Giovanna Tranfo

List of Publications by Year
in descending order

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Version: 2024-02-01

63	1,331	304602	395590
papers	citations	22 h-index	33 g-index

73	73	73	1838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Urinary phthalate monoesters concentration in couples with infertility problems. Toxicology Letters, 2012, 213, 15-20.	0.4	79
2	Comparison of exposure assessment methods in occupational exposure to benzene in gasoline filling-station attendants. Toxicology Letters, 2006, 162, 146-152.	0.4	63
3	Low air levels of benzene: Correlation between biomarkers of exposure and genotoxic effects. Toxicology Letters, 2010, 192, 22-28.	0.4	62
4	First Results of the â€œCarbonaceous Aerosol in Rome and Environs (CARE)â€•Experiment: Beyond Current Standards for PM10. Atmosphere, 2017, 8, 249.	1.0	54
5	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
6	Occupational exposure to antineoplastic agents induces a high level of chromosome damage. Lack of an effect of GST polymorphisms. Toxicology and Applied Pharmacology, 2007, 223, 46-55.	1.3	48
7	Correlation between environmental and biological monitoring of exposure to benzene in petrochemical industry operators. Toxicology Letters, 2010, 192, 17-21.	0.4	47
8	Safe and Effective Use of Ozone as Air and Surface Disinfectant in the Conjuncture of Covid-19. Gases, 2021, 1, 19-32.	1.0	47
9	Determination of free and totalS-phenylmercapturic acid by HPLC/MS/MS in the biological monitoring of benzene exposure. Biomarkers, 2007, 12, 111-122.	0.9	44
10	Urinary metabolite concentrations of phthalate metabolites in Central Italy healthy volunteers determined by a validated HPLC/MS/MS analytical method. International Journal of Hygiene and Environmental Health, 2013, 216, 481-485.	2.1	43
11	Cross Sectional Study on Exposure to BPA and Phthalates and Semen Parameters in Men Attending a Fertility Center. International Journal of Environmental Research and Public Health, 2020, 17, 489.	1.2	41
12	Comparison between external and internal standard calibration in the validation of an analytical method for 1-hydroxypyrene in human urine by high-performance liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2006, 20, 1013-1018.	0.7	40
13	Low occupational exposure to benzene in a petrochemical plant: Modulating effect of genetic polymorphisms and smoking habit on the urinary t,t-MA/SPMA ratio. Toxicology Letters, 2012, 213, 57-62.	0.4	35
14	Validation of an HPLC/MS/MS method with isotopic dilution for quantitative determination of trans,trans-muconic acid in urine samples of workers exposed to low benzene concentrations. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 867, 26-31.	1.2	30
15	Temporal Trends of Urinary Phthalate Concentrations in Two Populations: Effects of REACH Authorization after Five Years. International Journal of Environmental Research and Public Health, 2018, 15, 1950.	1.2	30
16	Circulating microRNAs as potential biomarkers of occupational exposure to low dose organic solvents. Toxicology Reports, 2019, 6, 126-135.	1.6	30
17	Influence of glutathione S-transferases polymorphisms on biological monitoring of exposure to low doses of benzene. Toxicology Letters, 2012, 213, 63-68.	0.4	28
18	Indoor Exposure to Airborne Endotoxin: A Review of the Literature on Sampling and Analysis Methods. Industrial Health, 2013, 51, 237-255.	0.4	27

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19	Urinary Cotinine Concentration and Self-Reported Smoking Status in 1075 Subjects Living in Central Italy. International Journal of Environmental Research and Public Health, 2018, 15, 804.	1.2	27
20	Association of exposure to benzene and smoking with oxidative damage to nucleic acids by means of biological monitoring of general population volunteers. Environmental Science and Pollution Research, 2017, 24, 13885-13894.	2.7	25
21	An optimized sampling and GCÃ¢Â€Â“MS analysis method for benzene in exhaled breath, as a biomarker for occupational exposure. Talanta, 1999, 50, 409-412.	2.9	24
22	Otoacoustic emission sensitivity to exposure to styrene and noise. Journal of the Acoustical Society of America, 2013, 134, 3739-3748.	0.5	23
23	Biological monitoring of low level exposure to benzene in an oil refinery: Effect of modulating factors. Toxicology Letters, 2018, 298, 70-75.	0.4	23
24	Biomarkers of susceptibility following benzene exposure: influence of genetic polymorphisms on benzene metabolism and health effects. Biomarkers in Medicine, 2016, 10, 145-163.	0.6	21
25	Levels of Urinary Biomarkers of Oxidatively Generated Damage to DNA and RNA in Different Groups of Workers Compared to General Population. International Journal of Environmental Research and Public Health, 2019, 16, 2995.	1.2	21
26	Biomonitoring of Urinary Benzene Metabolite SPMA in the General Population in Central Italy. Toxics, 2018, 6, 37.	1.6	18
27	Cytogenetic biomonitoring on a group of petroleum refinery workers. Environmental and Molecular Mutagenesis, 2011, 52, 440-447.	0.9	17
28	Influence of genetic polymorphism on t,t-MA/S-PMA ratio in 301 benzene exposed subjects. Toxicology Letters, 2014, 231, 205-212.	0.4	17
29	Quantification of 1-hydroxypyrene, 1- and 2-hydroxynaphthalene, 3-hydroxybenzo[a]pyrene and 6-hydroxynitropyrene by HPLC-MS/MS in human urine as exposure biomarkers for environmental and occupational surveys. Biomarkers, 2017, 22, 575-583.	0.9	17
30	Levels of urinary metabolites of four PAHs and cotinine determined in 1016 volunteers living in Central Italy. Environmental Science and Pollution Research, 2018, 25, 28772-28779.	2.7	17
31	Biomarkers of early genotoxicity and oxidative stress for occupational risk assessment of exposure to styrene in the fibreglass reinforced plastic industry. Toxicology Letters, 2018, 298, 53-59.	0.4	17
32	Evidence of association between aerosol properties and in-vitro cellular oxidative response to PM1, oxidative potential of PM2.5, a biomarker of RNA oxidation, and its dependency on combustion sources. Atmospheric Environment, 2019, 213, 444-455.	1.9	17
33	Oxidative stress biomarkers and otoacoustic emissions in humans exposed to styrene and noise. International Journal of Audiology, 2016, 55, 523-531.	0.9	16
34	Effect of Benzene Exposure on the Urinary Biomarkers of Nucleic Acid Oxidation in Two Cohorts of Gasoline Pump Attendants. International Journal of Environmental Research and Public Health, 2019, 16, 129.	1.2	16
35	Direct and Oxidative DNA Damage in a Group of Painters Exposed to VOCs: Dose â€“ Response Relationship. Frontiers in Public Health, 2020, 8, 445.	1.3	15
36	Aspergillus Species Discrimination Using a Gas Sensor Array. Sensors, 2020, 20, 4004.	2.1	14

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37	Female Reproductive Health and Exposure to Phthalates and Bisphenol A: A Cross Sectional Study. Toxics, 2021, 9, 299.	1.6	13
38	Influence of genetic polymorphisms of styrene-metabolizing enzymes on the levels of urinary biomarkers of styrene exposure. Toxicology Letters, 2015, 233, 156-162.	0.4	11
39	Occupational exposure to volatile organic compounds affects microRNA profiling: Towards the identification of novel biomarkers. Toxicology Reports, 2020, 7, 700-710.	1.6	11
40	Biomonitoring for Exposure Assessment to Styrene in the Fibreglass Reinforced Plastic Industry: Determinants and Interferents. Annals of Occupational Hygiene, 2015, 59, 1000-1011.	1.9	10
41	Urinary Oxidative Stress Biomarkers in Workers of a Titanium Dioxide Based Pigment Production Plant. International Journal of Environmental Research and Public Health, 2020, 17, 9085.	1.2	10
42	Occupational Exposure in Industrial Painters: Sensitive and Noninvasive Biomarkers to Evaluate Early Cytotoxicity, Genotoxicity and Oxidative Stress. International Journal of Environmental Research and Public Health, 2021, 18, 4645.	1.2	10
43	Occupational exposure to styrene in the fibreglass reinforced plastic industry: comparison between two different manufacturing processes. Medicina Del Lavoro, 2012, 103, 402-12.	0.3	10
44	Quantitative determination of the 1,3-butadiene urinary metabolite 1,2-dihydroxybutyl mercapturic acid by high-performance liquid chromatography/tandem mass spectrometry using polynomial calibration curvesâ˜†. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1388-1393.	1.2	9
45	Validation of a radial diffusive sampler for measuring occupational exposure to 1,3-butadiene. Journal of Chromatography A, 2014, 1353, 114-120.	1.8	9
46	Distortion product otoacoustic emission sensitivity to different solvents in a population of industrial painters. International Journal of Audiology, 2020, 59, 443-454.	0.9	9
47	Oxidative Stress Biomarkers in Urine of Metal Carpentry Workers Can Be Diagnostic for Occupational Exposure to Low Level of Welding Fumes from Associated Metals. Cancers, 2021, 13, 3167.	1.7	9
48	Phenyl-modified hybrid organic-inorganic microporous films as high efficient platforms for styrene sensing. Microporous and Mesoporous Materials, 2020, 294, 109877.	2.2	8
49	Targeted and untargeted metabolomics applied to occupational exposure to hyperbaric atmosphere. Toxicology Letters, 2020, 328, 28-34.	0.4	8
50	Is it possible to use biomonitoring for the quantitative assessment of formaldehyde occupational exposure?. Biomarkers in Medicine, 2016, 10, 1287-1303.	0.6	7
51	The Growing Importance of the Human Biomonitoring of Exposure. International Journal of Environmental Research and Public Health, 2020, 17, 3934.	1.2	6
52	Comparison of hydrolysis and HPLC/MS/MS procedure with ELISA assay for the determination of S-phenylmercapturic acid as a biomarker of benzene exposure in human urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2529-2533.	1.2	5
53	Susceptibility biomarker detection in urine exfoliate DNA. Biomarkers in Medicine, 2017, 11, 957-966.	0.6	5
54	Phthalate Exposure and Biomarkers of Oxidation of Nucleic Acids: Results on Couples Attending a Fertility Center. Toxics, 2022, 10, 61.	1.6	5

#	Article	IF	Citations
55	High-performance liquid chromatographic determination of n-methylformamide, a biological index for occupational exposure to dimethylformamide. Journal of Chromatography A, 1999, 847, 19-24.	1.8	4
56	Validation of a high performance liquid chromatography-tandem mass spectrometry method for Î²-hydroxy fatty acids as environmental markers of lipopolysaccharide. Journal of Chromatography A, 2014, 1353, 65-70.	1.8	4
57	Low-Cost Benzene Toluene Xylene Measurement Gas System Based on the Mini Chromatographic Cartridge. Sensors, 2021, 21, 125.	2.1	4
58	LC Determination of the Skin Exposure to Oxamyl on Greenhouse Workers and Comparison Between DAD and MSâ€“MS Detection. Chromatographia, 2010, 72, 281-287.	0.7	3
59	Chemometric Study of the Correlation between Human Exposure to Benzene and PAHs and Urinary Excretion of Oxidative Stress Biomarkers. Atmosphere, 2020, 11, 1341.	1.0	3
60	Interception Systems in Assessment of Dermal Exposure to Pesticides: Laboratory Comparison of Media. International Journal of Environmental Research and Public Health, 2020, 17, 4389.	1.2	2
61	Biomonitoring of Exposure to Urban Pollutants and Oxidative Stress during the COVID-19 Lockdown in Rome Residents. Toxics, 2022, 10, 267.	1.6	2
62	Editorial (Mini Hot-Topic: Analytical Chemistry Meets Occupational Toxicology: How the Technical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2013, 9, 438-438.	0.6	1
63	Hyperbaric Exposure of Scuba Divers Affects the Urinary Excretion of Nucleic Acid Oxidation Products and Hypoxanthine. International Journal of Environmental Research and Public Health, 2022, 19, 3005.	1.2	1