

Anna Barbieri

List of Publications by Year in descending order

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29
papers

926
citations

393982

19
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

1234
citing authors

#	ARTICLE	IF	CITATIONS
1	The Background of Mitochondrial DNA Haplogroup J Increases the Sensitivity of Leber's Hereditary Optic Neuropathy Cells to 2,5-Hexanedione Toxicity. <i>PLoS ONE</i> , 2009, 4, e7922.	1.1	76
2	Validity of new biomarkers of internal dose for use in the biological monitoring of occupational and environmental exposure to low concentrations of benzene and toluene. <i>International Archives of Occupational and Environmental Health</i> , 2010, 83, 341-356.	1.1	68
3	Effects of environmental benzene: Micronucleus frequencies and haematological values in traffic police working in an urban area. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 583, 1-11.	0.9	59
4	Development and validation of a sensitive HPLC-ESI-MS/MS method for the direct determination of glucosamine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 844, 119-126.	1.2	56
5	Urban atmospheric pollution: Personal exposure versus fixed monitoring station measurements. <i>Chemosphere</i> , 2006, 64, 1722-1729.	4.2	53
6	A new high-performance liquid chromatographic/electrospray ionization tandem mass spectrometric method for the simultaneous determination of cyclophosphamide, methotrexate and 5-fluorouracil as markers of surface contamination for occupational exposure monitoring. <i>Journal of Mass Spectrometry</i> , 2005, 40, 669-674.	0.7	47
7	Simultaneous determination of low levels of methotrexate and cyclophosphamide in human urine by micro liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1889-1893.	0.7	45
8	Urinary biomarkers and low-level environmental benzene concentration: Assessing occupational and general exposure. <i>Chemosphere</i> , 2008, 74, 64-69.	4.2	43
9	Exposure to low environmental levels of benzene: Evaluation of micronucleus frequencies and S-phenylmercapturic acid excretion in relation to polymorphisms in genes encoding metabolic enzymes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 719, 7-13.	0.9	42
10	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. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1289-1296.	0.7	41
11	A method for routine quantitation of urinary 8-hydroxy-2'-deoxyguanosine based on solid-phase extraction and micro-high-performance liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 147-152.	0.7	40
12	A rapid and sensitive method for methyl tert-butyl ether analysis in water samples by use of solid phase microextraction and gas chromatography-mass spectrometry. <i>Chemosphere</i> , 2001, 44, 539-544.	4.2	39
13	Biomonitoring of exposure to nitrous oxide, sevoflurane, isoflurane and halothane by automated GC/MS headspace urinalysis. <i>International Archives of Occupational and Environmental Health</i> , 2001, 74, 541-548.	1.1	39
14	Validation of an HPLC-MS/MS method for the simultaneous determination of phenylmercapturic acid, benzylmercapturic acid and o-methylbenzyl mercapturic acid in urine as biomarkers of exposure to benzene, toluene and xylenes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 863, 115-122.	1.2	38
15	Micronuclei and chromosome aberrations in subjects occupationally exposed to antineoplastic drugs: a multicentric approach. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 683-695.	1.1	37
16	Simultaneous determination of t,t-muconic, S-phenylmercapturic and S-benzylmercapturic acids in urine by a rapid and sensitive liquid chromatography/electrospray tandem mass spectrometry method. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1983-1988.	0.7	34
17	Biomarkers of internal dose for the assessment of environmental exposure to benzene. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2921.	2.1	31
18	Lack of correlation between environmental or biological indicators of benzene exposure at parts per billion levels and micronuclei induction. <i>Environmental Research</i> , 2003, 91, 135-142.	3.7	26

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19	A study protocol for the evaluation of occupational mutagenic/carcinogenic risks in subjects exposed to antineoplastic drugs: a multicentric project. <i>BMC Public Health</i> , 2011, 11, 195.	1.2	22
20	Development and validation of a capillary high-performance liquid chromatography/electrospray tandem mass spectrometric method for the quantification of bisphenol A in air samples. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3468-3472.	0.7	16
21	FAILURE OF URINARY <i>trans,trans</i> -MUCONIC ACID AS A BIOMARKER FOR INDOOR ENVIRONMENTAL BENZENE EXPOSURE AT PPB LEVELS. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2001, 63, 599-604.	1.1	14
22	Lack of Sensitivity of Urinary <i>trans,trans</i> -Muconic Acid in Determining Low-Level (ppb) Benzene Exposure in Children. <i>Archives of Environmental Health</i> , 2002, 57, 224-228.	0.4	13
23	<scp>DNA</scp> damage and repair capacity in workers exposed to low concentrations of benzene. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 151-158.	0.9	13
24	Enflurane as an internal standard in monitoring halogenated volatile anaesthetics by headspace gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 985, 259-264.	1.8	9
25	Biological monitoring of exposure to low concentrations of benzene in workers at a metallurgical coke production plant: new insights into S-phenylmercapturic acid and urinary benzene. <i>Biomarkers</i> , 2018, 23, 70-77.	0.9	9
26	Carcinoma of the Pharynx and Tonsils in an Occupational Cohort of Asphalt Workers. <i>Epidemiology</i> , 2013, 24, 100-103.	1.2	4
27	Urinary biomarkers of nucleic acid oxidation and methylation in workers exposed to low concentrations of benzene. <i>Toxicology Letters</i> , 2020, 331, 235-241.	0.4	4
28	LDA-promoted decomposition of benzenesulfenamides. A route to aminyl radicals by dioxygen oxidation of lithium amides. <i>Tetrahedron</i> , 1996, 52, 13255-13264.	1.0	3
29	Assessment of Environmental Exposure to Benzene: Traditional and New Biomarkers of Internal Dose. , 2011, , .		2