

Veronique Gilard

List of Publications by Year in Descending Order

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

81 papers	2,070 citations	28 h-index	42 g-index
82 ext. papers	2,311 ext. citations	4.2 avg, IF	4.57 L-index

#	Paper	IF	Citations
81	Quality assessment of Curcuma dietary supplements: Complementary data from LC-MS and H NMR.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 212, 114631	3.5	1
80	Current trends and advances in analytical techniques for the characterization and quantification of biologically recalcitrant organic species in sludge and wastewater: A review. <i>Analytica Chimica Acta</i> , 2021 , 1152, 338284	6.6	5
79	Luminescent lanthanide complexes for reactive oxygen species biosensing and possible application in Alzheimer's diseases. <i>FEBS Journal</i> , 2021 ,	5.7	1
78	Evaluation of low-field versus high-field proton NMR spectroscopy for quality control of cinnamon samples. <i>Journal of Food Composition and Analysis</i> , 2021 , 96, 103706	4.1	2
77	Synthetic cannabinoids in e-liquids: A proton and fluorine NMR analysis from a conventional spectrometer to a compact one. <i>Forensic Science International</i> , 2021 , 324, 110813	2.6	2
76	Chemometric Analysis of Low-field H NMR Spectra for Unveiling Adulteration of Slimming Dietary Supplements by Pharmaceutical Compounds. <i>Molecules</i> , 2020 , 25,	4.8	9
75	Comparative Chemical Profiling and Monacolins Quantification in Red Yeast Rice Dietary Supplements by H-NMR and UHPLC-DAD-MS. <i>Molecules</i> , 2020 , 25,	4.8	5
74	Isolation and identification of ten new sildenafil derivatives in an alleged herbal supplement for sexual enhancement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 191, 113482	3.5	0
73	Blue wine, a color obtained with synthetic blue dye addition: two case studies. <i>European Food Research and Technology</i> , 2019 , 245, 1777-1782	3.4	3
72	Urinary metabolomic signature of muscle-invasive bladder cancer: A multiplatform approach. <i>Talanta</i> , 2019 , 202, 572-579	6.2	11
71	Separation and Quantification of Sacubitril-Valsartan Combination in Tablets by a New Ion-pair HPLC. <i>Research Journal of Pharmacy and Technology</i> , 2019 , 12, 1017	1.7	5
70	Benchtop low-field H Nuclear Magnetic Resonance for detecting falsified medicines. <i>Talanta</i> , 2019 , 196, 163-173	6.2	16
69	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
68	Diffusion-ordered spectroscopy on a benchtop spectrometer for drug analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 160, 268-275	3.5	21
67	Identification of altered brain metabolites associated with TNAP activity in a mouse model of hypophosphatasia using untargeted NMR-based metabolomics analysis. <i>Journal of Neurochemistry</i> , 2017 , 140, 919-940	6	23
66	A revisited structure for nitrosoprodenafil from NMR, mass spectrometry, X-ray and hydrolysis data. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 135, 31-49	3.5	5
65	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

64	Screening of "spice" herbal mixtures: From high-field to low-field proton NMR. <i>Forensic Science International</i> , 2017 , 279, 88-95	2.6	26
63	Pulsed Field Gradient NMR with Sigmoid Shape Gradient Sampling To Produce More Detailed Diffusion Ordered Spectroscopy Maps of Real Complex Mixtures: Examples with Medicine Analysis. <i>Analytical Chemistry</i> , 2016 , 88, 3304-9	7.8	14
62	Proton NMR for detection, identification and quantification of adulterants in 160 herbal food supplements marketed for weight loss. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 34-47	3.5	42
61	Photochemical Degradation of the Anticancer Drug Bortezomib by V-UV/UV (185/254 nm) Investigated by (1)H NMR Fingerprinting: A Way to Follow Aromaticity Evolution. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 6215-22	2.8	1
60	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
59	Normalization and scaling effects on 1H NMR spectra in a metabolomics analysis of leukemic cells 2015 , 140-153		1
58	1H NMR metabolomic signatures in five brain regions of the APPswe Tg2576 mouse model of Alzheimer's disease at four ages. <i>Journal of Alzheimer's Disease</i> , 2014 , 39, 121-43	4.3	48
57	Characterization of heroin samples by 1H NMR and 2D DOSY 1H NMR. <i>Forensic Science International</i> , 2014 , 234, 29-38	2.6	23
56	Evaluation of a benchtop cryogen-free low-field 1H 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
55	First identification and quantification of lorcaserin in an herbal slimming dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 98, 94-9	3.5	15
54	1H NMR Analysis of Cerebrospinal Fluid from Alzheimer's Disease Patients: An Example of a Possible Misinterpretation Due to Non-Adjustment of pH. <i>Metabolites</i> , 2014 , 4, 115-28	5.6	9
53	A toolbox to explore NMR metabolomic data sets using the R environment. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013 , 126, 50-59	3.8	11
52	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
51	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 Analysis</i> , 2012 , 63, 135-50	3.5	43
50	Quality assessment of commercial Magnoliae officinalis Cortex by 1H-NMR-based metabolomics and HPLC methods. <i>Phytochemical Analysis</i> , 2012 , 23, 387-95	3.4	30
49	Metabolomic study of plasma of patients with abdominal aortic aneurysm. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 1651-60	4.4	18
48	pH optimization for a reliable quantification of brain tumor cell and tissue extracts with (1)H NMR: focus on choline-containing compounds and taurine. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 987-99	4.4	21
47	Quality Control of Herbal Medicines Assessed by NMR. <i>Current Pharmaceutical Analysis</i> , 2010 , 6, 234-245	5.6	22

46	Analysis of adulterated herbal medicines and dietary supplements marketed for weight loss by DOSY 1H-NMR. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010 , 27, 903-16	3.2	68
45	Counterfeit drugs: analytical techniques for their identification. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 77-92	4.4	81
44	Analysis of hydrophilic and lipophilic choline compounds in radioresistant and radiosensitive glioblastoma cell lines by HILIC-ESI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 2723-30	4.4	14
43	Interaction mechanisms between caffeine and polyphenols in infusions of <i>Camellia sinensis</i> leaves. <i>Food Chemistry</i> , 2010 , 119, 173-181	8.5	27
42	The usefulness of 2D DOSY and 3D DOSY-COSY 1H NMR for mixture analysis: application to genuine and fake formulations of sildenafil (Viagra). <i>Magnetic Resonance in Chemistry</i> , 2009 , 47 Suppl 1, S163-73	2.1	32
41	Two-dimensional DOSY experiment with Excitation Sculpting water suppression for the analysis of natural and biological media. <i>Journal of Magnetic Resonance</i> , 2009 , 196, 78-83	3	41
40	2D and 3D DOSY 1H NMR, a useful tool for analysis of complex mixtures: application to herbal drugs or dietary supplements for erectile dysfunction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 602-12	3.5	83
39	Improving metabolite knowledge in stable atherosclerosis patients by association and correlation of GC-MS and 1H NMR fingerprints. <i>Journal of Proteome Research</i> , 2009 , 8, 5580-9	5.6	63
38	Combining two-dimensional diffusion-ordered nuclear magnetic resonance spectroscopy, imaging desorption electrospray ionization mass spectrometry, and direct analysis in real-time mass spectrometry for the integral investigation of counterfeit pharmaceuticals. <i>Analytical Chemistry</i> , 2009 , 81, 4803-12	7.8	81
37	DOSY NMR for Drug Analysis 2008 , 269-289		11
36	Fluorine-19 or Phosphorus-31 NMR Spectroscopy 2008 , 369-406		
35	Quality assessment of fluoxetine and fluvoxamine pharmaceutical formulations purchased in different countries or via the Internet by 19F and 2D DOSY 1H NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 46, 707-22	3.5	32
34	Analysis of illegally manufactured formulations of tadalafil (Cialis) by 1H NMR, 2D DOSY 1H NMR and Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 103-13	3.5	76
33	Generic ciprofloxacin tablets contain the stated amount of drug and different impurity profiles: A 19F, 1H and DOSY NMR analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 743-54	3.5	22
32	In vivo 31P and 1H HR-MAS NMR spectroscopy analysis of the unstarved <i>Aporrectodea caliginosa</i> (Lumbricidae). <i>Biology and Fertility of Soils</i> , 2006 , 43, 191-198	6.1	26
31	Interest of fluorine-19 nuclear magnetic resonance spectroscopy in the detection, identification and quantification of metabolites of anticancer and antifungal fluoropyrimidine drugs in human biofluids. <i>Chemotherapy</i> , 2006 , 52, 215-9	3.2	14
30	Fluorine nuclear magnetic resonance spectroscopy of human biofluids in the field of metabolic studies of anticancer and antifungal fluoropyrimidine drugs. <i>Clinica Chimica Acta</i> , 2006 , 366, 61-73	6.2	44
29	Fluorine-19 or phosphorus-31 NMR spectroscopy: a suitable analytical technique for quantitative in vitro metabolic studies of fluorinated or phosphorylated drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 38, 871-91	3.5	82

28	Analysis of humic acids from aerated and non-aerated urban landfill composts. <i>International Biodeterioration and Biodegradation</i> , 2005 , 56, 8-16	4.8	57
27	Characterization of fulvic acids during olive mill waste composting (Elemental, Thermal and fluorescence analyses). <i>Chemistry and Ecology</i> , 2005 , 21, 313-324	2.3	5
26	Dichlorvos degradation studied by 31P-NMR. <i>Environmental Chemistry Letters</i> , 2004 , 2, 93-97	13.3	18
25	Characterization of fulvic acids by elemental and spectroscopic (FTIR and 13C-NMR) analyses during composting of olive mill wastes plus straw. <i>Bioresource Technology</i> , 2004 , 93, 285-90	11	75
24	Metabolism of a novel nucleoside analogue, OGT 719, in the isolated perfused rat liver model, in rats, in tumour models and in patients. <i>Xenobiotica</i> , 2003 , 33, 289-303	2	
23	Isolation of an unknown metabolite of capecitabine, an oral 5-fluorouracil prodrug, and its identification by nuclear magnetic resonance and liquid chromatography-tandem mass spectrometry as a glucuroconjugate of 5Udeoxy-5-fluorocytidine, namely 2U(beta-D-glucuronic acid)-5Udeoxy-5-fluorocytidine. <i>Journal of Chromatography B: Analytical Technology in the Biomedical Sciences</i> , 2003 , 801, 111-120	3.2	8
22	Characterization of humic acids produced during composting of olive mill wastes: elemental and spectroscopic analyses (FTIR and 13C-NMR). <i>Agronomy for Sustainable Development</i> , 2003 , 23, 661-666		38
21	Hydrolytic Pathway of Glufosfamide, a New Phosphorylated Anticancer Agent. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 1735-1738	1	1
20	Metabolism of capecitabine, an oral fluorouracil prodrug: (19)F NMR studies in animal models and human urine. <i>Drug Metabolism and Disposition</i> , 2002 , 30, 1221-9	4	67
19	Hydrolytic Pathway of Isophosphoramidate Mustard (IPM), the Cytotoxic Metabolite of the Anticancer Drug Ifosfamide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 1939-1940		1
18	Identification of new aqueous chemical degradation products of isophosphoramidate mustard. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 25, 669-78	3.5	6
17	Stability of commercial solutions of 5-fluorouracil for continuous infusion in an ambulatory pump. <i>Cancer Chemotherapy and Pharmacology</i> , 2000 , 46, 501-6	3.5	10
16	Fluorine nuclear magnetic resonance, a privileged tool for metabolic studies of fluoropyrimidine drugs. <i>Current Drug Metabolism</i> , 2000 , 1, 271-303	3.5	41
15	Alkaline Hydrolytic Pathway of the Antitumor Drug, Cyclophosphamide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 147, 235-235	1	0
14	Chemical stability and fate of the cytostatic drug ifosfamide and its N-dechloroethylated metabolites in acidic aqueous solutions. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 2542-60	8.3	48
13	Contribution of in vivo 1H spectroscopy to the diagnosis of deep-seated brain abscess. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1999 , 66, 120-1	5.5	5
12	Characterization of choline compounds with in vitro 1H magnetic resonance spectroscopy for the discrimination of primary brain tumors. <i>Investigative Radiology</i> , 1999 , 34, 230-5	10.1	49
11	The analysis of cyclophosphamide and its metabolites. <i>Current Pharmaceutical Design</i> , 1999 , 5, 561-86	3.3	15

10	Measurement of total water and bound water contents in human stratum corneum by in vitro proton nuclear magnetic resonance spectroscopy. <i>International Journal of Cosmetic Science</i> , 1998 , 20, 117-25	2.7	15
9	Urinary excretion of cyclophosphamide in humans, determined by phosphorus-31 nuclear magnetic resonance spectroscopy. <i>Drug Metabolism and Disposition</i> , 1998 , 26, 418-28	4	23
8	Urinary stability of carboxycyclophosphamide and carboxyifosfamide, two major metabolites of the anticancer drugs cyclophosphamide and ifosfamide. <i>Cancer Chemotherapy and Pharmacology</i> , 1997 , 40, 391-9	3.5	10
7	Stability of commercial formulations and aqueous solutions of ifosfamide: a reply. <i>Drug Metabolism and Disposition</i> , 1997 , 25, 927-31	4	1
6	Degradation Products of Cyclophosphamide Synthesis and Structural studies. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 109, 473-476	1	3
5	Structural determination of a glucuronide conjugate of flucytosine in humans. <i>Drug Metabolism and Disposition</i> , 1995 , 23, 813-7	4	7
4	Chemical and biological evaluation of hydrolysis products of cyclophosphamide. <i>Journal of Medicinal Chemistry</i> , 1994 , 37, 3986-93	8.3	23
3	Determination of the urinary excretion of ifosfamide and its phosphorylated metabolites by phosphorus-31 nuclear magnetic resonance spectroscopy. <i>Cancer Chemotherapy and Pharmacology</i> , 1993 , 31, 387-94	3.5	29
2	A new approach to the study of ifosfamide metabolism by the analysis of human body fluids with ³¹ P nuclear magnetic resonance spectroscopy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1992 , 260, 1133-44	4.7	24
1	Mass spectrometry as a tool for identifying group D2 corynebacteria by their fatty acid profiles. <i>Journal of General Microbiology</i> , 1991 , 137, 1903-9		14