

Pasquale Mosesso

List of Publications by Year in descending order

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68
papers

2,618
citations

236925

25
h-index

197818

49
g-index

68
all docs

68
docs citations

68
times ranked

3313
citing authors

#	ARTICLE	IF	CITATIONS
1	Human MicroNucleus project: international database comparison for results with the cytokinesis-block micronucleus assay in human lymphocytes: I. Effect of laboratory protocol, scoring criteria, and host factors on the frequency of micronuclei. <i>Environmental and Molecular Mutagenesis</i> , 2001, 37, 31-45.	2.2	387
2	Ultrasound Driven Assembly of Lignin into Microcapsules for Storage and Delivery of Hydrophobic Molecules. <i>Biomacromolecules</i> , 2014, 15, 1634-1643.	5.4	221
3	Report from working group on in vitro tests for chromosomal aberrations. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1994, 312, 241-261.	0.4	144
4	Werner's Syndrome Protein Is Required for Correct Recovery after Replication Arrest and DNA Damage Induced in S-Phase of Cell Cycle. <i>Molecular Biology of the Cell</i> , 2001, 12, 2412-2421.	2.1	135
5	Scientific opinion on the safety of green tea catechins. <i>EFSA Journal</i> , 2018, 16, e05239.	1.8	118
6	Ochratoxin A Causes DNA Damage and Cytogenetic Effects but No DNA Adducts in Rats. <i>Chemical Research in Toxicology</i> , 2005, 18, 1253-1261.	3.3	101
7	Re-evaluation of silicon dioxide (E551) as a food additive. <i>EFSA Journal</i> , 2018, 16, e05088.	1.8	95
8	Genotoxicity assessment of chemical mixtures. <i>EFSA Journal</i> , 2019, 17, e05519.	1.8	95
9	Evaluation of the genetic and embryotoxic effects of bis(tri-n-butyltin)oxide (TBTO), a broad-spectrum pesticide, in multiple in vivo and in vitro short-term tests. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1987, 188, 65-95.	1.2	78
10	Clarification of some aspects related to genotoxicity assessment. <i>EFSA Journal</i> , 2017, 15, e05113.	1.8	72
11	Re-evaluation of carrageenan (E407) and processed Eucheuma seaweed (E407a) as food additives. <i>EFSA Journal</i> , 2018, 16, e05238.	1.8	64
12	Re-evaluation of potassium nitrite (E249) and sodium nitrite (E250) as food additives. <i>EFSA Journal</i> , 2017, 15, e04786.	1.8	58
13	Perturbation of Mitosis through Inhibition of Histone Acetyltransferases: The Key to Ochratoxin A Toxicity and Carcinogenicity?. <i>Toxicological Sciences</i> , 2011, 122, 317-329.	3.1	50
14	The Use of <i>In Vitro</i> Systems for Evaluating Haematotoxicity. <i>ATLA Alternatives To Laboratory Animals</i> , 1996, 24, 211-231.	1.0	50
15	Low molecular weight polyethylene glycol induces chromosome aberrations in Chinese hamster cells cultured in vitro. <i>Mutagenesis</i> , 2002, 17, 261-264.	2.6	46
16	Re-evaluation of sodium nitrate (E 251) and potassium nitrate (E 252) as food additives. <i>EFSA Journal</i> , 2017, 15, e04787.	1.8	44
17	Scientific opinion on the safety of monacolins in red yeast rice. <i>EFSA Journal</i> , 2018, 16, e05368.	1.8	44
18	Furan carcinogenicity: DNA binding and genotoxicity of furan in rats in vivo. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1363-1374.	3.3	42

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19	The genetic toxicology of 6-mercaptopurine. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1993, 296, 279-294.	2.9	35
20	Werner's syndrome lymphoblastoid cells are hypersensitive to topoisomerase II inhibitors in the G2 phase of the cell cycle. <i>Mutation Research DNA Repair</i> , 2000, 459, 123-133.	3.7	33
21	Re-evaluation of glycerol (E422) as a food additive. <i>EFSA Journal</i> , 2017, 15, e04720.	1.8	33
22	The protective effect of l-carnitine in peripheral blood human lymphocytes exposed to oxidative agents. <i>Mutagenesis</i> , 2006, 21, 21-27.	2.6	32
23	Re-evaluation of Î-cyclodextrin (E459) as a food additive. <i>EFSA Journal</i> , 2016, 14, e04628.	1.8	29
24	In Vitro Cytogenetic Results Supporting a DNA Nonreactive Mechanism for Ochratoxin A, Potentially Relevant for Its Carcinogenicity. <i>Chemical Research in Toxicology</i> , 2008, 21, 1235-1243.	3.3	27
25	Safety of hydroxyanthracene derivatives for use in food. <i>EFSA Journal</i> , 2018, 16, e05090.	1.8	27
26	A selective de-O-methylation of guaiacyl lignans to corresponding catechol derivatives by 2-iodoxybenzoic acid (IBX). The role of the catechol moiety on the toxicity of lignans. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2367.	2.8	26
27	Re-evaluation of xanthan gum (E415) as a food additive. <i>EFSA Journal</i> , 2017, 15, e04909.	1.8	26
28	Re-evaluation of alginic acid and its sodium, potassium, ammonium and calcium salts (E 400-E 404) as food additives. <i>EFSA Journal</i> , 2017, 15, e05049.	1.8	24
29	Synthesis of nano- and microstructures from proanthocyanidins, tannic acid and epigallocatechin-3-O-gallate for active delivery. <i>Green Chemistry</i> , 2017, 19, 5074-5091.	9.0	23
30	Re-evaluation of lecithins (E 322) as a food additive. <i>EFSA Journal</i> , 2017, 15, e04742.	1.8	22
31	Clastogenic effects of the dithiocarbamate fungicides thiram and ziram in Chinese hamster cell lines cultured in vitro. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1994, 14, 145-155.	0.8	21
32	Cytogenetic evaluation of extractable agents from airborne particulate matter generated in the city of Catania (Italy). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 561, 45-52.	1.7	21
33	Relationship between chromatin structure, DNA damage and repair following X-irradiation of human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 701, 86-91.	1.7	21
34	Terrestrial gastropods (<i>Helix spp</i>) as sentinels of primary DNA damage for biomonitoring purposes: A validation study. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 204-212.	2.2	20
35	Re-evaluation of agar (E406) as a food additive. <i>EFSA Journal</i> , 2016, 14, e04645.	1.8	20
36	Re-evaluation of mono- and di-glycerides of fatty acids (E471) as food additives. <i>EFSA Journal</i> , 2017, 15, e05045.	1.8	20

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37	Induction of chromosomal aberrations (unstable and stable) by inhibitors of topoisomerase II, m-AMSA and VP16, using conventional Giemsa staining and chromosome painting techniques. <i>Mutagenesis</i> , 1998, 13, 39-43.	2.6	19
38	The use of cyprinodont fish, <i>Aphanius fasciatus</i> , as a sentinel organism to detect complex genotoxic mixtures in the coastal lagoon ecosystem. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 742, 31-36.	1.7	18
39	Utility of B-13 Progenitor-Derived Hepatocytes in Hepatotoxicity and Genotoxicity Studies. <i>Toxicological Sciences</i> , 2014, 137, 350-370.	3.1	17
40	Interspecies variation in DNA damage induced by pollution. <i>Environmental Epigenetics</i> , 2014, 60, 308-321.	1.8	17
41	Re-evaluation of acacia gum (E414) as a food additive. <i>EFSA Journal</i> , 2017, 15, e04741.	1.8	17
42	Re-evaluation of oxidised starch (E1404), monostarch phosphate (E1410), distarch phosphate (E1412), phosphated distarch phosphate (E1413), acetylated distarch phosphate (E1414), acetylated starch (E1420), acetylated distarch adipate (E1422), hydroxypropyl starch (E1440), hydroxypropyl distarch phosphate (E1442), starch sodium octenyl succinate (E1450), acetylated oxidised starch (E1451) and starch aluminium octenyl succinate (E1452) as food additives. <i>EFSA Journal</i> , 2017, 15, e04911.	1.8	16
43	Synthesis and antioxidant activity of DOPA peptidomimetics by a novel IBX mediated aromatic oxidative functionalization. <i>RSC Advances</i> , 2015, 5, 60354-60364.	3.6	15
44	Evidence that camptothecin-induced aberrations in the G2 phase of cell cycle of Chinese hamster ovary (CHO) cell lines is associated with transcription. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 452, 189-195.	1.0	14
45	Methyltrioxorhenium catalysed synthesis of highly oxidised aryltetralin lignans with anti-topoisomerase II and apoptogenic activities. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 5949-5960.	3.0	14
46	The involvement of chromatin condensation in camptothecin-induced chromosome breaks in G0 human lymphocytes. <i>Mutagenesis</i> , 1999, 14, 103-105.	2.6	13
47	A comparative study of the anticlastogenic effects of chlorophyllin on N-methyl-N ² -nitro-N-nitrosoguanidine (MNNG) or 7,12-dimethylbenz (±) anthracene (DMBA) induced micronuclei in mammalian cells in vitro and in vivo. <i>Toxicology Letters</i> , 2012, 214, 235-242.	0.8	12
48	Approach followed for the refined exposure assessment as part of the safety assessment of food additives under re-evaluation. <i>EFSA Journal</i> , 2017, 15, e05042.	1.8	12
49	Re-evaluation of propane-1,2-diol (E1520) as a food additive. <i>EFSA Journal</i> , 2018, 16, e05235.	1.8	12
50	Cytogenetic analyses of Azadirachtin reveal absence of genotoxicity but marked antiproliferative effects in human lymphocytes and CHO cells in vitro. <i>Toxicology Letters</i> , 2012, 213, 361-366.	0.8	11
51	Re-evaluation of polyglycerol polyricinoleate (E476) as a food additive. <i>EFSA Journal</i> , 2017, 15, e04743.	1.8	11
52	Distribution of camptothecin-induced break points in Chinese hamster cells treated in late S and G2 phases of the cell cycle. <i>Mutagenesis</i> , 1998, 13, 257-261.	2.6	10
53	Re-evaluation of guar gum (E412) as a food additive. <i>EFSA Journal</i> , 2017, 15, e04669.	1.8	10
54	Re-evaluation of gellan gum (E418) as food additive. <i>EFSA Journal</i> , 2018, 16, e05296.	1.8	9

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55	Re-evaluation of polyglycerol esters of fatty acids (E475) as a food additive. EFSA Journal, 2017, 15, e05089.	1.8	8
56	Scientific Opinion on Flavouring Group Evaluation 200, Revision 1 (FGE.200 Rev.1): 74 ±, 12 ± Unsaturated aliphatic aldehydes and precursors from chemical subgroup 1.1.1 of FGE.19. EFSA Journal, 2018, 16, e05422.	1.8	8
57	Oxidative Stress, Mutations and Chromosomal Aberrations Induced by In Vitro and In Vivo Exposure to Furan. International Journal of Molecular Sciences, 2021, 22, 9687.	4.1	8
58	Re-evaluation of calcium silicate (E552), magnesium silicate (E553a(i)), magnesium trisilicate (E553a(ii)) and talc (E553b) as food additives. EFSA Journal, 2018, 16, e05375.	1.8	7
59	The induction of forward gene mutation and gene conversion in yeasts by treatment with cyclophosphamide in vitro and in vivo. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1983, 111, 295-312.	1.0	6
60	Potassium bromate but not X-rays cause unexpectedly elevated levels of DNA breakage similar to those induced by ultraviolet light in Cockayne syndrome (CS-B) fibroblasts. Cytogenetic and Genome Research, 2004, 104, 178-181.	1.1	6
61	Effect of blueberries (BB) on micronuclei induced by N-methyl-N-nitrosoguanidine (MNNG) and 7,12-dimethylbenz(a)anthracene (DMBA) in mammalian cells, assessed in in vitro and in vivo assays. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 758, 6-11.	1.7	5
62	Scientific Opinion on Flavouring Group Evaluation 201 Revision 2 (FGE.201Rev2): 2-alkylated, aliphatic, acyclic alpha,beta-unsaturated aldehydes and precursors, with or without additional double bonds, from chemical subgroup 1.1.2 of FGE.19. EFSA Journal, 2018, 16, e05423.	1.8	5
63	Scientific Opinion on Flavouring Group Evaluation 7, Revision 5 (FGE.07Rev5): saturated and unsaturated aliphatic secondary alcohols, ketones and esters of secondary alcohols and saturated linear or branched-chain carboxylic acids from chemical group 5. EFSA Journal, 2017, 15, e04725.	1.8	4
64	Scientific Opinion of Flavouring Group Evaluation 410 (FGE.410): 4-hydroxyflavanone from chemical group 25 (phenol derivatives containing ring-alkyl, ring-alkoxy, and side-chains with an) Tj ETQq0 0 Q.igBT /Overlock 10 T		
65	Modulation of hypersensitivity to oxidative DNA damage in ATM defective cells induced by potassium bromate by inhibition of the Poly (ADP-ribose) polymerase (PARP). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 836, 117-123.	1.7	3
66	Cytogenetic evidence that DNA topoisomerase II is not involved in radiation induced chromosome-type aberrations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 793, 14-18.	1.7	2
67	Statement on the validity of the conclusions of a mouse carcinogenicity study on sucralose (E955) performed by the Ramazzini Institute. EFSA Journal, 2017, 15, e04784.	1.8	1
68	Safety of the proposed amendment of the specifications for the food additive polyvinyl alcohol-polyethylene glycol-graft copolymer (E1209). EFSA Journal, 2017, 15, e04865.	1.8	1