Angelo Moretto

List of Publications by Year
in descending order

87 papers	3,134 citations	172386 29 h-index	161767 54 g-index
91 all docs	91 docs citations	91 times ranked	3501 citing authors

#	Article	IF	Citations
1	Persistent organochlorinated pesticides and mechanisms of their toxicity. Toxicology, 2013, 307, 74-88.	2.0	351
2	Organophosphate-Induced Delayed Polyneuropathy. Toxicological Reviews, 2005, 24, 37-49.	2.5	270
3	Cumulative risk assessment of pesticide residues in food. Toxicology Letters, 2008, 180, 137-150.	0.4	237
4	Neurobehavioral and neurodevelopmental effects of pesticide exposures. NeuroToxicology, 2012, 33, 887-896.	1.4	144
5	Biochemical and toxicological evidence of neurological effects of pesticides: The example of Parkinson's disease. NeuroToxicology, 2011, 32, 383-391.	1.4	110
6	Exposure to PFOA and PFOS and fetal growth: a critical merging of toxicological and epidemiological data. Critical Reviews in Toxicology, 2017, 47, 489-515.	1.9	104
7	Risk assessment in the 21st century: Roadmap and matrix. Critical Reviews in Toxicology, 2014, 44, 6-16.	1.9	98
8	A Tiered Approach to Systemic Toxicity Testing for Agricultural Chemical Safety Assessment. Critical Reviews in Toxicology, 2006, 36, 37-68.	1.9	92
9	Promotion of organophosphate-induced delayed polyneuropathy by phenylmethanesulfonyl fluoride. Toxicology and Applied Pharmacology, 1991, 108, 234-241.	1.3	89
10	A 21st century roadmap for human health risk assessment. Critical Reviews in Toxicology, 2014, 44, 1-5.	1.9	88
11	Progressive Deficit of Retrograde Axonal Transport Is Associated with the Pathogenesis of Di-n-Butyl Dichlorvos Axonopathy. Journal of Neurochemistry, 1987, 49, 1515-1522.	2.1	74
12	Experimental and clinical toxicology of anticholinesterase agents. Toxicology Letters, 1998, 102-103, 509-513.	0.4	66
13	Chemical carcinogenicity revisited 3: Risk assessment of carcinogenic potential based on the current state of knowledge of carcinogenesis in humans. Regulatory Toxicology and Pharmacology, 2019, 103, 100-105.	1.3	64
14	Classification schemes for carcinogenicity based on hazard-identification have become outmoded and serve neither science nor society. Regulatory Toxicology and Pharmacology, 2016, 82, 158-166.	1.3	61
15	Chlorpyrifos-induced delayed polyneuropathy. Archives of Toxicology, 1991, 65, 150-155.	1.9	60
16	The role of pesticide exposure in the genesis of Parkinson's disease: Epidemiological studies and experimental data. Toxicology, 2013, 307, 24-34.	2.0	57
17	Chemical carcinogenicity revisited 1: A unified theory of carcinogenicity based on contemporary knowledge. Regulatory Toxicology and Pharmacology, 2019, 103, 86-92.	1.3	56
18	Age sensitivity to organophosphate-induced delayed polyneuropathy. Biochemical Pharmacology, 1991, 41, 1497-1504.	2.0	50

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19	Stem Cell-Derived Systems in Toxicology Assessment. Stem Cells and Development, 2015, 24, 1284-1296.	1.1	49
20	A framework for cumulative risk assessment in the 21st century. Critical Reviews in Toxicology, 2017, 47, 85-97.	1.9	47
21	Chemical carcinogenicity revisited 2: Current knowledge of carcinogenesis shows that categorization as a carcinogen or non-carcinogen is not scientifically credible. Regulatory Toxicology and Pharmacology, 2019, 103, 124-129.	1.3	47
22	Biological monitoring of exposure to tebuconazole in winegrowers. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 643-649.	1.8	43
23	Identification and interpretation of developmental neurotoxicity effects. Neurotoxicology and Teratology, 2008, 30, 349-381.	1.2	37
24	Progressive deficits in retrograde axon transport precede degeneration of motor axons in acrylamide neuropathy. Brain Research, 1988, 440, 18-24.	1.1	35
25	Organophosphate polyneuropathy in chicks. Biochemical Pharmacology, 1993, 45, 131-135.	2.0	33
26	In vivo and in vitro regional differential sensitivity of neuropathy target esterase to Di-n-butyl-2,2-dichlorovinyl phosphate. Archives of Toxicology, 1989, 63, 469-473.	1.9	32
27	Problem formulation for risk assessment of combined exposures to chemicals and other stressors in humans. Critical Reviews in Toxicology, 2016, 46, 835-844.	1.9	32
28	Selecting mixtures on the basis of dietary exposure and hazard data: application to pesticide exposure in the European population in relation to steatosis. International Journal of Hygiene and Environmental Health, 2019, 222, 291-306.	2.1	32
29	Promotion of organophosphate induced delayed polyneuropathy by certain esterase inhibitors. Chemico-Biological Interactions, 1999, 119-120, 519-524.	1.7	31
30	Hexavalent and trivalent chromium in leather: What should be done?. Regulatory Toxicology and Pharmacology, 2015, 73, 681-686.	1.3	30
31	Interaction of methamidophos with hen and human acetylcholinesterase and neuropathy target esterase. Archives of Toxicology, 1991, 65, 580-585.	1.9	29
32	Do carbamates cause polyneuropathy?. Muscle and Nerve, 2006, 34, 499-502.	1.0	29
33	Clinical expression of organophosphate-induced delayed polyneuropathy in rats. Toxicology Letters, 1992, 63, 97-102.	0.4	27
34	Application of chemometric methods and QSAR models to support pesticide risk assessment starting from ecotoxicological datasets. Water Research, 2020, 174, 115583.	5.3	26
35	Phenylmethanesulfonyl fluoride delays the recovery from crush of peripheral nerves in hens. Chemico-Biological Interactions, 1993, 87, 457-462.	1.7	25
36	Phenyl Valerate Esterases Other than Neuropathy Target Esterase and the Promotion of Organophosphate Polyneuropathy. Chemical Research in Toxicology, 1997, 10, 1045-1048.	1.7	23

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37	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.	0.4	23
38	Assessment of penconazole exposure in winegrowers using urinary biomarkers. Environmental Research, 2019, 168, 54-61.	3.7	23
39	Use of Human Data for the Derivation of a Reference Dose for Chlorpyrifos. Regulatory Toxicology and Pharmacology, 2001, 33, 110-116.	1.3	21
40	Genotoxic risk in rubber manufacturing industry: A systematic review. Toxicology Letters, 2014, 230, 345-355.	0.4	21
41	Long-term occupational and environmental exposure to penconazole and tebuconazole by hair biomonitoring. Toxicology Letters, 2018, 298, 19-24.	0.4	21
42	The ethics of human volunteer studies involving experimental exposure to pesticides: unanswered dilemmas. Environmental Health, 2010, 9, 50.	1.7	18
43	Axotomy-induced ornithine decarboxylase activity in the mouse dorsal root ganglion is inhibited by the vinca alkaloids. Neurochemical Research, 1988, 13, 1169-1173.	1.6	15
44	Cholinergic symptoms and Gulf War syndrome. Nature Medicine, 1995, 1, 1225-1226.	15.2	14
45	Human serum â€œAâ€•esterases. Biochemical Pharmacology, 1989, 38, 671-676.	2.0	13
46	Pesticide exposure pathways among children of agricultural workers. Zeitschrift Fur Gesundheitswissenschaften, 2007, 15, 289-299.	0.8	13
47	Testing a cumulative and aggregate exposure model using biomonitoring studies and dietary records for Italian vineyard spray operators. Food and Chemical Toxicology, 2015, 79, 45-53.	1.8	13
48	The ACROPOLIS project: Its aims, achievements, and way forward. Food and Chemical Toxicology, 2015, 79, 1-4.	1.8	13
49	Illustrative case using the RISK21 roadmap and matrix: prioritization for evaluation of chemicals found in drinking water. Critical Reviews in Toxicology, 2016, 46, 43-53.	1.9	13
50	Organ distribution of neuropathy target esterase in man. Biochemical Pharmacology, 1988, 37, 3041-3043.	2.0	12
51	A generic PBTK model implemented in the MCRA platform: Predictive performance and uses in risk assessment of chemicals. Food and Chemical Toxicology, 2020, 142, 111440.	1.8	12
52	Blood copper in organophosphate-induced delayed polyneuropathy. Toxicology Letters, 1988, 41, 175-180.	0.4	11
53	Promoters and promotion of axonopathies. Toxicology Letters, 2000, 112-113, 17-21.	0.4	11
54	Exposure to multiple chemicals: when and how to assess the risk from pesticide residues in food. Trends in Food Science and Technology, 2008, 19, S56-S63.	7.8	11

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55	Effects of mixtures of azole fungicides in postimplantation rat whole-embryo cultures. Archives of Toxicology, 2013, 87, 1989-1997.	1.9	11
56	An adverse outcome pathway on the disruption of retinoic acid metabolism leading to developmental craniofacial defects. Toxicology, 2021, 458, 152843.	2.0	11
57	Dermal exposure and risk assessment of tebuconazole applicators in vineyards. Medicina Del Lavoro, 2015, 106, 294-315.	0.3	11
58	The relationship between isofenphos cholinergic toxicity and the development of polyneuropathy in hens and humans. Archives of Toxicology, 2002, 76, 367-375.	1.9	10
59	Test and Risk Assessment Strategies for combined exposure to multiple chemicals. Food and Chemical Toxicology, 2020, 144, 111607.	1.8	10
60	Cumulative dietary risk assessment overarching different regulatory silos using a margin of exposure approach: A case study with three chemical silos. Food and Chemical Toxicology, 2020, 142, 111416.	1.8	10
61	Blood lead levels following consumption of game meat in Italy. Environmental Research, 2017, 155, 36-41.	3.7	9
62	Health effects of living near an incinerator: A systematic review of epidemiological studies, with focus on last generation plants. Environmental Research, 2020, 184, 109305.	3.7	9
63	Peripheral nerve esterases and the promotion of organophosphate-induced neuropathy in hens. Chemico-Biological Interactions, 2005, 157-158, 285-291.	1.7	8
64	The search for the physiological functions of NTE: Is NTE a receptor?. Chemico-Biological Interactions, 1993, 87, 407-416.	1.7	7
65	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, 407-414.	0.7	6
66	The use of in vitro testing to refine cumulative assessment groups of pesticides: The example of teratogenic conazoles. Food and Chemical Toxicology, 2015, 79, 65-69.	1.8	6
67	Development of an adverse outcome pathway for cranio-facial malformations: A contribution from in silico simulations and in vitro data. Food and Chemical Toxicology, 2020, 140, 111303.	1.8	6
68	Modified Xenopus laevis approach (R-FETAX) as an alternative test for the evaluation of foetal valproate spectrum disorder. Reproductive Toxicology, 2022, 107, 140-149.	1.3	6
69	The University of Padua salivary-based SARS-CoV-2 surveillance program minimized viral transmission during the second and third pandemic wave. BMC Medicine, 2022, 20, 96.	2.3	6
70	Peripheral Nervous System Effects and Delayed Neuropathy. , 2006, , 361-370.		5
71	Relative potency ranking of azoles altering craniofacial morphogenesis in rats: An in vitro data modelling approach. Food and Chemical Toxicology, 2019, 123, 553-560.	1.8	5
72	The codification of hazard and its impact on the hazard versus risk controversy. Archives of Toxicology, 2021, 95, 3611-3621.	1.9	5

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73	A new approach to the classification of carcinogenicity. Archives of Toxicology, 2022, 96, 2419-2428.	1.9	5
74	Promotion of Peripheral Axonopathies by Certain Esterase Inhibitors. Toxicology and Industrial Health, 1993, 9, 1037-1046.	0.6	4
75	The Italian system of data reporting in agriculture occupational health: a critical appraisal. Zeitschrift Fur Gesundheitswissenschaften, 2007, 15, 301-313.	0.8	3
76	Exposure assessment for chemical and physical agents. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 131, 47-59.	1.0	3
77	Testing for Organophosphateâ€Induced Delayed Polyneuropathy. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 1999, 00, Unit11.5.	1.1	2
78	Response to Loomis etÂal Comment on Boobis etÂal. Regulatory Toxicology and Pharmacology, 2017, 88, 358-359.	1.3	2
79	Genotoxicity in risk assessment: is it time to use a threshold approach?. Current Opinion in Toxicology, 2018, 11-12, 21-26.	2.6	2
80	Obfuscating transparency?. Regulatory Toxicology and Pharmacology, 2018, 97, A1-A3.	1.3	2
81	Vaccination and Immunity toward Measles: A Serosurvey in Future Healthcare Workers. Vaccines, 2021, 9, 377.	2.1	2
82	Use of Plant Protection Products in Lombardy, Italy and the Health Risk for the Ingestion of Contaminated Water. Toxics, 2021, 9, 160.	1.6	2
83	Commentary to Merwin SJ, Obis T, Nunez Y, Re DB (2017) Organophosphate neurotoxicity to the voluntary motor system on the trail of environment-caused amyotrophic lateral sclerosis: the known, the misknown, and the unknown. Arch Toxicol [Epub ahead of print]. doi:10.1007/s00204-016-1926-1. Archives of Toxicology, 2017, 91, 3189-3190.	1.9	1
84	Response to Vaccination against Mumps in Medical Students: Two Doses Are Needed. Viruses, 2021, 13, 1311.	1.5	1
85	The Impact of Air Pollution and Aeroallergens Levels on Upper Airway Acute Diseases at Urban Scale. International Journal of Environmental Research, 2022, 16, .	1.1	1
86	A novel probe for characterisation of neuropathy target esterase. Human and Experimental Toxicology, 1995, 14, 930-931.	1.1	0
87	Occupational Aspects of Pesticide Toxicity in Humans. , 0, , 429-472.		0