

# Marco E M Peluso

## List of Publications by Year in descending order

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92  
papers

4,326  
citations

109321

35  
h-index

114465

63  
g-index

93  
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93  
docs citations

93  
times ranked

4659  
citing authors

#	ARTICLE	IF	CITATIONS
1	XRCC1, XRCC3, XPD gene polymorphisms, smoking and 32P-DNA adducts in a sample of healthy subjects. <i>Carcinogenesis</i> , 2001, 22, 1437-1445.	2.8	421
2	DNA repair gene polymorphisms, bulky DNA adducts in white blood cells and bladder cancer in a case-control study. <i>International Journal of Cancer</i> , 2001, 92, 562-567.	5.1	267
3	DNA repair polymorphisms and cancer risk in non-smokers in a cohort study. <i>Carcinogenesis</i> , 2006, 27, 997-1007.	2.8	227
4	Genotoxic effects of neutrophils and hypochlorous acid. <i>Mutagenesis</i> , 2010, 25, 149-154.	2.6	226
5	Air pollution and risk of lung cancer in a prospective study in Europe. <i>International Journal of Cancer</i> , 2006, 119, 169-174.	5.1	158
6	TP53 and KRAS2 Mutations in Plasma DNA of Healthy Subjects and Subsequent Cancer Occurrence: A Prospective Study. <i>Cancer Research</i> , 2006, 66, 6871-6876.	0.9	158
7	DNA adduct levels and DNA repair polymorphisms in traffic-exposed workers and a general population sample. <i>International Journal of Cancer</i> , 2001, 94, 121-127.	5.1	125
8	DNA Adducts and Lung Cancer Risk: A Prospective Study. <i>Cancer Research</i> , 2005, 65, 8042-8048.	0.9	109
9	Genotoxic Activity of Glyphosate and Its Technical Formulation Roundup. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 1957-1962.	5.2	99
10	Amount of DNA in plasma and cancer risk: A prospective study. <i>International Journal of Cancer</i> , 2004, 111, 746-749.	5.1	95
11	Diet, metabolic polymorphisms and dna adducts: The epic-Italy cross-sectional study. <i>International Journal of Cancer</i> , 2000, 87, 444-451.	5.1	92
12	32Postabelling analysis of urinary mutagens from smokers of black tobacco implicates 2-amino-1-methyl-6-phnylimidazo[4,5-b]pyridine (PhIP) as a major DNA-damaging agent. <i>Carcinogenesis</i> , 1991, 12, 713-717.	2.8	90
13	White blood cell DNA adducts and fruit and vegetable consumption in bladder cancer. <i>Carcinogenesis</i> , 2000, 21, 183-187.	2.8	87
14	Multi-factor dimensionality reduction applied to a large prospective investigation on gene-gene and gene-environment interactions. <i>Carcinogenesis</i> , 2006, 28, 414-422.	2.8	70
15	DNA adducts and cancer risk in prospective studies: a pooled analysis and a meta-analysis. <i>Carcinogenesis</i> , 2008, 29, 932-936.	2.8	70
16	Analysis of 13 32P-DNA Postlabeling Studies on Occupational Cohorts Exposed to Air Pollution. <i>American Journal of Epidemiology</i> , 2001, 153, 546-558.	3.4	67
17	Asthma Symptoms, Lung Function, and Markers of Oxidative Stress and Inflammation in Children Exposed to Oil Refinery Pollution. <i>Journal of Asthma</i> , 2011, 48, 84-90.	1.7	63
18	Malondialdehyde <sup>2</sup> Deoxyguanosine Adduct Formation in Workers of Pathology Wards: The Role of Air Formaldehyde Exposure. <i>Chemical Research in Toxicology</i> , 2010, 23, 1342-1348.	3.3	62

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19	32P-postlabeling detection of DNA adducts in mice treated with the herbicide roundup. <i>Environmental and Molecular Mutagenesis</i> , 1998, 31, 55-59.	2.2	60
20	Biomarkers of dietary intake of micronutrients modulate DNA adduct levels in healthy adults. <i>Carcinogenesis</i> , 2003, 24, 739-746.	2.8	60
21	Genetic susceptibility according to three metabolic pathways in cancers of the lung and bladder and in myeloid leukemias in nonsmokers. <i>Annals of Oncology</i> , 2007, 18, 1230-1242.	1.2	59
22	Bronchial malondialdehyde DNA adducts, tobacco smoking, and lung cancer. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1499-1505.	2.9	57
23	The effects of diet on DNA bulky adduct levels are strongly modified by GSTM1 genotype: a study on 634 subjects. <i>Carcinogenesis</i> , 2003, 25, 577-584.	2.8	56
24	Determinants of 4-aminobiphenyl-DNA adducts in bladder cancer biopsies. <i>Carcinogenesis</i> , 2002, 23, 861-866.	2.8	54
25	DNA methylation differences in exposed workers and nearby residents of the Ma Ta Phut industrial estate, Rayong, Thailand. <i>International Journal of Epidemiology</i> , 2012, 41, 1753-1760.	1.9	51
26	Beta-carotene affects oxidative stress-related DNA damage in lung epithelial cells and in ferret lung. <i>Carcinogenesis</i> , 2009, 30, 2070-2076.	2.8	49
27	32P-Postlabelling analysis of DNA adducted with urinary mutagens from smokers of black tobacco. <i>Carcinogenesis</i> , 1990, 11, 1307-1311.	2.8	46
28	Intrauterine exposure to flavonoids modifies antioxidant status at adulthood and decreases oxidative stress-induced DNA damage. <i>Free Radical Biology and Medicine</i> , 2013, 57, 154-161.	2.9	46
29	The oxidation of p-phenylenediamine, an ingredient used for permanent hair dyeing purposes, leads to the formation of hydroxyl radicals: Oxidative stress and DNA damage in human immortalized keratinocytes. <i>Toxicology Letters</i> , 2015, 239, 194-204.	0.8	46
30	Methodology of laboratory measurements in prospective studies on gene-environment interactions: The experience of GenAir. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 574, 92-104.	1.0	45
31	Comparison of DNA adduct levels in nasal mucosa, lymphocytes and bronchial mucosa of cigarette smokers and interaction with metabolic gene polymorphisms. <i>Carcinogenesis</i> , 2004, 25, 2459-2465.	2.8	43
32	32P-Post-labelling method improvements for aromatic compound-related molecular epidemiology studies. <i>Mutagenesis</i> , 2007, 22, 381-385.	2.6	43
33	Exocyclic malondialdehyde and aromatic DNA adducts in larynx tissues. <i>Free Radical Biology and Medicine</i> , 2004, 37, 850-858.	2.9	40
34	DNA adduct formation among workers in a Thai industrial estate and nearby residents. <i>Science of the Total Environment</i> , 2008, 389, 283-288.	8.0	38
35	Malondialdehyde-Deoxyguanosine Adducts among Workers of a Thai Industrial Estate and Nearby Residents. <i>Environmental Health Perspectives</i> , 2010, 118, 55-59.	6.0	38
36	Detection of DNA adducts in human nasal mucosa tissue by 32P- postlabeling analysis. <i>Carcinogenesis</i> , 1997, 18, 339-344.	2.8	37

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37	Breast fine-needle aspiration malondialdehyde deoxyguanosine adduct in breast cancer. <i>Free Radical Research</i> , 2011, 45, 477-482.	3.3	36
38	Transcriptional profiling of the acute pulmonary inflammatory response induced by LPS: role of neutrophils. <i>Respiratory Research</i> , 2010, 11, 24.	3.6	33
39	4-Aminobiphenyl-Hemoglobin Adducts and Risk of Smoking-Related Disease in Never Smokers and Former Smokers in the European Prospective Investigation into Cancer and Nutrition Prospective Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 2118-2124.	2.5	32
40	15-F2t isoprostane as biomarker of oxidative stress induced by tobacco smoke and occupational exposure to formaldehyde in workers of plastic laminates. <i>Science of the Total Environment</i> , 2013, 442, 20-25.	8.0	32
41	Combination of DNA repair gene single nucleotide polymorphisms and increased levels of DNA adducts in a population-based study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2003, 12, 674-7.	2.5	32
42	Linking the generation of DNA adducts to lung cancer. <i>Toxicology</i> , 2017, 390, 160-166.	4.2	30
43	Genotoxic effects of the carbamate insecticide, methomyl. II. In vivo studies with pure compound and the technical formulation, "œlannate 25", <i>Environmental and Molecular Mutagenesis</i> , 1994, 24, 235-242.	2.2	29
44	Aromatic DNA Adducts and Risk of Gastrointestinal Cancers: A Case-Cohort Study within the EPIC-Spain. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 685-692.	2.5	29
45	Aromatic DNA adducts and polymorphisms in metabolic genes in healthy adults: findings from the EPIC-Spain cohort. <i>Carcinogenesis</i> , 2009, 30, 968-976.	2.8	28
46	Oxidatively damaged DNA in the nasal epithelium of workers occupationally exposed to silica dust in Tuscany region, Italy. <i>Mutagenesis</i> , 2015, 30, 519-525.	2.6	28
47	Dietary and lifestyle determinants of malondialdehyde DNA adducts in a representative sample of the Florence City population. <i>Mutagenesis</i> , 2016, 31, 475-480.	2.6	28
48	Malondialdehyde-deoxyguanosine and bulky DNA adducts in schoolchildren resident in the proximity of the Sarroch industrial estate on Sardinia Island, Italy. <i>Mutagenesis</i> , 2013, 28, 315-321.	2.6	27
49	Decreased nucleotide excision repair in steatotic livers associates with myeloperoxidase-immunoreactivity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 736, 75-81.	1.0	26
50	Bisphenol-A exposures and behavioural aberrations: Median and linear spline and meta-regression analyses of 12 toxicity studies in rodents. <i>Toxicology</i> , 2014, 325, 200-208.	4.2	26
51	Bulky DNA Adducts, Tobacco Smoking, Genetic Susceptibility, and Lung Cancer Risk. <i>Advances in Clinical Chemistry</i> , 2017, 81, 231-277.	3.7	26
52	Physical activity and lung cancer among non-smokers: a pilot molecular epidemiological study within EPIC. <i>Biomarkers</i> , 2010, 15, 20-30.	1.9	25
53	Multimodal lung cancer screening using the ITALUNG biomarker panel and low dose computed tomography. Results of the ITALUNG biomarker study. <i>International Journal of Cancer</i> , 2017, 141, 94-101.	5.1	25
54	DNA adducts and PM10 exposure in traffic-exposed workers and urban residents from the EPIC-Florence City study. <i>Science of the Total Environment</i> , 2008, 403, 105-112.	8.0	24

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55	Bulky DNA Adducts in White Blood Cells: A Pooled Analysis of 3,600 Subjects. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 3174-3181.	2.5	24
56	8-Oxo-7,8-dihydro-2- $\epsilon$ -deoxyguanosine and other lesions along the coding strand of the exon 5 of the tumour suppressor gene P53 in a breast cancer case-control study. <i>DNA Research</i> , 2016, 23, 395-402.	3.4	24
57	Bulky DNA adducts, 4-aminobiphenyl-haemoglobin adducts and diet in the European Prospective Investigation into Cancer and Nutrition (EPIC) prospective study. <i>British Journal of Nutrition</i> , 2008, 100, 489-495.	2.3	23
58	Aberrant Methylation of Hypermethylated-in-Cancer-1 and Exocyclic DNA Adducts in Tobacco Smokers. <i>Toxicological Sciences</i> , 2014, 137, 47-54.	3.1	23
59	Formaldehyde-induced toxicity in the nasal epithelia of workers of a plastic laminate plant. <i>Toxicology Research</i> , 2016, 5, 752-760.	2.1	23
60	DNA adducts and combinations of multiple lung cancer at-risk alleles in environmentally exposed and smoking subjects. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 375-383.	2.2	20
61	Smoking, DNA Adducts and Number of Risk DNA Repair Alleles in Lung Cancer Cases, in Subjects with Benign Lung Diseases and in Controls. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-7.	1.2	19
62	Exposure to agrochemicals and DNA adducts in Western Liguria, Italy. , 1999, 34, 52-56.		18
63	Randomized controlled trial: effects of diet on DNA damage in heavy smokers. <i>Mutagenesis</i> , 2006, 21, 179-183.	2.6	17
64	Aromatic DNA adducts and breast cancer risk: a case-cohort study within the EPIC-Spain. <i>Carcinogenesis</i> , 2017, 38, 691-698.	2.8	17
65	Magnetic Hyperthermia and Oxidative Damage to DNA of Human Hepatocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 939.	4.1	17
66	Methods for predicting carcinogenic hazards: new opportunities coming from recent developments in molecular oncology and SAR studies. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 391, 3-32.	1.7	16
67	Oxidative Stress and DNA Damage in Chronic Disease and Environmental Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6936.	4.1	16
68	Fruit and vegetable and fried food consumption and 3-(2-deoxy- $\beta$ -D-erythro-pentafuranosyl)pyrimido[1,2- $\beta$ ] purin-10(3H)-one deoxyguanosine adduct formation. <i>Free Radical Research</i> , 2012, 46, 85-92.	3.3	15
69	Paternal Exposure to Environmental Chemical Stress Affects Male Offspring's Hepatic Mitochondria. <i>Toxicological Sciences</i> , 2018, 162, 241-250.	3.1	15
70	DNA bulky adducts in a Mediterranean population correlate with environmental ozone concentration, an indicator of photochemical smog. <i>International Journal of Cancer</i> , 2004, 109, 17-23.	5.1	13
71	Pooled analysis of studies on DNA adducts and dietary vitamins. <i>Mutation Research - Reviews in Mutation Research</i> , 2010, 705, 77-82.	5.5	13
72	Bulky DNA adducts and breast cancer risk in the prospective EPIC-Italy study. <i>Breast Cancer Research and Treatment</i> , 2011, 129, 477-484.	2.5	13

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73	Aromatic adducts and lung cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) Spanish cohort. <i>Carcinogenesis</i> , 2014, 35, 2047-2054.	2.8	12
74	Aromatic DNA adducts and number of lung cancer risk alleles in Map-Ta-Phut Industrial Estate workers and nearby residents. <i>Mutagenesis</i> , 2013, 28, 57-63.	2.6	10
75	Duration of exposure to environmental carcinogens affects DNA-adduct level in human lymphocytes. <i>Biomarkers</i> , 2010, 15, 575-582.	1.9	9
76	Oxidative DNA damage and formalin-fixation procedures. <i>Toxicology Research</i> , 2014, 3, 341-349.	2.1	9
77	Wood dust and urinary 15-F2t isoprostane in Italian industry workers. <i>Environmental Research</i> , 2019, 173, 300-305.	7.5	9
78	DNA damage and genomic instability among workers formerly and currently exposed to asbestos. <i>Scandinavian Journal of Work, Environment and Health</i> , 2018, 44, 423-431.	3.4	9
79	Reliability of bulky DNA adducts measurement by the nuclease P132P-post-labelling technique. <i>Biomarkers</i> , 2005, 10, 1-9.	1.9	8
80	Aromatic DNA adducts in relation to dietary and other lifestyle factors in Spanish adults. <i>European Food Research and Technology</i> , 2009, 229, 549-559.	3.3	8
81	In vivo studies on genotoxicity of a soil fumigant, dazomet. , 1998, 32, 179-184.		7
82	Evaluation of bulky DNA adduct levels after pesticide use: Comparison between open-field farmers and fruit growers. <i>Toxicological and Environmental Chemistry</i> , 2007, 89, 125-139.	1.2	7
83	DNA adducts and the total sum of at-risk DNA repair alleles in the nasal epithelium, a target tissue of tobacco smoking-associated carcinogenesis. <i>Toxicology Research</i> , 2014, 3, 42-49.	2.1	7
84	A Cross-Sectional Study on 3-(2-Deoxy- $\beta$ -D-Erythro-Pentafuranosyl)Pyrimido[1,2- $\beta$ ]Purin-10(3H)-One Deoxyguanosine Adducts among Woodworkers in Tuscany, Italy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2763.	4.1	7
85	The choice of controls in a case-control study on WBC-DNA adducts and metabolic polymorphisms. <i>Biomarkers</i> , 2000, 5, 307-313.	1.9	6
86	3-(2-deoxy- $\beta$ - d - erythro -pentafuranosyl)pyrimido[1,2- $\beta$ ]purin-10(3H)-one deoxyguanosine adducts of workers exposed to asbestos fibers. <i>Toxicology Letters</i> , 2017, 270, 1-7.	0.8	5
87	Pancreatic Cancer is Associated with Peripheral Leukocyte Oxidative DNA Damage. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 1349-1355.	1.2	5
88	Exocyclic DNA adducts in sheep with skeletal fluorosis resident in the proximity of the Portoscuso-Portovesme industrial estate on Sardinia Island, Italy. <i>Toxicology Research</i> , 2015, 4, 986-993.	2.1	4
89	Ligation-Mediated Polymerase Chain Reaction Detection of 8-Oxo-7,8-Dihydro-2- $\beta$ -Deoxyguanosine and 5-Hydroxycytosine at the Codon 176 of the p53 Gene of Hepatitis C-Associated Hepatocellular Carcinoma Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6753.	4.1	4
90	Cruciferous Vegetable Intake and Bulky DNA Damage within Non-Smokers and Former Smokers in the Gen-Air Study (EPIC Cohort). <i>Nutrients</i> , 2022, 14, 2477.	4.1	3

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91	Chromatographic Detection of 8-Hydroxy-2-Deoxyguanosine in Leukocytes of Asbestos Exposed Workers for Assessing Past and Recent Carcinogen Exposures. <i>Diagnostics</i> , 2020, 10, 239.	2.6	0
92	Exocyclic DNA Adducts in a Murine Model of Non-alcoholic Steatohepatitis. <i>Journal of Carcinogenesis &amp; Mutagenesis</i> , 2014, s3, .	0.3	0