

Milena Villarini

List of Publications by Year in descending order

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82
papers

2,216
citations

172207

29
h-index

276539

41
g-index

84
all docs

84
docs citations

84
times ranked

3016
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro genotoxic effects of the insecticide deltamethrin in human peripheral blood leukocytes: DNA damage (â€œcometâ€™ assay) in relation to the induction of sister-chromatid exchanges and micronuclei. <i>Toxicology</i> , 1998, 130, 129-139.	2.0	103
2	A new approach to evaluating the toxicity and genotoxicity of disinfected drinking water. <i>Water Research</i> , 2004, 38, 3809-3819.	5.3	94
3	Pyrazolo[4,3- <i>c</i>][1,2]benzothiazines 5,5-Dioxide: A Promising New Class of <i>Staphylococcus aureus</i> NorA Efflux Pump Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3568-3572.	2.9	82
4	Primary DNA damage in chrome-plating workers. <i>Toxicology</i> , 2003, 188, 187-195.	2.0	78
5	DNA Damage Induced by Copper on Erythrocytes of Gilthead Sea Bream <i>Sparus aurata</i> and Mollusk <i>Scapharca inaequivalvis</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 45, 350-6.	2.1	68
6	Is dietary fibre truly protective against colon cancer? A systematic review and meta-analysis. <i>International Journal of Food Sciences and Nutrition</i> , 2018, 69, 904-915.	1.3	62
7	Assessment of primary, oxidative and excision repaired DNA damage in hospital personnel handling antineoplastic drugs. <i>Mutagenesis</i> , 2011, 26, 359-369.	1.0	59
8	Effect of three diaryl tellurides, and an organoselenium compound in trout erythrocytes exposed to oxidative stress in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 464, 269-277.	0.9	56
9	Vaccines Meet Big Data: State-of-the-Art and Future Prospects. From the Classical 3Is (â€œIsolateâ€™â€œInactivateâ€™â€œInjectâ€™) Vaccinology 1.0 to Vaccinology 3.0, Vaccinomics, and Beyond: A Historical Overview. <i>Frontiers in Public Health</i> , 2018, 6, 62.	1.3	56
10	In vitro testing for genotoxicity of the herbicide terbutryn: cytogenetic and primary DNA damage. <i>Toxicology in Vitro</i> , 2002, 16, 81-88.	1.1	54
11	Screening of potential lactobacilli antigenotoxicity by microbial and mammalian cell-based tests. <i>International Journal of Food Microbiology</i> , 2005, 102, 37-47.	2.1	49
12	Green Tea Consumption and Risk of Breast Cancer and Recurrenceâ€™A Systematic Review and Meta-Analysis of Observational Studies. <i>Nutrients</i> , 2018, 10, 1886.	1.7	48
13	Monitoring airborne genotoxicants in the rubber industry using genotoxicity tests and chemical analyses. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 490, 159-169.	0.9	46
14	Antigenotoxic effect, composition and antioxidant activity of <i>Dendrobium speciosum</i> . <i>Food Chemistry</i> , 2013, 140, 660-665.	4.2	45
15	Detection of DNA Damage in Stressed Trout Nucleated Erythrocytes Using the Comet Assay: Protection by Nitroxide Radicals. <i>Free Radical Biology and Medicine</i> , 1998, 24, 1310-1315.	1.3	44
16	Protective Effects of Probiotic <i>Lactobacillus rhamnosus</i> IMC501 in Mice Treated with PhIP. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 371-378.	0.9	43
17	Evaluation of chlorite and chlorate genotoxicity using plant bioassays and in vitro DNA damage tests. <i>Water Research</i> , 2008, 42, 4075-4082.	5.3	40
18	Evaluation of cytotoxicity, genotoxicity, and apoptosis of wastewater before and after disinfection with performic acid. <i>Water Research</i> , 2017, 116, 44-52.	5.3	39

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19	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
20	Evaluation of Primary DNA Damage, Cytogenetic Biomarkers and Genetic Polymorphisms for CYP1A1 and GSTM1 in Road Tunnel Construction Workers. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 1430-1439.	1.1	35
21	Investigation of the Cytotoxic, Genotoxic, and Apoptosis-Inducing Effects of Estragole Isolated from Fennel (<i>Foeniculum vulgare</i>). <i>Journal of Natural Products</i> , 2014, 77, 773-778.	1.5	34
22	Sulforaphane and Epigallocatechin Gallate Restore Estrogen Receptor Expression by Modulating Epigenetic Events in the Breast Cancer Cell Line MDA-MB-231: A Systematic Review and Meta-Analysis. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2017, 10, 126-135.	1.8	34
23	In Vitro Protective Effects of Lycium barbarum Berries Cultivated in Umbria (Italy) on Human Hepatocellular Carcinoma Cells. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	33
24	Evaluation of genotoxic and antigenotoxic effects of hydroalcoholic extracts of <i>Zuccagnia punctata</i> Cav.. <i>Journal of Ethnopharmacology</i> , 2008, 115, 330-335.	2.0	32
25	In vitro genotoxicity of terbutryn evaluated by the alkaline single-cell microgel-electrophoresis "comet" assay. <i>Cell Biology and Toxicology</i> , 2000, 16, 285-292.	2.4	30
26	Effects of co-exposure to extremely low frequency (50 Hz) magnetic fields and xenobiotics determined in vitro by the alkaline comet assay. <i>Science of the Total Environment</i> , 2006, 361, 208-219.	3.9	30
27	Buccal micronucleus cytome assay in primary school children: A descriptive analysis of the MAPEC_LIFE multicenter cohort study. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 883-892.	2.1	30
28	Extent of DNA damage in density-separated trout erythrocytes assessed by the 'comet' assay. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 397, 353-360.	0.4	29
29	Monitoring air pollution effects on children for supporting public health policy: the protocol of the prospective cohort MAPEC study. <i>BMJ Open</i> , 2014, 4, e006096-e006096.	0.8	29
30	In vitro Biological Effects of Sulforaphane (SFN), Epigallocatechin-3-gallate (EGCG), and Curcumin on Breast Cancer Cells: A Systematic Review of the Literature. <i>Nutrition and Cancer</i> , 2017, 69, 969-978.	0.9	29
31	Mutagenic and genotoxic effects induced by PM0.5 of different Italian towns in human cells and bacteria: The MAPEC_LIFE study. <i>Environmental Pollution</i> , 2019, 245, 1124-1135.	3.7	29
32	Effects of co-exposure to extremely low frequency (ELF) magnetic fields and benzene or benzene metabolites determined in vitro by the alkaline comet assay. <i>Toxicology Letters</i> , 2005, 157, 119-128.	0.4	28
33	Cardiovascular diseases and hard drinking waters: implications from a systematic review with meta-analysis of case-control studies. <i>Journal of Water and Health</i> , 2017, 15, 31-40.	1.1	28
34	In vivo studies on genotoxicity of pure and commercial linuron. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 390, 207-221.	0.9	27
35	Health Risk Associated with Exposure to PM10 and Benzene in Three Italian Towns. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1672.	1.2	27
36	Genotoxic effects of extremely low frequency (ELF) magnetic fields (MF) evaluated by the Tradescantia-micronucleus assay. <i>Environmental Toxicology</i> , 2005, 20, 585-591.	2.1	25

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37	Monitoring of volatile and non-volatile urban air genotoxins using bacteria, human cells and plants. <i>Chemosphere</i> , 2015, 120, 221-229.	4.2	25
38	Lifestyles and socio-cultural factors among children aged 6â€“8 years from five Italian towns: the MAPEC_LIFE study cohort. <i>BMC Public Health</i> , 2017, 17, 233.	1.2	25
39	In vitro toxicity evaluation of estragole-containing preparations derived from <i>Foeniculum vulgare</i> Mill. (fennel) on HepG2 cells. <i>Food and Chemical Toxicology</i> , 2018, 111, 616-622.	1.8	25
40	Biological Effect Monitoring in Peripheral Blood Lymphocytes from Subjects Occupationally Exposed to Antineoplastic Drugs: Assessment of Micronuclei Frequency. <i>Journal of Occupational Health</i> , 2012, 54, 405-415.	1.0	23
41	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
42	Multicentre study for the evaluation of mutagenic/carcinogenic risk in nurses exposed to antineoplastic drugs: assessment of DNA damage. <i>Occupational and Environmental Medicine</i> , 2013, 70, 789-794.	1.3	22
43	<i>In Vitro</i> Safety/Protection Assessment of Resveratrol and Pterostilbene in a Human Hepatoma Cell Line (HepG2). <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	22
44	Modulatory activity of a <i>Lactobacillus casei</i> strain on 1,2â€“dimethylhydrazineâ€“induced genotoxicity in rats. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 192-199.	0.9	21
45	Assessing the genotoxicity of urban air pollutants using two in situ plant bioassays. <i>Environmental Pollution</i> , 2009, 157, 3354-3356.	3.7	21
46	Acid sphingomyelinase as target of <i>Lycium Chinense</i> : promising new action for cell health. <i>Lipids in Health and Disease</i> , 2016, 15, 183.	1.2	21
47	Genotoxicity of source, treated and distributed water from four drinking water treatment plants supplied by surface water in Sardinia, Italy. <i>Environmental Research</i> , 2020, 185, 109385.	3.7	21
48	Urine mutagenicity and biochemical effects of the drinking water mutagen, 3-chloro-4-(dichloromethyl)-5-hydroxy-2[5H]-furanone (MX), following repeated oral administration to mice and rats. <i>Toxicology</i> , 1996, 110, 59-70.	2.0	20
49	Socio-Economic and Environmental Factors Associated with Overweight and Obesity in Children Aged 6â€“8 Years Living in Five Italian Cities (the MAPEC_LIFE Cohort). <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1002.	1.2	20
50	<i>In Vitro</i> Safety/Protection Assessment of Resveratrol and Pterostilbene in a Human Hepatoma Cell Line (HepG2). <i>Natural Product Communications</i> , 2015, 10, 1403-8.	0.2	18
51	Effect of different organotin compounds on DNA of gilthead sea bream (<i>Sparus aurata</i>) erythrocytes assessed by the comet assay. <i>Applied Organometallic Chemistry</i> , 2002, 16, 163-168.	1.7	17
52	Micronucleus induction in cells co-exposed in vitro to 50 Hz magnetic field and benzene, 1,4-benzenediol (hydroquinone) or 1,2,4-benzenetriol. <i>Toxicology in Vitro</i> , 2003, 17, 581-586.	1.1	17
53	Occurrence and Control of Genotoxins in Drinking Water: A Monitoring Proposal. <i>Journal of Public Health Research</i> , 2016, 5, jphr.2016.769.	0.5	16
54	Special Attention to Physical Activity in Breast Cancer Patients during the First Wave of COVID-19 Pandemic in Italy: The DianaWeb Cohort. <i>Journal of Personalized Medicine</i> , 2021, 11, 381.	1.1	16

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55	Primary DNA damage and genetic polymorphisms for CYP1A1, EPHX and GSTM1 in workers at a graphite electrode manufacturing plant. BMC Public Health, 2007, 7, 270.	1.2	15
56	Brain DNA damage and 70-kDa heat shock protein expression in CD1 mice exposed to extremely low frequency magnetic fields. International Journal of Radiation Biology, 2010, 86, 701-710.	1.0	15
57	Genotoxic hazard evaluation in welders occupationally exposed to extremely low-frequency magnetic fields (ELF-MF). International Journal of Hygiene and Environmental Health, 2011, 215, 68-75.	2.1	15
58	Assay of Linuron and a Pesticide Mixture Commonly Found in the Italian Diet, for Promoting Activity in Rat Liver Carcinogenesis. Basic and Clinical Pharmacology and Toxicology, 1994, 75, 170-176.	0.0	14
59	Mutagenicity and clastogenicity of gas stove emissions in bacterial and plant tests. , 1998, 31, 402-408.		13
60	No evidence of DNA damage by co-exposure to extremely low frequency magnetic fields and aluminum on neuroblastoma cell lines. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 823, 11-21.	0.9	13
61	In Vitro Protective Effects of Terminalia arjuna Bark Extracts Against the 4-Nitroquinoline-N-Oxide Genotoxicity. Journal of Environmental Pathology, Toxicology and Oncology, 2002, 21, 12.	0.6	13
62	Community-based participatory research to improve life quality and clinical outcomes of patients with breast cancer (DianaWeb in Umbria pilot study). BMJ Open, 2016, 6, e009707.	0.8	12
63	Pro-Apoptotic Activity of Artichoke Leaf Extracts in Human HT-29 and RKO Colon Cancer Cells. International Journal of Environmental Research and Public Health, 2021, 18, 4166.	1.2	11
64	Extent of Primary DNA Damage Measured by the Comet Assay in Health Professionals Exposed to Antineoplastic Drugs: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 523.	1.2	10
65	In vitro genotoxicity/antigenotoxicity testing of some conjugated linoleic acid isomers using comet assay. European Journal of Lipid Science and Technology, 2012, 114, 1016-1024.	1.0	9
66	Brain hsp70 expression and DNA damage in mice exposed to extremely low frequency magnetic fields: A dose-response study. International Journal of Radiation Biology, 2013, 89, 562-570.	1.0	8
67	Improving awareness of health hazards associated with air pollution in primary school children: Design and test of didactic tools. Applied Environmental Education and Communication, 2016, 15, 247-260.	0.6	8
68	Applicability of Aspecific Noninvasive Methods for Biomonitoring of Occupational Exposure to Deltamethrin: Preliminary Study Using an Animal Model. Archives of Environmental Contamination and Toxicology, 1997, 33, 323-328.	2.1	7
69	Application of the single-cell gel electrophoresis ("comet") assay to the detection of primary DNA damage in workers of the rubber industry: Comparison of manual and computerized analysis. Toxicological and Environmental Chemistry, 1999, 72, 13-24.	0.6	7
70	A protocol for the evaluation of genotoxicity in bile of carp (Cyprinus carpio) exposed to lake water treated with different disinfectants. Chemosphere, 2011, 84, 1521-1526.	4.2	7
71	Evaluation of <i>In Vitro</i> Cytotoxicity and Genotoxicity of Size-Fractionated Air Particles Sampled during Road Tunnel Construction. BioMed Research International, 2013, 2013, 1-9.	0.9	7
72	Biological Monitoring of Genotoxic Hazard in Workers of the Rubber Industry. Environmental Health Perspectives, 1996, 104, 543.	2.8	6

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73	B-Comet Assay (Comet Assay on Buccal Cells) for the Evaluation of Primary DNA Damage in Human Biomonitoring Studies. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9234.	1.2	6
74	<i>In Vitro</i> Testing for Genotoxicity of Indigo Naturalis Assessed by Micronucleus Test. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	5
75	Imbalance in the antioxidant defence system and pro-genotoxic status induced by high glucose concentrations: In vitro testing in human liver cells. <i>Toxicology in Vitro</i> , 2020, 69, 105001.	1.1	4
76	Results from the European Union MAPEC_LIFE cohort study on air pollution and chromosomal damage in children: are public health policies sufficiently protective?. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	4
77	Primary DNA damage in welders occupationally exposed to extremely-low-frequency magnetic fields (ELF-MF). <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2015, 27, 511-9.	0.5	4
78	PILATES (Physical Activity and Diet Survey): An Italian Self-Administered Questionnaire Evaluating Diet Habits of Gym-Goers. Validation Process. <i>Journal of Dietary Supplements</i> , 2019, 16, 307-317.	1.4	3
79	Winter Air Pollution and Genotoxic Effects in Children Living in a Highly Polluted Urban Area. <i>Atmosphere</i> , 2021, 12, 1191.	1.0	2
80	Cytogenetic Effects in Children Exposed to Air Pollutants: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6736.	1.2	2
81	Cytotoxicity and genotoxicity of size-fractionated particulate matter collected in underground workplaces. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 359-367.	1.5	1
82	Effects of the "PreveDi" lifestyle modification trial on metabolic syndrome. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2015, 27, 595-606.	0.5	1