

Alberto Mantovani

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

4,584
citations

109321

35
h-index

110387

64
g-index

116
all docs

116
docs citations

116
times ranked

6557
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolism disrupting chemicals and metabolic disorders. <i>Reproductive Toxicology</i> , 2017, 68, 3-33.	2.9	745
2	Adverse outcome pathways: opportunities, limitations and open questions. <i>Archives of Toxicology</i> , 2017, 91, 3477-3505.	4.2	282
3	Diagnostic health risk assessment of electronic waste on the general population in developing countries' scenarios. <i>Environmental Impact Assessment Review</i> , 2010, 30, 388-399.	9.2	187
4	Current Knowledge on Endocrine Disrupting Chemicals (EDCs) from Animal Biology to Humans, from Pregnancy to Adulthood: Highlights from a National Italian Meeting. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1647.	4.1	178
5	Parma consensus statement on metabolic disruptors. <i>Environmental Health</i> , 2015, 14, 54.	4.0	174
6	Oral, short-term exposure to titanium dioxide nanoparticles in Sprague-Dawley rat: focus on reproductive and endocrine systems and spleen. <i>Nanotoxicology</i> , 2014, 8, 654-662.	3.0	162
7	Scientific principles for the identification of endocrine-disrupting chemicals: a consensus statement. <i>Archives of Toxicology</i> , 2017, 91, 1001-1006.	4.2	118
8	Developmental Exposure to Chlorpyrifos Induces Alterations in Thyroid and Thyroid Hormone Levels Without Other Toxicity Signs in Cd1 Mice. <i>Toxicological Sciences</i> , 2009, 108, 311-319.	3.1	108
9	Bisphenol a and the female reproductive tract: an overview of recent laboratory evidence and epidemiological studies. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 37.	3.3	99
10	Puberty dysregulation and increased risk of disease in adult life: Possible modes of action. <i>Reproductive Toxicology</i> , 2014, 44, 15-22.	2.9	78
11	The influence of endocrine disruptors in a selected population of infertile women. <i>Gynecological Endocrinology</i> , 2013, 29, 444-447.	1.7	77
12	Bisphenol A affects placental layers morphology and angiogenesis during early pregnancy phase in mice. <i>Journal of Applied Toxicology</i> , 2015, 35, 1278-1291.	2.8	74
13	The Ramazzini Institute 13-week pilot study glyphosate-based herbicides administered at human-equivalent dose to Sprague Dawley rats: effects on development and endocrine system. <i>Environmental Health</i> , 2019, 18, 15.	4.0	64
14	Environmental risk factors and male fertility and reproduction. <i>Contraception</i> , 2002, 65, 297-300.	1.5	63
15	Short-term oral exposure to low doses of nano-sized TiO ₂ and potential modulatory effects on intestinal cells. <i>Food and Chemical Toxicology</i> , 2017, 102, 63-75.	3.6	60
16	Identification and management of toxicological hazards of street foods in developing countries. <i>Food and Chemical Toxicology</i> , 2014, 63, 143-152.	3.6	57
17	Long-lasting effects of lindane on mouse spermatogenesis induced by in utero exposure. <i>Reproductive Toxicology</i> , 2003, 17, 25-35.	2.9	56
18	Human semen as an early, sensitive biomarker of highly polluted living environment in healthy men: A pilot biomonitoring study on trace elements in blood and semen and their relationship with sperm quality and RedOx status. <i>Reproductive Toxicology</i> , 2016, 66, 1-9.	2.9	56

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19	Long-Term Effects on Hypothalamic Neuropeptides after Developmental Exposure to Chlorpyrifos in Mice. <i>Environmental Health Perspectives</i> , 2009, 117, 112-116.	6.0	54
20	Exploiting Nutritional Value of Staple Foods in the World's Semi-Arid Areas: Risks, Benefits, Challenges and Opportunities of Sorghum. <i>Healthcare (Switzerland)</i> , 2015, 3, 172-193.	2.0	52
21	Exposure to Endocrine Disruptors and Nuclear Receptors Gene Expression in Infertile and Fertile Men from Italian Areas with Different Environmental Features. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 12426-12445.	2.6	52
22	Nicotine-induced reproductive toxicity, oxidative damage, histological changes and haematotoxicity in male rats: The protective effects of green tea extract. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 253-259.	2.1	51
23	Exposure and effective dose biomarkers for perfluorooctane sulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) in infertile subjects: Preliminary results of the PREVIENI project. <i>International Journal of Hygiene and Environmental Health</i> , 2012, 215, 206-211.	4.3	50
24	Protective effect of <i>Nigella sativa</i> oil against acetamiprid induced reproductive toxicity in male rats. <i>Drug and Chemical Toxicology</i> , 2018, 41, 206-212.	2.3	49
25	Lindane may modulate the female reproductive development through the interaction with ER- β : an <i>in vivo</i> "in vitro" approach. <i>Chemico-Biological Interactions</i> , 2007, 169, 1-14.	4.0	46
26	Exposure to Endocrine Disruptors and Nuclear Receptor Gene Expression in Infertile and Fertile Women from Different Italian Areas. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 10146-10164.	2.6	46
27	Maternal diet and the risk of hypospadias and cryptorchidism in the offspring. <i>Paediatric and Perinatal Epidemiology</i> , 2008, 22, 249-260.	1.7	45
28	The One Health Perspective in Trace Elements Biomonitoring. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2015, 18, 344-370.	6.5	44
29	Risk Assessment of Endocrine Disruptors: The Role of Toxicological Studies. <i>Annals of the New York Academy of Sciences</i> , 2006, 1076, 239-252.	3.8	43
30	Targeted toxicological testing to investigate the role of endocrine disruptors in puberty disorders. <i>Reproductive Toxicology</i> , 2012, 33, 290-296.	2.9	40
31	European Recommendations for Primary Prevention of Congenital Anomalies: A Joined Effort of EUROCAT and EUROPLAN Projects to Facilitate Inclusion of This Topic in the National Rare Disease Plans. <i>Public Health Genomics</i> , 2014, 17, 115-123.	1.0	39
32	Protective role of <i>Nigella sativa</i> oil against reproductive toxicity, hormonal alterations, and oxidative damage induced by chlorpyrifos in male rats. <i>Toxicology and Industrial Health</i> , 2016, 32, 1266-1277.	1.4	39
33	Endocrine Disruptors and Human Health. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 846-855.	2.4	37
34	Dietary exposure of the Italian population to inorganic arsenic: The 2012-2014 Total Diet Study. <i>Food and Chemical Toxicology</i> , 2016, 98, 148-158.	3.6	37
35	Risk assessment of chemicals potentially affecting male fertility. <i>Contraception</i> , 2005, 72, 308-313.	1.5	36
36	Hazard identification and risk assessment of endocrine disrupting chemicals with regard to developmental effects. <i>Toxicology</i> , 2002, 181-182, 367-370.	4.2	35

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37	Endocrine Disrupters and the Safety of Food Chains. <i>Hormone Research in Paediatrics</i> , 2016, 86, 279-288.	1.8	35
38	The Hotspot for (Global) One Health in Primary Food Production: Aflatoxin M1 in Dairy Products. <i>Frontiers in Public Health</i> , 2016, 4, 294.	2.7	35
39	Use of Bisphenol A-containing baby bottles in Cameroon and Nigeria and possible risk management and mitigation measures: community as milestone for prevention. <i>Science of the Total Environment</i> , 2014, 481, 296-302.	8.0	34
40	Carcinogenetic mechanisms of endocrine disruptors in female cancers (Review). <i>Oncology Reports</i> , 2016, 36, 603-612.	2.6	34
41	Mediterranean Diet as a Shield against Male Infertility and Cancer Risk Induced by Environmental Pollutants: A Focus on Flavonoids. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1568.	4.1	34
42	The Ramazzini Institute 13-week study on glyphosate-based herbicides at human-equivalent dose in Sprague Dawley rats: study design and first in-life endpoints evaluation. <i>Environmental Health</i> , 2018, 17, 52.	4.0	33
43	Spontaneous abortion in spouses of greenhouse workers exposed to pesticides. <i>Environmental Health and Preventive Medicine</i> , 2003, 8, 77-81.	3.4	31
44	Reproductive toxicity and thyroid effects in Sprague Dawley rats exposed to low doses of ethylenethiourea. <i>Food and Chemical Toxicology</i> , 2013, 59, 261-271.	3.6	31
45	A study of the impact of agricultural pesticide use on the prevalence of birth defects in northeast Italy. <i>Reproductive Toxicology</i> , 2007, 24, 1-8.	2.9	30
46	Iodine nutritional status and thyroid effects of exposure to ethylenebisdithiocarbamates. <i>Environmental Research</i> , 2017, 154, 152-159.	7.5	30
47	The role of toxicology to characterize biomarkers for agrochemicals with potential endocrine activities. <i>Reproductive Toxicology</i> , 2008, 26, 1-7.	2.9	29
48	Correlation of Endocrine Disrupting Chemicals Serum Levels and White Blood Cells Gene Expression of Nuclear Receptors in a Population of Infertile Women. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-7.	1.5	29
49	Histological and histomorphometric alterations in thyroid and adrenals of CD rat pups exposed in utero to methyl thiophanate. <i>Reproductive Toxicology</i> , 2003, 17, 617-623.	2.9	28
50	Risk assessment of endocrine-active compounds in feeds. <i>Veterinary Journal</i> , 2009, 182, 392-401.	1.7	28
51	Human Endogenous Retroviral Sequences: Possible Roles in Reproductive Physiopathology1. <i>Biology of Reproduction</i> , 1998, 59, 713-724.	2.7	27
52	Delayed Developmental Effects Following Prenatal Exposure to Drugs. <i>Current Pharmaceutical Design</i> , 2001, 7, 859-880.	1.9	27
53	Folic acid and primary prevention of birth defects. <i>BioFactors</i> , 2011, 37, 280-284.	5.4	27
54	Functional toxicity and tolerance patterns of bioavailable Pd(II), Pt(II), and Rh(III) on suspended <i>Saccharomyces cerevisiae</i> cells assayed in tandem by a respirometric biosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 2185-2194.	3.7	26

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55	Effects of a low oral dose of diethylstilbestrol (DES) on reproductive tract development in F1 female CD-1 mice. <i>Reproductive Toxicology</i> , 2008, 26, 146-150.	2.9	23
56	Primary Prevention of Congenital Anomalies: Recommendable, Feasible and Achievable. <i>Public Health Genomics</i> , 2015, 18, 184-191.	1.0	23
57	Endocrine disruptors and female cancer: Informing the patients (Review). <i>Oncology Reports</i> , 2015, 34, 3-11.	2.6	22
58	Analysis of Food Safety and Security Challenges in Emerging African Food Producing Areas through a One Health Lens: The Dairy Chains in Mali. <i>Journal of Food Protection</i> , 2017, 80, 57-67.	1.7	22
59	Dietary exposure of the Italian population to nickel: The national Total Diet Study. <i>Food and Chemical Toxicology</i> , 2020, 146, 111813.	3.6	22
60	Innovative non-animal testing strategies for reproductive toxicology: the contribution of Italian partners within the EU project ReProTect. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2011, 47, 429-44.	0.4	22
61	Effects observed on gestational day 13 in rat embryos exposed to albendazole. <i>Reproductive Toxicology</i> , 1995, 9, 265-273.	2.9	20
62	Efficient testing strategies for evaluation of xenobiotics with neuroendocrine activity. <i>Reproductive Toxicology</i> , 2006, 22, 164-174.	2.9	20
63	Speciated urinary arsenic as a biomarker of dietary exposure to inorganic arsenic in residents living in high-arsenic areas in Latium, Italy. <i>Pure and Applied Chemistry</i> , 2012, 84, 203-214.	1.9	19
64	Microbial screening for quinolones residues in cow milk by bio-optical method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 106, 179-185.	2.8	18
65	Toxicological risk factors in the burden of malnutrition: The case of nutrition (and risk) transition in sub-Saharan Africa. <i>Food and Chemical Toxicology</i> , 2020, 146, 111789.	3.6	18
66	Effects of Bisphenol A on endogenous retroviral envelopes expression and trophoblast fusion in BeWo cells. <i>Reproductive Toxicology</i> , 2019, 89, 35-44.	2.9	16
67	Risk-benefit in food safety and nutrition – Outcome of the 2019 Parma Summer School. <i>Food Research International</i> , 2021, 141, 110073.	6.2	16
68	Health risks from lost awareness of cultural behaviours rooted in traditional medicine: An insight in geophagy and mineral intake. <i>Science of the Total Environment</i> , 2016, 566-567, 1465-1471.	8.0	15
69	Assessing Environmental Factors within the One Health Approach. <i>Medicina (Lithuania)</i> , 2021, 57, 240.	2.0	14
70	Thyroid Function and Exposure to Styrene. <i>Thyroid</i> , 2008, 18, 1065-1069.	4.5	13
71	Sustainable development and next generation's health: a long-term perspective about the consequences of today's activities for food safety. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2009, 45, 65-75.	0.4	13
72	3.11. Reproductive and Developmental Toxicity. <i>ATLA Alternatives To Laboratory Animals</i> , 2005, 33, 183-209.	1.0	12

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73	The juvenile toxicity study as a tool for a science-based risk assessment in the children population group. <i>Reproductive Toxicology</i> , 2017, 72, 136-141.	2.9	12
74	Local Role of Food Producers' Communities for a Global One-Health Framework: The Experience of Translational Research in an Italian Dairy Chain. <i>Journal of Agricultural Chemistry and Environment</i> , 2014, 03, 14-19.	0.5	12
75	Editorial: The Environment-Animal-Human Web: A "One Health" View of Toxicological Risk Analysis. <i>Frontiers in Public Health</i> , 2018, 6, 353.	2.7	11
76	Essential and toxic elements in sustainable and underutilized seafood species and derived semi-industrial ready-to-eat products. <i>Food and Chemical Toxicology</i> , 2021, 154, 112331.	3.6	11
77	Long-term effects of lonidamine on mouse testes. <i>Contraception</i> , 2005, 72, 268-272.	1.5	10
78	Modulation of chelating factors, trace minerals and their estimated bioavailability in Italian and African sorghum (<i>Sorghum bicolor</i> (L.) Moench) porridges. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1526-1532.	2.7	10
79	Primary Prevention of Congenital Anomalies: Special Focus on Environmental Chemicals and other Toxicants, Maternal Health and Health Services and Infectious Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1031, 301-322.	1.6	10
80	Eleven chromosomal integration sites of a human endogenous retrovirus (HERV 4-1) map close to known loci of thirteen hereditary malformation syndromes. <i>Teratology</i> , 1996, 54, 108-110.	1.6	9
81	The partial head decondensation test is a new, quick method to assess acrosome status in human spermatozoa. <i>Fertility and Sterility</i> , 2004, 81, 1007-1012.	1.0	9
82	Organic forms of trace elements as feed additives: Assessment of risks and benefits for farm animals and consumers. <i>Pure and Applied Chemistry</i> , 2010, 82, 393-407.	1.9	9
83	25th anniversary of the Berlin workshop on developmental toxicology: DevTox database update, challenges in risk assessment of developmental neurotoxicity and alternative methodologies in bone development and growth. <i>Reproductive Toxicology</i> , 2021, 100, 155-162.	2.9	8
84	Risk-Benefit Assessment of Feed Additives in the One Health Perspective. <i>Frontiers in Nutrition</i> , 2022, 9, 843124.	3.7	8
85	Toxicogenomic analysis of placenta samples from mice exposed to different doses of BPA. <i>Genomics Data</i> , 2015, 4, 109-111.	1.3	7
86	Development of an in vitro test battery model based on liver and colon cancer cell lines to discriminate PCB mixtures by transcription factors gene expression analysis. <i>Toxicology in Vitro</i> , 2016, 34, 204-211.	2.4	7
87	Antioxidant power as biochemical endpoint in bread for screening and early managing quality and toxicant-related safety anomalies in food production. <i>Food and Chemical Toxicology</i> , 2016, 94, 31-38.	3.6	7
88	Biomonitoring of chemicals in biota of two wetland protected areas exposed to different levels of environmental impact: results of the "PREVIENI" project. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 456.	2.7	7
89	From Invention to Innovation: Risk Analysis to Integrate One Health Technology in the Dairy Farm. <i>Frontiers in Public Health</i> , 2017, 5, 302.	2.7	7
90	Characterization and Management of Uncertainties in Toxicological Risk Assessment: Examples from the Opinions of the European Food Safety Authority. <i>Methods in Molecular Biology</i> , 2018, 1800, 219-229.	0.9	7

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91	Providing Biological Plausibility for Exposure-Health Relationships for the Mycotoxins Deoxynivalenol (DON) and Fumonisin B1 (FB1) in Humans Using the AOP Framework. <i>Toxins</i> , 2022, 14, 279.	3.4	7
92	Primary prevention as an essential factor ensuring sustainability of health systems: the example of congenital anomalies. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2019, 55, 258-264.	0.4	5
93	Human endogenous retroviruses and environmental endocrine disrupters: A connection worth exploring?. , 1998, 58, 27-28.		4
94	Why research on Endocrine Disrupting Chemicals is still worthwhile. Editorial. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2017, 53, 1-2.	0.4	4
95	Modulation of sorghum biological activities by varieties and two traditional processing methods: an integrated <i>in vitro</i> modelling approach. <i>International Journal of Food Science and Technology</i> , 2014, 49, 1593-1599.	2.7	3
96	Semi-industrial development of nutritious and healthy seafood dishes from sustainable species. <i>Food and Chemical Toxicology</i> , 2021, 155, 112431.	3.6	3
97	Risk assessment of potentially toxic trace elements via consumption of dairy products sold in the city of Yerevan, Armenia. <i>Food and Chemical Toxicology</i> , 2022, 163, 112922.	3.6	3
98	Histological Alterations in Gestational Day 13 Rat Embryos from Albendazole-Treated Dams. <i>Congenital Anomalies (discontinued)</i> , 1995, 35, 455-466.	0.6	2
99	Multifactorial Rare Diseases: Can Uncertainty Analysis Bring Added Value to the Search for Risk Factors and Etiopathogenesis?. <i>Medicina (Lithuania)</i> , 2021, 57, 119.	2.0	2
100	Intracellular distribution of vinclozolin and its metabolites differently affects 5 α -dihydrotestosterone (DHT)-induced PSA secretion in LNCaP cells. <i>Reproductive Toxicology</i> , 2022, 111, 83-91.	2.9	2
101	Use of a combined <i>in vitro</i> assay for effect-directed assessment of infant formulas. <i>International Journal of Food Science and Technology</i> , 2015, 50, 77-83.	2.7	1
102	Immuno-Hormonal, Genetic and Metabolic Profiling of Newborns as a Basis for the Life-Long OneHealth Medical Record: A Scoping Review. <i>Medicina (Lithuania)</i> , 2021, 57, 382.	2.0	1
103	Congenital anomalies: Can One Health reduce the community burden?. <i>Reproductive Toxicology</i> , 2021, 104, 166-167.	2.9	1
104	Endocrine Disruptors and Puberty Disorders from Mice to Men (and Women). , 2012, , 119-137.		1
105	The Food in Pregnancy Decalogue: Ten suggestions to protect the unborn child launched at EXPO 2015. <i>Reproductive Toxicology</i> , 2016, 64, 38-39.	2.9	0
106	Endocrine Disrupters: A Review. , 2019, , 481-486.		0
107	The Ramazzini Institute studies on Glyphosate based herbicides: pilot phase results and state of the art of Global Glyphosate study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
108	Vitamin E protects against methomyl- induced alterations in biochemical and reproductive parameters in pregnant rats. <i>International Journal of Environmental Studies</i> , 0, , 1-18.	1.6	0

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109	Endocrine Disrupters and Food Safety. Open Biotechnology Journal, 2016, 10, 98-107.	1.2	0