

# Cristina Sottani

## List of Publications by Year in descending order

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53  
papers

1,742  
citations

304368

22  
h-index

315357

38  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peer Reviewed: Analytical Challenges Hamper Perfluoroalkyl Research. Environmental Science & Technology, 2004, 38, 248A-255A.	4.6	201
2	Biological and environmental monitoring of hospital personnel exposed to antineoplastic agents: a review of analytical methods. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 789, 169-209.	1.2	147
3	Application of high performance liquid chromatography/tandem mass spectrometry in the environmental and biological monitoring of health care personnel occupationally exposed to cyclophosphamide and ifosfamide. , 1998, 12, 1485-1493.		93
4	Biological monitoring of hospital personnel occupationally exposed to antineoplastic agents. Toxicology Letters, 2002, 134, 57-64.	0.4	85
5	Simultaneous determination of cyclophosphamide, ifosfamide, doxorubicin, epirubicin and daunorubicin in human urine using high-performance liquid chromatography/electrospray ionization tandem mass spectrometry: bioanalytical method validation. Rapid Communications in Mass Spectrometry, 2008, 22, 2645-2659.	0.7	79
6	OEM-TACE: A New Therapeutic Approach in Unresectable Intrahepatic Cholangiocarcinoma. CardioVascular and Interventional Radiology, 2009, 32, 1187-1192.	0.9	66
7	Occupational exposure to antineoplastic drugs in four Italian health care settings. Toxicology Letters, 2012, 213, 107-115.	0.4	64
8	Degradation studies of antibiotic MDL 62,879 (GE2270A) and revision of the structure. Tetrahedron, 1995, 51, 4867-4890.	1.0	62
9	An analysis to study trends in occupational exposure to antineoplastic drugs among health care workers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2593-2605.	1.2	62
10	High-performance liquid chromatography tandem mass spectrometry procedure with automated solid phase extraction sample preparation for the quantitative determination of paclitaxel (Taxol®) in human plasma. , 1998, 12, 251-255.		56
11	Trace determination of anthracyclines in urine: a new high-performance liquid chromatography/tandem mass spectrometry method for assessing exposure of hospital personnel. Rapid Communications in Mass Spectrometry, 2004, 18, 2426-2436.	0.7	53
12	Occupational exposure to antineoplastic drugs in seven Italian hospitals: The effect of quality assurance and adherence to guidelines. Journal of Oncology Pharmacy Practice, 2011, 17, 320-332.	0.5	51
13	Liquid-liquid extraction procedure for trace determination of cyclophosphamide in human urine by high-performance liquid chromatography tandem mass spectrometry. , 1998, 12, 1063-1068.		45
14	Simultaneous determination of gemcitabine, taxol, cyclophosphamide and ifosfamide in wipe samples by high-performance liquid chromatography/tandem mass spectrometry: protocol of validation and uncertainty of measurement. Rapid Communications in Mass Spectrometry, 2007, 21, 1289-1296.	0.7	41
15	Quantitative determination of perfluorooctanoic acid ammonium salt in human serum by high-performance liquid chromatography with atmospheric pressure chemical ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2002, 16, 650-654.	0.7	38
16	Farmers' exposure to herbicides in North Italy: Assessment under real-life conditions in small-size rice and corn farms. Toxicology Letters, 2012, 210, 189-197.	0.4	37
17	Determination of methotrexate in human urine at trace levels by solid phase extraction and high-performance liquid chromatography/tandem mass spectrometry. , 2000, 14, 173-179.		33
18	Matrix Performance in Matrix-assisted Laser Desorption/Ionization for Molecular Weight Determination in Sialyl and Non-sialyl Oligosaccharide Proteins. , 1997, 11, 907-913.		32

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19	Evaluation of phenylboronate agarose for industrial-scale purification of erythropoietin from mammalian cell cultures. <i>Journal of Biotechnology</i> , 2003, 101, 275-287.	1.9	32
20	Revised structure of the antibiotic GE 2270A.. <i>Journal of Antibiotics</i> , 1994, 47, 1564-1567.	1.0	28
21	Analytical method for the quantitative determination of urinary ethylenethiourea by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2253-2259.	0.7	28
22	Carboxamides and Hydrazone of Glycopeptide Antibiotic Eremomycin Synthesis and Antibacterial activity.. <i>Journal of Antibiotics</i> , 1996, 49, 194-198.	1.0	27
23	Monitoring Surface Contamination by Antineoplastic Drugs in Italian Hospitals: Performance-Based Hygienic Guidance Values (HGVs) Project. <i>Annals of Work Exposures and Health</i> , 2017, 61, 994-1002.	0.6	27
24	Inhibitors of myo-Inositol Monophosphatase, ATCC 20928 Factors A and C. Isolation, Physico-chemical Characterization and Biological Properties.. <i>Journal of Antibiotics</i> , 1996, 49, 611-616.	1.0	25
25	Validation of an LC-MS/MS method for the determination of epirubicin in human serum of patients undergoing Drug Eluting Microsphere-Transarterial Chemoembolization (DEM-TACE). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3543-3548.	1.2	25
26	Simultaneous measurement of doxorubicin and reduced metabolite doxorubicinol by UHPLC-MS/MS in human plasma of HCC patients treated with TACE. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 915-916, 71-78.	1.2	25
27	Human IL-1 receptor antagonist from <i>Escherichia coli</i> : Large-scale microbial growth and protein purification. <i>Journal of Biotechnology</i> , 1998, 64, 187-196.	1.9	22
28	Validated procedure for simultaneous trace level determination of the anti-cancer agent gemcitabine and its metabolite in human urine by high-performance liquid chromatography with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1017-1023.	0.7	22
29	Highly sensitive high-performance liquid chromatography/selective reaction monitoring mass spectrometry method for the determination of cyclophosphamide and ifosfamide in urine of health care workers exposed to antineoplastic agents. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2794-2800.	0.7	22
30	Selective Targeting of Cancer-Associated Fibroblasts by Engineered H-Ferritin Nanocages Loaded with Navitoclax. <i>Cells</i> , 2021, 10, 328.	1.8	22
31	Serum pharmacokinetics in patients treated with transarterial chemoembolization (TACE) using two types of epirubicin-loaded microspheres. <i>Anticancer Research</i> , 2012, 32, 1769-74.	0.5	22
32	Everolimus Nanoformulation in Biological Nanoparticles Increases Drug Responsiveness in Resistant and Low-Responsive Breast Cancer Cell Lines. <i>Pharmaceutics</i> , 2019, 11, 384.	2.0	18
33	Rapid and sensitive determination of paclitaxel (Taxol; $t_{1/2}$ ) in environmental samples by high-performance liquid chromatography tandem mass spectrometry. , 2000, 14, 930-935.		16
34	Paclitaxel-Loaded Silk Fibroin Nanoparticles: Method Validation by UHPLC-MS/MS to Assess an Exogenous Approach to Load Cytotoxic Drugs. <i>Pharmaceutics</i> , 2019, 11, 285.	2.0	15
35	Structural characterization of mono- and dihydroxylated metabolites of paclitaxel in rat bile using liquid chromatography/ion spray tandem mass spectrometry. , 1997, 11, 1025-1032.		14
36	Distribution Of Paclitaxel Within The Nervous System Of The Rat After Repeated Intravenous Administration. <i>Journal of the Peripheral Nervous System</i> , 2001, 6, 61-61.	1.4	14

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37	High-performance liquid chromatography/tandem mass spectrometry for the quantitative analysis of a novel taxane derivative (BAY59-8862) in biological samples and characterisation of its metabolic profile in rat bile samples. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1807-1816.	0.7	12
38	Chemical Composition of Essential Oil from Flowers of Five Fragrant <i>Dendrobium</i> (Orchidaceae). <i>Plants</i> , 2021, 10, 1718.	1.6	12
39	Validation protocol and analytical quality in biological monitoring of occupational exposure to antineoplastic drugs. <i>Toxicology Letters</i> , 2006, 162, 256-262.	0.4	10
40	Exposure to Antineoplastic Drugs in Occupational Settings: A Systematic Review of Biological Monitoring Data. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3737.	1.2	9
41	Occupational Exposure Assessment to Antineoplastic Drugs in Nine Italian Hospital Centers over a 5-Year Survey Program. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8601.	1.2	8
42	Chemical Composition of Essential Oil from Four Sympatric Orchids in NW-Italy. <i>Plants</i> , 2022, 11, 826.	1.6	7
43	A comparison between ion trap and triple quadrupole collision-results. <i>Organic Mass Spectrometry</i> , 1991, 26, 347-349.	1.3	6
44	Development and validation of a simple and versatile method for the quantification of everolimus loaded in H-ferritin nanocages using UHPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113644.	1.4	6
45	Collision spectroscopy in isomer characterization: The case of (E)- and (Z)-p-nitrophenyldiazotert-butyl sulphides. <i>Organic Mass Spectrometry</i> , 1992, 27, 169-173.	1.3	4
46	Studies on the interaction of elfamycin antibiotics with elongation factor-Tu by mass spectroscopic techniques. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 680-683.	0.7	3
47	A new, sensitive and versatile assay for quantitative determination of $\beta$ -fluoro- $\beta$ -alanine (AFBA) in human urine by using the reversed-phase ultrahigh performance-tandem mass spectrometry (rp-UHPLC-MS/MS) system. <i>Toxicology Letters</i> , 2018, 298, 164-170.	0.4	3
48	Validation of cleaning procedures used in an Italian Hospital Pharmacy for antineoplastic drug decontamination: a new tool for industrial hygiene. <i>Medicina Del Lavoro</i> , 2019, 110, 93-101.	0.3	3
49	Development and Validation of a Bioanalytical UHPLC-MS/MS Method Applied to Murine Liver Tissue for the Determination of Indocyanine Green Loaded in H-Ferritin Nanoparticles. <i>Frontiers in Chemistry</i> , 2021, 9, 784123.	1.8	3
50	Chemical Composition of the Essential Oils From Leaves and Flowers of <i>Passiflora sexocellata</i> and <i>Passiflora trifasciata</i> . <i>Natural Product Communications</i> , 2021, 16, 1934578X2110076.	0.2	2
51	Liquid-liquid extraction procedure for trace determination of cyclophosphamide in human urine by high-performance liquid chromatography tandem mass spectrometry. , 1998, 12, 1063.		2
52	Characterization of the Antibiotic GE2270 Complex by Combined Liquid Chromatography and Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 409-412.	0.7	1
53	889 CHEMOEMBOLIZATION WITH DRUG-ELUTING BEADS: RESULTS OF A COMPARISON STUDY BETWEEN HEPASPHERES <sup>®</sup> AND DC BEADS <sup>®</sup> LOADED WITH EPIRUBICIN. <i>Journal of Hepatology</i> , 2010, 52, S346.	1.8	0