometry and their quantification by liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 70, 40-6	3.5	33
75	Cell wall teichoic acids of Bacillus licheniformis VKM B-511T, Bacillus pumilus VKM B-508T, and other strains previously assigned to Bacillus pumilus. <i>Microbiology</i> , 2012 , 81, 425-434	1.4	1
74	The potential of metabolic fingerprinting as a tool for the modernisation of TCM preparations. <i>Journal of Ethnopharmacology</i> , 2012 , 140, 482-91	5	63
73	Towards a decade of detecting new analogues of sildenafil, tadalafil and vardenafil in food supplements: a history, analytical aspects and health risks. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 69, 196-208	3.5	130

72	The Modern Analytical Determination of Botanicals and Similar Novel Natural Products by the HPTLC Fingerprint Approach. <i>Studies in Natural Products Chemistry</i> , 2012 , 37, 217-258	1.5	11	
71	Nutritional Supplements. 2012 , 539-573			
70	Identification of a novel sildenafil analogue in an adulterated herbal supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 59, 58-66	3.5	35	
69	Analysis of herbal dietary supplements for sexual performance enhancement: first characterization of propoxyphenyl-thiohydroxyhomosildenafil and identification of sildenafil, thiosildenafil, phentolamine and tetrahydropalmatine as adulterants. <i>Journal of Pharmaceutical and Biomedical</i>	3.5	43	
68	Standardless 1H NMR determination of pharmacologically active substances in dietary supplements and medicines that have been illegally traded over the internet. <i>Drug Testing and Analysis</i> , 2013 , 5, 400-11	3.5	24	
67	Sildenafil citrate monohydrate-cyclodextrin nanosuspension complexes for use in metered-dose inhalers. <i>International Journal of Pharmaceutics</i> , 2013 , 455, 248-58	6.5	23	
66	Application of high-performance liquid chromatography with charged aerosol detection for universal quantitation of undeclared phosphodiesterase-5 inhibitors in herbal dietary supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 84, 232-43	3.5	26	
65	Simultaneous determination of 38 phosphodiestrase-5 inhibitors in illicit erectile dysfunction products by liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 83, 171-8	3.5	35	
64	Heteronuclear NMR provides an accurate assessment of therapeutic insulin's quality. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 78-79, 252-4	3.5	21	
63	Nuclear Magnetic Resonance Spectroscopy for Plant Metabolite Profiling. 2013, 57-76		7	
62	Analytical methods for the detection of undeclared synthetic drugs in traditional herbal medicines as adulterants. <i>Drug Testing and Analysis</i> , 2013 , 5, 607-13	3.5	25	
61	100 Chemical Myths. 2014 ,		4	
60	Fast detection of sildenafil in adulterated commercial products using differential scanning calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 115, 1907-1914	4.1	2	
59	Characterization of heroin samples by 1H NMR and 2D DOSY 1H NMR. <i>Forensic Science International</i> , 2014 , 234, 29-38	2.6	23	
58	Evaluation of a benchtop cryogen-free low-field IH NMR spectrometer for the analysis of sexual enhancement and weight loss dietary supplements adulterated with pharmaceutical substances. <i>Analytical Chemistry</i> , 2014 , 86, 11897-904	7.8	39	
57	Advanced Techniques for NMR Analysis of Complex Biological Mixtures E rom Simple NMR to Hyphenated Techniques. 2014 , 239-284			
56	Capillary electrophoretic methods for the screening and determination of pharmacologic adulterants in herbal-based pharmaceutical formulations. <i>Electrophoresis</i> , 2014 , 35, 3212-30	3.6	10	
55	Characterization of Sildenafil analogs by MS/MS and NMR: a guidance for detection and structure elucidation of phosphodiesterase-5 inhibitors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 96, 170-86	3.5	27	

54	Determination of flibanserin and tadalafil in supplements for women sexual desire enhancement using high-performance liquid chromatography with tandem mass spectrometer, diode array detector and charged aerosol detector. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 94, 45-	3.5 · 53	29
53	Screening of synthetic PDE-5 inhibitors and their analogues as adulterants: analytical techniques and challenges. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 87, 176-90	3.5	105
52	Chemometrics Applied to NMR Analysis. 2014 , 1-32		
51	QUALITY CONTROL AND QUALITY ASSURANCE OF PHYTOMEDICINES. 2015 , 18-48		2
50	Quality control assessment of polyherbal formulation based on a quantitative determination multimarker approach by ultra high performance liquid chromatography with tandem mass spectrometry using polarity switching combined with multivariate analysis. <i>Journal of Separation Science</i> , 2015 , 38, 3183-3191	3.4	6
49	. 2015,		3
48	New validation of molecular mass measurements by means of 2D DOSY 1H NMR experiments: Application to surfactants. <i>Comptes Rendus Chimie</i> , 2015 , 18, 187-192	2.7	4
47	Two dimensional NMR spectroscopic approaches for exploring plant metabolome: A review. <i>Journal of Advanced Research</i> , 2015 , 6, 3-15	13	78
46	Detection, identification and quantification by 1H NMR of adulterants in 150 herbal dietary supplements marketed for improving sexual performance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 102, 476-93	3.5	73
45	Modification of chitosan with monomethyl fumaric acid in an ionic liquid solution. <i>Carbohydrate Polymers</i> , 2015 , 117, 973-979	10.3	38
44	Some Aspects of the Problem of Adulterated Herbal Medicines by the Illegal Addition of Active Pharmaceutical Ingredients. 2016 , 06,		2
43	Anti-inflammatory and toxicological evaluation of Moussonia deppeana (Schldl. & Cham) Hanst and Verbascoside as a main active metabolite. <i>Journal of Ethnopharmacology</i> , 2016 , 187, 269-80	5	10
42	Adulteration of Dietary Supplements by the Illegal Addition of Synthetic Drugs: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016 , 15, 43-62	16.4	105
41	Liquid ChromatographyMass Spectrometry (LCMS): Approaches to Adulterant Detection in Herbal Products. 2016 , 73-95		3
40	Challenges to Practicing Sexual Medicine in the Middle East. Sexual Medicine Reviews, 2016, 4, 221-228	5.6	5
39	LC-ESI-MS/MS analysis of phosphodiesterase-5 inhibitors and their analogues in foods and dietary supplements in Korea. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2016 , 9, 1-8	3.3	20
38	Adulteration of herbal sexual enhancers and slimmers: The wish for better sexual well-being and perfect body can be risky. <i>Food and Chemical Toxicology</i> , 2017 , 108, 355-364	4.7	40
37	Resolving DOSY spectra of isomers by methanol-d solvent effects. <i>Magnetic Resonance in Chemistry</i> , 2017 , 55, 759-762	2.1	7

(2020-2017)

36	Design, synthesis, structure, toxicology and in vitro testing of three novel agents for Alzheimer disease. <i>RSC Advances</i> , 2017 , 7, 23457-23467	3.7	3
35	H NMR spectra dataset and solid-state NMR data of cowpea (). Data in Brief, 2017, 11, 136-146	1.2	7
34	Mutual Diffusion Driven NMR: a new approach for the analysis of mixtures by spatially resolved NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2017 , 55, 519-524	2.1	3
33	PALMA, an improved algorithm for DOSY signal processing. <i>Analyst, The</i> , 2017 , 142, 772-779	5	16
32	Green synthesis of silver nanoparticles using aqueous extract of saffron (Crocus sativus L.) wastages and its antibacterial activity against six bacteria. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017 , 7, 227-233	1.4	165
31	Pulsed-field gradient nuclear magnetic resonance measurements (PFG NMR) for diffusion ordered spectroscopy (DOSY) mapping. <i>Analyst, The</i> , 2017 , 142, 3771-3796	5	62
30	Exploring the Role of Solvent on Carbohydrate-Aryl Interactions by Diffusion NMR-Based Studies. <i>ACS Omega</i> , 2018 , 3, 536-543	3.9	2
29	HPLCIJV Chromatographic Methods for Detection and Quantification of Undeclared Withdrawn Synthetic Medications in Counterfeit Herbal Medicines with Confirmation by HPLCIPDA and Mass Spectrometry. <i>Chromatographia</i> , 2018 , 81, 777-783	2.1	11
28	NMR diffusometry data sampling optimization for mixture analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 148, 156-162	3.5	4
27	A review of synthetic phosphodiesterase type 5 inhibitors (PDE-5i) found as adulterants in dietary supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 147, 250-277	3.5	38
26	Unexploited Dimension: New Software for Mixture Analysis by 3D Diffusion-Ordered NMR Spectroscopy. <i>Analytical Chemistry</i> , 2018 , 90, 13695-13701	7.8	9
25	Nuclear Magnetic Resonance Spectroscopy Identification of Counterfeit Drugs and Herbal Medicine. 2018 , 182-182		
24	Unconventional synthesis, characterization and theoretical study (HF and DFT computations) of new cellulosic copper complex: benzyloxyethyl cellulose copper (CuBEC). <i>Cellulose</i> , 2018 , 25, 4375-438.	8 ^{5.5}	4
23	Identity Profiling of Complex Mixtures of Peptide Products by Structural and Mass Mobility Orthogonal Analysis. <i>Analytical Chemistry</i> , 2019 , 91, 14392-14400	7.8	9
22	Development of a skeleton-specific antibody and Au nanoparticle-based immunochromatographic sensor for simultaneous detection of various tadalafil adulterants in health food. <i>Food and Agricultural Immunology</i> , 2019 , 30, 349-368	2.9	9
21	Chemometrics Applied to Nuclear Magnetic Resonance Analysis. 2019 , 1-38		
20	On the diastereomeric purity of the D(-)-(2R)-ampicillin. <i>Magnetic Resonance in Chemistry</i> , 2020 , 58, 191	-12917	О
19	Hemisynthesis of coumarin derivatives from oil extract: organobase-catalyzed reaction, analytical study by diffusion-ordered spectroscopy NMR and differential scanning calorimetry. <i>Natural Product Research</i> , 2020 , 1-8	2.3	1

18	Metabolomics in the Context of Plant Natural Products Research: From Sample Preparation to Metabolite Analysis. <i>Metabolites</i> , 2020 , 10,	5.6	58
17	Determination of d-Cycloserine Impurities in Pharmaceutical Dosage Forms: Comparison of the International Pharmacopoeia HPLC-UV Method and the DOSY NMR Method. <i>Molecules</i> , 2020 , 25,	4.8	O
16	Adulterants in selected dietary supplements and their detection methods. <i>Drug Testing and Analysis</i> , 2020 , 12, 861-886	3.5	8
15	Structural Determination, Biological Function, and Molecular Modelling Studies of Sulfoaildenafil Adulterated in Herbal Dietary Supplement. <i>Molecules</i> , 2021 , 26,	4.8	1
14	Novel Strategy for the Recognition of Adulterant Vegetable Oils in Essential Oils Commonly Used in Food Industries by Applying C NMR Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 8276-8286	5.7	5
13	NMR technique and methodology in botanical health product analysis and quality control. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 207, 114376	3.5	2
12	[Dietary supplements on the domestic market adulterated with sildenafil and tadalafil]. <i>Orvosi Hetilap</i> , 2010 , 151, 1783-9	0.8	2
11	Simultaneous Determination of Synthetic Phosphodiesterase-5 Inhibitors in Dietary Supplements by Liquid Chromatography-High Resolution/Mass Spectrometry. <i>Mass Spectrometry Letters</i> , 2012 , 3, 5	0-53	8
10	Green Approaches to Environmental Sustainability. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019 , 81-101	0.4	
9	Acute cardiovascular disorders related to aphrodisiac honey ("Jaguar power") consumption: Warning of unintentional exposure to sildenafil <i>Revue De Medecine Interne</i> , 2022 , 43, 68-69	0.1	O
8	Lodenafil Profiles of Drug Substances, Excipients and Related Methodology, 2022, 47, 113-147	3	
7	Modern Methods for Identification and Quantitative Analysis of Undeclared Phosphodiesterase-5 Inhibitors as Pharmaceutically Active Substances in Dietary Supplements (Review). <i>Pharmaceutical Chemistry Journal</i> , 2022 , 55, 1395-1400	0.9	O
6	Valorization of Saffron Tepals for the Green Synthesis of Silver Nanoparticles and Evaluation of Their Efficiency Against Foodborne Pathogens. <i>Waste and Biomass Valorization</i> ,	3.2	O
5	NMR-Based Metabolomic Approach for Evaluation of the Harvesting Time and Cooking Characteristics of Different Cassava Genotypes. <i>Foods</i> , 2022 , 11, 1651	4.9	
4	NMR methods for the analysis of mixtures. 2022 , 58, 13855-13872		0
3	Theoretical analysis of flow effects in spatially-encoded diffusion NMR .		O
2	The POWER saga from 2007 to 2022: An example of a sexual enhancement dietary supplement tainted by different adulterants and still on the market. 2023 , 227, 115283		0
1	Rational method for defining and quantifying pseudo-components based on NMR spectroscopy. 2023 , 25, 10288-10300		O

CITATION REPORT