

Giovanna Tranfo

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.

58

papers

971

citations

19

h-index

28

g-index

73

ext. papers

1,146

ext. citations

3.4

avg. IF

4.05

L-index

#	Paper	IF	Citations
58	Role of Sensors for Volatile Chemicals in the Prevention of Occupational Diseases. <i>Lecture Notes in Electrical Engineering</i> , 2023 , 127-132	0.2	
57	Biomonitoring of Exposure to Urban Pollutants and Oxidative Stress during the COVID-19 Lockdown in Rome Residents. <i>Toxics</i> , 2022 , 10, 267	4.7	1
56	Female Reproductive Health and Exposure to Phthalates and Bisphenol A: A Cross Sectional Study. <i>Toxics</i> , 2021 , 9,	4.7	2
55	Safe and Effective Use of Ozone as Air and Surface Disinfectant in the Conjunction of Covid-19. <i>Gases</i> , 2021 , 1, 19-32		15
54	Occupational Exposure in Industrial Painters: Sensitive and Noninvasive Biomarkers to Evaluate Early Cytotoxicity, Genotoxicity and Oxidative Stress. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
53	Urinary Oxidative Stress Biomarkers in Workers of a Titanium Dioxide Based Pigment Production Plant. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
52	Occupational exposure to volatile organic compounds affects microRNA profiling: Towards the identification of novel biomarkers. <i>Toxicology Reports</i> , 2020 , 7, 700-710	4.8	6
51	Cross Sectional Study on Exposure to BPA and Phthalates and Semen Parameters in Men Attending a Fertility Center. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	23
50	Targeted and untargeted metabolomics applied to occupational exposure to hyperbaric atmosphere. <i>Toxicology Letters</i> , 2020 , 328, 28-34	4.4	4
49	Low-Cost Benzene Toluene Xylene Measurement Gas System Based on the Mini Chromatographic Cartridge. <i>Sensors</i> , 2020 , 21,	3.8	1
48	Distortion product otoacoustic emission sensitivity to different solvents in a population of industrial painters. <i>International Journal of Audiology</i> , 2020 , 59, 443-454	2.6	4
47	Phenyl-modified hybrid organic-inorganic microporous films as high efficient platforms for styrene sensing. <i>Microporous and Mesoporous Materials</i> , 2020 , 294, 109877	5.3	5
46	Species Discrimination Using a Gas Sensor Array. <i>Sensors</i> , 2020 , 20,	3.8	7
45	Direct and Oxidative DNA Damage in a Group of Painters Exposed to VOCs: Dose - Response Relationship. <i>Frontiers in Public Health</i> , 2020 , 8, 445	6	6
44	Chemometric Study of the Correlation between Human Exposure to Benzene and PAHs and Urinary Excretion of Oxidative Stress Biomarkers. <i>Atmosphere</i> , 2020 , 11, 1341	2.7	1
43	Levels of Urinary Biomarkers of Oxidatively Generated Damage to DNA and RNA in Different Groups of Workers Compared to General Population. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	13
42	Effect of Benzene Exposure on the Urinary Biomarkers of Nucleic Acid Oxidation in Two Cohorts of Gasoline Pump Attendants. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	13

41	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. <i>Atmospheric Environment</i> , 2019 , 213, 444-455	5.3	13
40	Circulating microRNAs as potential biomarkers of occupational exposure to low dose organic solvents. <i>Toxicology Reports</i> , 2019 , 6, 126-135	4.8	21
39	Levels of urinary metabolites of four PAHs and cotinine determined in 1016 volunteers living in Central Italy. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 28772-28779	5.1	6
38	Biological monitoring of low level exposure to benzene in an oil refinery: Effect of modulating factors. <i>Toxicology Letters</i> , 2018 , 298, 70-75	4.4	12
37	Biomonitoring of Urinary Benzene Metabolite SPMA in the General Population in Central Italy. <i>Toxics</i> , 2018 , 6,	4.7	9
36	Biomarkers of early genotoxicity and oxidative stress for occupational risk assessment of exposure to styrene in the fibreglass reinforced plastic industry. <i>Toxicology Letters</i> , 2018 , 298, 53-59	4.4	12
35	Urinary Cotinine Concentration and Self-Reported Smoking Status in 1075 Subjects Living in Central Italy. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	19
34	Temporal Trends of Urinary Phthalate Concentrations in Two Populations: Effects of REACH Authorization after Five Years. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	18
33	Association of exposure to benzene and smoking with oxidative damage to nucleic acids by means of biological monitoring of general population volunteers. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 13885-13894	5.1	19
32	Susceptibility biomarker detection in urine exfoliate DNA. <i>Biomarkers in Medicine</i> , 2017 , 11, 957-966	2.3	5
31	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. <i>Biomarkers</i> , 2017 , 22, 575-583	2.6	14
30	First Results of the Carbonaceous Aerosol in Rome and Environs (CARE) Experiment: Beyond Current Standards for PM10. <i>Atmosphere</i> , 2017 , 8, 249	2.7	42
29	Oxidative stress biomarkers and otoacoustic emissions in humans exposed to styrene and noise. <i>International Journal of Audiology</i> , 2016 , 55, 523-31	2.6	12
28	Biomarkers of susceptibility following benzene exposure: influence of genetic polymorphisms on benzene metabolism and health effects. <i>Biomarkers in Medicine</i> , 2016 , 10, 145-63	2.3	17
27	Is it possible to use biomonitoring for the quantitative assessment of formaldehyde occupational exposure?. <i>Biomarkers in Medicine</i> , 2016 , 10, 1287-1303	2.3	4
26	Biomonitoring for Exposure Assessment to Styrene in the Fibreglass Reinforced Plastic Industry: Determinants and Interferents. <i>Annals of Occupational Hygiene</i> , 2015 , 59, 1000-11		9
25	Influence of genetic polymorphisms of styrene-metabolizing enzymes on the levels of urinary biomarkers of styrene exposure. <i>Toxicology Letters</i> , 2015 , 233, 156-62	4.4	10
24	Validation of a radial diffusive sampler for measuring occupational exposure to 1,3-butadiene. <i>Journal of Chromatography A</i> , 2014 , 1353, 114-20	4.5	7

23	Validation of a high performance liquid chromatography-tandem mass spectrometry method for Ehydroxy fatty acids as environmental markers of lipopolysaccharide. <i>Journal of Chromatography A</i> , 2014 , 1353, 65-70	4.5	3
22	Influence of genetic polymorphism on t,t-MA/S-PMA ratio in 301 benzene exposed subjects. <i>Toxicology Letters</i> , 2014 , 231, 205-12	4.4	14
21	Urinary metabolite concentrations of phthalate metabolites in Central Italy healthy volunteers determined by a validated HPLC/MS/MS analytical method. <i>International Journal of Hygiene and Environmental Health</i> , 2013 , 216, 481-5	6.9	37
20	Otoacoustic emission sensitivity to exposure to styrene and noise. <i>Journal of the Acoustical Society of America</i> , 2013 , 134, 3739-48	2.2	19
19	Indoor exposure to airborne endotoxin: a review of the literature on sampling and analysis methods. <i>Industrial Health</i> , 2013 , 51, 237-55	2.5	24
18	Influence of glutathione S-transferases polymorphisms on biological monitoring of exposure to low doses of benzene. <i>Toxicology Letters</i> , 2012 , 213, 63-8	4.4	24
17	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. <i>Toxicology Letters</i> , 2012 , 213, 57-62	4.4	30
16	Urinary phthalate monoesters concentration in couples with infertility problems. <i>Toxicology Letters</i> , 2012 , 213, 15-20	4.4	68
15	Occupational exposure to styrene in the fibreglass reinforced plastic industry: comparison between two different manufacturing processes. <i>Medicina Del Lavoro</i> , 2012 , 103, 402-12	1.9	9
14	Cytogenetic biomonitoring on a group of petroleum refinery workers. <i>Environmental and Molecular Mutagenesis</i> , 2011 , 52, 440-7	3.2	17
13	Low air levels of benzene: correlation between biomarkers of exposure and genotoxic effects. <i>Toxicology Letters</i> , 2010 , 192, 22-8	4.4	55
12	Correlation between environmental and biological monitoring of exposure to benzene in petrochemical industry operators. <i>Toxicology Letters</i> , 2010 , 192, 17-21	4.4	39
11	LC Determination of the Skin Exposure to Oxamyl on Greenhouse Workers and Comparison Between DAD and MS/MS Detection. <i>Chromatographia</i> , 2010 , 72, 281-287	2.1	1
10	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2529-33	3.2	3
9	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 curves. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 1388-93	3.2	8
8	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 867, 26-31	3.2	24
7	Occupational exposure to antineoplastic agents induces a high level of chromosome damage. Lack of an effect of GST polymorphisms. <i>Toxicology and Applied Pharmacology</i> , 2007 , 223, 46-55	4.6	39
6	Determination of free and total S-phenylmercapturic acid by HPLC/MS/MS in the biological monitoring of benzene exposure. <i>Biomarkers</i> , 2007 , 12, 111-22	2.6	30

5	Comparison of exposure assessment methods in occupational exposure to benzene in gasoline filling-station attendants. <i>Toxicology Letters</i> , 2006 , 162, 146-52	4.4	55
4	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. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 1013-8	2.2	36
3	Trace determination of anthracyclines in urine: a new high-performance liquid chromatography/tandem mass spectrometry method for assessing exposure of hospital personnel. <i>Rapid Communications in Mass Spectrometry</i> , 2004 , 18, 2426-36	2.2	45
2	High-performance liquid chromatographic determination of n-methylformamide, a biological index for occupational exposure to dimethylformamide. <i>Journal of Chromatography A</i> , 1999 , 847, 19-24	4.5	3
1	An optimized sampling and GC-MS analysis method for benzene in exhaled breath, as a biomarker for occupational exposure. <i>Talanta</i> , 1999 , 50, 409-12	6.2	22