

# Maurizio Manno

## List of Publications by Citations

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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.

60  
papers

1,249  
citations

19  
h-index

33  
g-index

72  
ext. papers

1,328  
ext. citations

5.3  
avg, IF

3.61  
L-index

#	Paper	IF	Citations
60	Stress proteins induced by arsenic. <i>Toxicology and Applied Pharmacology</i> , <b>2001</b> , 177, 132-48	4.6	234
59	Biomonitoring for occupational health risk assessment (BOHRA). <i>Toxicology Letters</i> , <b>2010</b> , 192, 3-16	4.4	111
58	Chlorzoxazone, a selective probe for phenotyping CYP2E1 in humans. <i>Pharmacogenetics and Genomics</i> , <b>1999</b> , 9, 377-88		85
57	Low air levels of benzene: correlation between biomarkers of exposure and genotoxic effects. <i>Toxicology Letters</i> , <b>2010</b> , 192, 22-8	4.4	55
56	The mechanism of the suicidal, reductive inactivation of microsomal cytochrome P-450 by carbon tetrachloride. <i>Biochemical Pharmacology</i> , <b>1988</b> , 37, 1981-90	6	51
55	Correlation between environmental and biological monitoring of exposure to benzene in petrochemical industry operators. <i>Toxicology Letters</i> , <b>2010</b> , 192, 17-21	4.4	39
54	The mechanism of the suicidal reductive inactivation of microsomal cytochrome P-450 by halothane. <i>Archives of Toxicology</i> , <b>1991</b> , 65, 191-8	5.8	37
53	Cytochrome CYP2E1 phenotyping and genotyping in the evaluation of health risks from exposure to polluted environments. <i>Toxicology Letters</i> , <b>2001</b> , 124, 71-81	4.4	34
52	CYP2E1 regulation by benzene and other small organic chemicals in rat liver and peripheral lymphocytes. <i>Toxicology Letters</i> , <b>2003</b> , 144, 55-67	4.4	32
51	Biological monitoring in occupational exposure to low levels of 1,3-butadiene. <i>Toxicology Letters</i> , <b>2004</b> , 149, 353-60	4.4	29
50	Inactivation of rat liver cytochrome P450 (P450) by N,N-dimethylformamide and N,N-dimethylacetamide. <i>Toxicology Letters</i> , <b>2001</b> , 124, 101-11	4.4	29
49	Occupational toluene exposure induces cytochrome P450 2E1 mRNA expression in peripheral lymphocytes. <i>Environmental Health Perspectives</i> , <b>2006</b> , 114, 494-9	8.4	27
48	Double fatal inhalation of dichloromethane. <i>Human and Experimental Toxicology</i> , <b>1992</b> , 11, 540-5	3.4	26
47	Biomarkers of nanomaterial exposure and effect: current status. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	25
46	Influence of glutathione S-transferases polymorphisms on biological monitoring of exposure to low doses of benzene. <i>Toxicology Letters</i> , <b>2012</b> , 213, 63-8	4.4	24
45	Potential of occupational carbon tetrachloride toxicity by ethanol abuse. <i>Human and Experimental Toxicology</i> , <b>1996</b> , 15, 294-300	3.4	24
44	Glutathione transferases and glutathionylated hemoglobin in workers exposed to low doses of 1,3-butadiene. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2008</b> , 17, 3004-12	4	22

43	Cytochrome P450 2B (CYP2B)-mediated activation of methyl-parathion in rat brain extracts. <i>Toxicology Letters</i> , <b>2001</b> , 124, 1-10	4.4	21
42	Suicidal inactivation of human cytochrome P-450 by carbon tetrachloride and halothane in vitro. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1992</b> , 70, 13-8		20
41	Metabolic polymorphisms and biomarkers of effect in the biomonitoring of occupational exposure to low-levels of benzene: state of the art. <i>Toxicology Letters</i> , <b>2014</b> , 231, 194-204	4.4	19
40	An Integrated Approach for the Environmental Characterization of a Wide Potentially Contaminated Area in Southern Italy. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	18
39	Genetic Repeat Polymorphism in the Regulating Region of CYP2E1: Frequency and Relationship With Enzymatic Activity in Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2001</b> , 25, 800-804	3.7	18
38	The degradation of haem by carbon tetrachloride: metabolic activation requires a free axial coordination site on the haem iron and electron donation. <i>Xenobiotica</i> , <b>1989</b> , 19, 1023-35	2	17
37	Influence of genetic polymorphisms of CYP1A1 and GSTM1 on the urinary levels of 1-hydroxypyrene. <i>Toxicology Letters</i> , <b>2003</b> , 144, 27-34	4.4	16
36	Neoantigen formation and clastogenic action of HCFC-123 and perchloroethylene in human MCL-5 cells. <i>Toxicology Letters</i> , <b>2001</b> , 124, 129-38	4.4	16
35	Cytochrome P450 inactivation during reductive metabolism of 1,1-dichloro-2,2,2-trifluoroethane (HCFC-123) by phenobarbital- and pyridine-induced rat liver microsomes. <i>Toxicology and Applied Pharmacology</i> , <b>1997</b> , 143, 420-8	4.6	14
34	CYP2E1 phenotype in Mexican workers occupationally exposed to low levels of toluene. <i>Toxicology Letters</i> , <b>2012</b> , 210, 254-63	4.4	13
33	Reductive activation of 1,1-dichloro-1-fluoroethane (HCFC-141b) by phenobarbital- and pyridine-induced rat liver microsomal cytochrome P450. <i>Xenobiotica</i> , <b>1996</b> , 26, 425-35	2	13
32	Biological monitoring of low level exposure to benzene in an oil refinery: Effect of modulating factors. <i>Toxicology Letters</i> , <b>2018</b> , 298, 70-75	4.4	12
31	In vivo CYP2E1 phenotyping as a new potential biomarker of occupational and experimental exposure to benzene. <i>Toxicology Letters</i> , <b>2010</b> , 192, 29-33	4.4	12
30	Relationship between PCBs in blood and D-glucaric acid in urine. <i>Toxicology Letters</i> , <b>2003</b> , 144, 17-26	4.4	12
29	Biomonitoring of toxic metals in incinerator workers: A systematic review. <i>Toxicology Letters</i> , <b>2017</b> , 272, 8-28	4.4	11
28	Ovariectomy modulates the response of some cytochrome P450 isozymes to lindane in the rat. <i>Toxicology Letters</i> , <b>2001</b> , 124, 91-9	4.4	11
27	Ethics in biomonitoring for occupational health. <i>Toxicology Letters</i> , <b>2014</b> , 231, 111-21	4.4	9
26	Trifluoroacetylated adducts in spermatozoa, testes, liver and plasma and CYP2E1 induction in rats after subchronic inhalatory exposure to halothane. <i>Toxicology Letters</i> , <b>2003</b> , 144, 105-16	4.4	9

25	Chest ultrasonography in health surveillance of asbestos-related lung diseases. <i>Toxicology and Industrial Health</i> , <b>2017</b> , 33, 537-546	1.8	8
24	Reductive activation of halothane by human haemoglobin results in the modification of the prosthetic haem. <i>Biochemical Pharmacology</i> , <b>1995</b> , 49, 233-41	6	8
23	Carboxyhaemoglobin and fatal methylene chloride poisoning. <i>Lancet, The</i> , <b>1989</b> , 2, 274	40	8
22	Trifluoroacetylated proteins in liver and plasma of guinea pigs treated with HCFC-123 and halothane. <i>Toxicology Letters</i> , <b>2003</b> , 144, 35-47	4.4	7
21	Kidney and liver biomarkers in female dry-cleaning workers exposed to perchloroethylene. <i>Biomarkers</i> , <b>2000</b> , 5, 399-409	2.6	7
20	Biomonitoring of workers using nuclear magnetic resonance-based metabolomics of exhaled breath condensate: A pilot study. <i>Toxicology Letters</i> , <b>2018</b> , 298, 4-12	4.4	7
19	Biomonitoring occupational sevoflurane exposure at low levels by urinary sevoflurane and hexafluoroisopropanol. <i>Toxicology Letters</i> , <b>2014</b> , 231, 154-60	4.4	6
18	Occupational medicine at stake in Italy. <i>Lancet, The</i> , <b>2002</b> , 359, 1865	40	5
17	Bioactivation and toxicity in vitro of HCFC-123 and HCFC-141b: role of cytochrome P450. <i>Toxicology Letters</i> , <b>2001</b> , 124, 139-52	4.4	5
16	Suicidal inactivation of haemoproteins by reductive metabolites of halomethanes: a structure-activity relationship study. <i>Toxicology</i> , <b>1995</b> , 100, 175-83	4.4	5
15	Bioactivation and cytotoxicity of 1,1-dichloro-2,2,2-trifluoroethane (HCFC-123) in isolated rat hepatocytes. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2001</b> , 88, 192-7		5
14	Unique Scopolamine Withdrawal Syndrome After Standard Transdermal Use. <i>Clinical Neuropharmacology</i> , <b>2015</b> , 38, 204-5	1.4	4
13	Structural improvement of higher education in environmental toxicology in Latin America and Europe. <i>Toxicology Letters</i> , <b>2000</b> , 111, 203-11	4.4	4
12	Enzymatic and/or Non-Enzymatic Suicidal Activation of Carbon Tetrachloride by Heme and Cytochrome P-450. <i>Archives of Toxicology Supplement</i> , <b>1988</b> , 315-317		4
11	Genetic repeat polymorphism in the regulating region of CYP2E1: frequency and relationship with enzymatic activity in alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2001</b> , 25, 800-4	3.7	4
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> , <b>2010</b> , 878, 2529-33	3.2	3
9	Bioactivation to free radicals and cytotoxicity of 1,1-dichloro-1-fluoroethane (HCFC-141b). <i>Xenobiotica</i> , <b>2001</b> , 31, 99-112	2	3
8	Critical role of ethanol abuse in carbon tetrachloride poisoning. <i>Lancet, The</i> , <b>1994</b> , 343, 232	40	2

7	Reductive Activation of Carbon Tetrachloride by Human Haemoglobin. <i>ATLA Alternatives To Laboratory Animals</i> , <b>1993</b> , 21, 57-64	2.1	2
6	Silica, silicosis and lung cancer: what level of exposure is acceptable?. <i>Medicina Del Lavoro</i> , <b>2018</b> , 109, 478-480	1.9	2
5	Antifibrotic treatment response and prognostic predictors in patients with idiopathic pulmonary fibrosis and exposed to occupational dust. <i>BMC Pulmonary Medicine</i> , <b>2019</b> , 19, 170	3.5	
4	ISBM-7: Biological Monitoring in a Globalized World. Preface. <i>Toxicology Letters</i> , <b>2010</b> , 192, 1-2	4.4	
3	Bioactivation and Cytotoxicity of 1,1-Dichloro-2,2,2-trifluoroethane (HCFC-123) in Isolated Rat Hepatocytes*. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2008</b> , 88, 192-197		
2	Reductive activation of HCFC-123 by methaemalbumin. <i>Toxicology Letters</i> , <b>2003</b> , 144, 127-36	4.4	
1	Suicidal inactivation of cytochrome P-450 by halothane and carbon tetrachloride. <i>Advances in Experimental Medicine and Biology</i> , <b>1991</b> , 283, 329-32	3.6	