Claudio Colosio

List of Publications by Citations

57 papers	1,797 citations	24 h-index	41 g-index
63 ext. papers	2,127 ext. citations	4.5 avg, IF	4.56 L-index

#	Paper	IF	Citations
57	Persistent organochlorinated pesticides and mechanisms of their toxicity. *Toxicology*, **2013**, 307, 74-88	4.4	289
56	Biological monitoring of pesticide exposure: a review of analytical methods. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2002**, 769, 191-219	3.2	138
55	Neurobehavioral and neurodevelopmental effects of pesticide exposures. *NeuroToxicology*, **2012**, 33, 887-96	4.4	114
54	Biomonitoring for occupational health risk assessment (BOHRA). *Toxicology Letters*, **2010**, 192, 3-16	4.4	111
53	Linking pesticide exposure and dementia: what is the evidence?. *Toxicology*, **2013**, 307, 3-11	4.4	87
52	Estimation of daily intake and risk assessment of organophosphorus pesticides based on biomonitoring data - The internal exposure approach. *Food and Chemical Toxicology*, **2019**, 123, 57-71	4.7	62
51	SARS-CoV-2 specific serological pattern in healthcare workers of an Italian COVID-19 forefront hospital. *BMC Pulmonary Medicine*, **2020**, 20, 203	3.5	61
50	WHO/ILO work-related burden of disease and injury: Protocol for systematic reviews of occupational exposure to dusts and/or fibres and of the effect of occupational exposure to dusts and/or fibres on pneumoconiosis. *Environment International*, **2018**, 119, 174-185	12.9	55
49	Ethylenethiourea in urine as an indicator of exposure to mancozeb in vineyard workers. *Toxicology Letters*, **2002**, 134, 133-40	4.4	51
48	Immunomodulatory effects of the fungicide Mancozeb in agricultural workers. *Toxicology and Applied Pharmacology*, **2005**, 208, 178-85	4.6	50
47	Trends in incidence of occupational asthma, contact dermatitis, noise-induced hearing loss, carpal tunnel syndrome and upper limb musculoskeletal disorders in European countries from 2000 to 2012. *Occupational and Environmental Medicine*, **2015**, 72, 294-303	2.1	47
46	The role of pesticide exposure in the genesis of Parkinson's disease: epidemiological studies and experimental data. *Toxicology*, **2013**, 307, 24-34	4.4	46
45	Current and new challenges in occupational lung diseases. *European Respiratory Review*, **2017**, 26,	9.8	39
44	Neurobehavioural effects of pesticides with special focus on organophosphorus compounds: which is the real size of the problem?. *NeuroToxicology*, **2009**, 30, 1155-61	4.4	39
43	WHO/ILO work-related burden of disease and injury: Protocol for systematic reviews of exposure to occupational ergonomic risk factors and of the effect of exposure to occupational ergonomic risk factors on osteoarthritis of hip or knee and selected other musculoskeletal diseases. *Environment International*, **2019**, 125, 554-566	12.9	39
42	Molecular mechanisms underlying mancozeb-induced inhibition of TNF-alpha production. *Toxicology and Applied Pharmacology*, **2006**, 212, 89-98	4.6	35
41	Immunomodulatory effects of occupational exposure to mancozeb. *Archives of Environmental Health*, **1996**, 51, 445-51		33

40	Biological monitoring of exposure to tebuconazole in winegrowers. *Journal of Exposure Science and Environmental Epidemiology*, **2014**, 24, 643-9	6.7	31
39	FarmersSexposure to herbicides in North Italy: assessment under real-life conditions in small-size rice and corn farms. *Toxicology Letters*, **2012**, 210, 189-97	4.4	31
38	Emerging zoonoses: the "one health approach". *Safety and Health at Work*, **2012**, 3, 77-83	4	30
37	Application of gas chromatography-mass spectrometry for the determination of urinary ethylenethiourea in humans. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2005**, 814, 251-8	3.2	30
36	Risk assessment and management of occupational exposure to pesticides. *Toxicology Letters*, **1999**, 107, 145-53	4.4	28
35	A simple and fast method for the determination of selected organohalogenated compounds in serum samples from the general population. *Toxicology Letters*, **2010**, 192, 66-71	4.4	27
34	Immunomodulatory effects of the herbicide propanil on cytokine production in humans: In vivo and in vitro exposure. *Toxicology and Applied Pharmacology*, **2007**, 222, 202-10	4.6	27
33	Reference values for ethylenethiourea in urine in Northern Italy: results of a pilot study. *Toxicology Letters*, **2006**, 162, 153-7	4.4	23
32	The prevalence of occupational exposure to ergonomic risk factors: A systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. *Environment International*, **2021**, 146, 106157	12.9	21
31	Determination of dichloroanilines in human urine by gas chromatography/mass spectrometry: validation protocol and establishment of Reference Values in a population group living in central Italy. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 2621-5	2.2	20
30	Integration of biological monitoring, environmental monitoring and computational modelling into the interpretation of pesticide exposure data: introduction to a proposed approach. *Toxicology Letters*, **2012**, 213, 49-56	4.4	17
29	Occupational exposure to zoonotic agents among agricultural workers in Lombardy Region, northern Italy. *Annals of Agricultural and Environmental Medicine*, **2013**, 20, 676-81	1.4	17
28	The Safe Use of Pesticides: A Risk Assessment Procedure for the Enhancement of Occupational Health and Safety (OHS) Management. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	16
27	Environmental and biological monitoring for the identification of main exposure determinants in vineyard mancozeb applicators. *Journal of Exposure Science and Environmental Epidemiology*, **2018**, 28, 289-296	6.7	14
26	Changes in serum markers indicative of health effects in vineyard workers following exposure to the fungicide mancozeb: an Italian study. *Biomarkers*, **2007**, 12, 574-88	2.6	13
25	Assessment of penconazole exposure in winegrowers using urinary biomarkers. *Environmental Research*, **2019**, 168, 54-61	7.9	13
24	The ethics of human volunteer studies involving experimental exposure to pesticides: unanswered dilemmas. *Environmental Health*, **2010**, 9, 50	6	12
23	The effect of occupational exposure to ergonomic risk factors on osteoarthritis of hip or knee and selected other musculoskeletal diseases: A systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. *Environment International*, **2021**, 150, 106349	12.9	12

22	Exposure duration and absorbed dose assessment in pesticide-exposed agricultural workers: Implications for risk assessment and modeling. *International Journal of Hygiene and Environmental Health*, **2019**, 222, 494-502	6.9	11
21	Association between previous infection with SARS CoV-2 and the risk of self-reported symptoms after mRNA BNT162b2 vaccination: Data from 3,078 health care workers. *EClinicalMedicine*, **2021**, 36, 100914	11.3	10
20	Occupational health and safety regulations in the dairy industry. *Journal of Agromedicine*, **2013**, 18, 210-8	1.9	9
19	Effects of disinfectant fogging procedure on dust, ammonia concentration, aerobic bacteria and fungal spores in a farrowing-weaning room. *Annals of Agricultural and Environmental Medicine*, **2014**, 21, 494-9	1.4	9
18	PubMed search strings for the study of agricultural workersSdiseases. *American Journal of Industrial Medicine*, **2013**, 56, 1473-81	2.7	7
17	Obsolete Pesticides A Threat to Environment, Biodiversity and Human Health. *NATO Science for Peace and Security Series C: Environmental Security*, **2013**, 1-21	0.3	7
16	Glyphosate-based herbicides: Evidence of immune-endocrine alteration. *Toxicology*, **2021**, 459, 152851	4.4	7
15	Methods for the Identification of Outliers and Their Influence on Exposure Assessment in Agricultural Pesticide Applicators: A Proposed Approach and Validation Using Biological Monitoring. *Toxics*, **2019**, 7,	4.7	6
14	Hospital EmployeesSWell-Being Six Months after the COVID-19 Outbreak: Results from a Psychological Screening Program in Italy. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	5
13	Establishing health-based biological exposure limits for pesticides: A proof of principle study using mancozeb. *Regulatory Toxicology and Pharmacology*, **2020**, 115, 104689	3.4	4
12	Food contamination control in European new Member States and associated candidate countries: data collected within the SAFEFOODNET project. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2009**, 44, 407-14	2.2	4
11	Trends in occupational diseases in the Italian agricultural sector, 2004-2017. *Occupational and Environmental Medicine*, **2020**, 77, 340-343	2.1	4
10	General Approaches and Procedures for Pesticide Legislation. *NATO Science for Peace and Security Series C: Environmental Security*, **2013**, 449-470	0.3	3
9	Development of Psychometric Properties of FarmersSOccupational Health Behavior Questionnaire for Iranian Farmers. *Journal of Agromedicine*, **2020**, 25, 279-285	1.9	2
8	Epidemiological Studies of Anticholinesterase Pesticide Poisoning: Global Impact **2011**, 341-355		1
7	Urinary Ethylenethiourea as a Biomarker of Exposure to Ethylenebisdithiocarbamates **2006**, 79-89		1
6	Principles and Application of the Integrated Pest Management Approach. Biological Pesticides. *NATO Science for Peace and Security Series C: Environmental Security*, **2013**, 413-432	0.3	1
5	Direct Effects of Glyphosate on T Helper Cell Differentiation and Cytokine Production.. *Frontiers in Immunology*, **2022**, 13, 854837	8.4	1

List of Publications

4	Long-Term Neurotoxicological Effects of Anticholinesterases after either Acute or Chronic Exposure **2011**, 97-108	
3	Exposure and risk profiles: From field studies to typical exposure and risk scenarios **2021**, 199-224	
2	Definition and establishment of biological exposure limits of pesticides for the interpretation of biological monitoring data **2021**, 225-243	
1	Reply. *Occupational Medicine*, **2018**, 68, 148	2.1