

Anna Barbieri

List of Publications by Year in descending order

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papers

926
citations

394421

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477307

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#	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. PLoS ONE, 2009, 4, e7922.	2.5	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. International Archives of Occupational and Environmental Health, 2010, 83, 341-356.	2.3	68
3	Effects of environmental benzene: Micronucleus frequencies and haematological values in traffic police working in an urban area. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 583, 1-11.	1.7	59
4	Development and validation of a sensitive HPLC-ESI-MS/MS method for the direct determination of glucosamine in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 844, 119-126.	2.3	56
5	Urban atmospheric pollution: Personal exposure versus fixed monitoring station measurements. Chemosphere, 2006, 64, 1722-1729.	8.2	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. Journal of Mass Spectrometry, 2005, 40, 669-674.	1.6	47
7	Simultaneous determination of low levels of methotrexate and cyclophosphamide in human urine by micro liquid chromatography/electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2006, 20, 1889-1893.	1.5	45
8	Urinary biomarkers and low-level environmental benzene concentration: Assessing occupational and general exposure. Chemosphere, 2008, 74, 64-69.	8.2	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. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 719, 7-13.	1.7	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. Rapid Communications in Mass Spectrometry, 2007, 21, 1289-1296.	1.5	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. Rapid Communications in Mass Spectrometry, 2005, 19, 147-152.	1.5	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. Chemosphere, 2001, 44, 539-544.	8.2	39
13	Biomonitoring of exposure to nitrous oxide, sevoflurane, isoflurane and halothane by automated GC/MS headspace urinalysis. International Archives of Occupational and Environmental Health, 2001, 74, 541-548.	2.3	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 863, 115-122.	2.3	38
15	Micronuclei and chromosome aberrations in subjects occupationally exposed to antineoplastic drugs: a multicentric approach. International Archives of Occupational and Environmental Health, 2015, 88, 683-695.	2.3	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. Rapid Communications in Mass Spectrometry, 2004, 18, 1983-1988.	1.5	34
17	Biomarkers of internal dose for the assessment of environmental exposure to benzene. Journal of Environmental Monitoring, 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. Environmental Research, 2003, 91, 135-142.	7.5	26

#	ARTICLE	IF	CITATIONS
19	A study protocol for the evaluation of occupational mutagenic/carcinogenic risks in subjects exposed to antineoplastic drugs: a multicentric project. BMC Public Health, 2011, 11, 195.	2.9	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. Rapid Communications in Mass Spectrometry, 2005, 19, 3468-3472.	1.5	16
21	FAILURE OF URINARYtrans,trans-MUCONIC ACID AS A BIOMARKER FOR INDOOR ENVIRONMENTAL BENZENE EXPOSURE AT PPB LEVELS. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2001, 63, 599-604.	2.3	14
22	Lack of Sensitivity of Urinary<i>Trans, Trans</i>, -Muconic Acid in Determining Low-Level (ppb) Benzene Exposure in Children. Archives of Environmental Health, 2002, 57, 224-228.	0.4	13
23	<scp>DNA</scp> damage and repair capacity in workers exposed to low concentrations of benzene. Environmental and Molecular Mutagenesis, 2016, 57, 151-158.	2.2	13
24	Enflurane as an internal standard in monitoring halogenated volatile anaesthetics by headspace gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2003, 985, 259-264.	3.7	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. Biomarkers, 2018, 23, 70-77.	1.9	9
26	Carcinoma of the Pharynx and Tonsils in an Occupational Cohort of Asphalt Workers. Epidemiology, 2013, 24, 100-103.	2.7	4
27	Urinary biomarkers of nucleic acid oxidation and methylation in workers exposed to low concentrations of benzene. Toxicology Letters, 2020, 331, 235-241.	0.8	4
28	LDA-promoted decomposition of benzenesulfenamides. A route to aminyl radicals by dioxygen oxidation of lithium amides. Tetrahedron, 1996, 52, 13255-13264.	1.9	3
29	Assessment of Environmental Exposure to Benzene: Traditional and New Biomarkers of Internal Dose. , 2011,, .		2