Sofia Pavanello

List of Publications by Year in descending order

94 papers	3,129 citations	172457 29 h-index	168389 53 g-index
101 all docs	101 docs citations	101 times ranked	5901 citing authors

#	Article	IF	Citations
1	The applications of DNA methylation as a biomarker in kidney transplantation: a systematic review. Clinical Epigenetics, 2022, 14, 20.	4.1	4
2	DNA Methylation - and Telomere - Based Biological Age Estimation as Markers of Biological Aging in Donors Kidneys. Frontiers in Medicine, 2022, 9, 832411.	2.6	7
3	DNA Methylation-Based Age Prediction and Telomere Length Reveal an Accelerated Aging in Induced Sputum Cells Compared to Blood Leukocytes: A Pilot Study in COPD Patients. Frontiers in Medicine, 2021, 8, 690312.	2.6	5
4	Longer Leukocytes Telomere Length Predicts a Significant Survival Advantage in the Elderly TRELONG Cohort, with Short Physical Performance Battery Score and Years of Education as Main Determinants for Telomere Elongation. Journal of Clinical Medicine, 2021, 10, 3700.	2.4	10
5	Transient Receptor Potential Vanilloid Subtype 1: Potential Role in Infection, Susceptibility, Symptoms and Treatment of COVID-19. Frontiers in Medicine, 2021, 8, 753819.	2.6	8
6	A rejuvenation effect of the antifibrotic therapy correlates with lung function improvement in IPF patients. , 2021, , .		0
7	The Italian National Surveillance System for Occupational Injuries: Conceptual Framework and Fatal Outcomes, 2002â€“2016. International Journal of Environmental Research and Public Health, 2020, 17, 7631.	2.6	12
8	Modulation of TRPV-1 by prostaglandin-E2 and bradykinin changes cough sensitivity and autonomic regulation of cardiac rhythm in healthy subjects. Scientific Reports, 2020, 10, 15163.	3.3	6
9	The effects of everyday-life exposure to polycyclic aromatic hydrocarbons on biological age indicators. Environmental Health, 2020, 19, 128.	4.0	24
10	Urinary Mercapturic Acids to Assess Exposure to Benzene and Other Volatile Organic Compounds in Coke Oven Workers. International Journal of Environmental Research and Public Health, 2020, 17, 1801.	2.6	5
11	The biological age of the heart is consistently younger than chronological age. Scientific Reports, 2020, 10, 10752.	3.3	23
12	Multiple single nucleotide polymorphisms of the transient receptor potential vanilloid 1 (TRPV1) genes associate with cough sensitivity to capsaicin in healthy subjects. Pulmonary Pharmacology and Therapeutics, 2020, 61, 101889.	2.6	9
13	Modulation of transient receptor potential vanilloid-1 (TRPV1) by inhaled prostaglandin-E2 (PGE2) and bradykinin (BK) is associated with increased cough sensitivity to capsaicin (CPS) and autonomic dysregulation of cardiac rhythm in healthy subjects. , 2020, , .		0
14	Exploring Epigenetic Age in Response to Intensive Relaxing Training: A Pilot Study to Slow Down Biological Age. International Journal of Environmental Research and Public Health, 2019, 16, 3074.	2.6	30
15	Association between a urinary biomarker for exposure to PAH and blood level of the acute phase protein serum amyloid A in coke oven workers. Environmental Health, 2019, 18, 81.	4.0	15
16	Higher Number of Night Shifts Associates with Good Perception of Work Capacity and Optimal Lung Function but Correlates with Increased Oxidative Damage and Telomere Attrition. BioMed Research International, 2019, 2019, 1-10.	1.9	19
17	Biomonitoring Exposures to Carcinogens. , 2019, , 789-805.		2
18	Association between leukocyte telomere length (LTL) and functional decline in patients with Idiopathic Pulmonary Fibrosis (IPF) on antifibrotic treatment. , 2019, , .		1

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19	Molecular and epigenetic markers as promising tools to quantify the effect of occupational exposures and the risk of developing non-communicable diseases. Medicina Del Lavoro, 2019, 110, 168-190.	0.4	3
20	Yellow fever vaccine 17D administered to healthy women aged between 40 and 54 years halves breast cancer risk: an observational study. European Journal of Cancer Prevention, 2018, 27, 303-309.	1.3	6
21	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. American Journal of Clinical Nutrition, 2018, 108, 453-475.	4.7	137
22	Impact of Occupational Exposures and Genetic Polymorphisms on Recurrence and Progression of Non-Muscle-Invasive Bladder Cancer. International Journal of Environmental Research and Public Health, 2018, 15, 1563.	2.6	5
23	Sterol 27-Hydroxylase Polymorphism Significantly Associates With Shorter Telomere, Higher Cardiovascular and Type-2 Diabetes Risk in Obese Subjects. Frontiers in Endocrinology, 2018, 9, 309.	3.5	14
24	Relationship between Telomere Length, Genetic Traits and Environmental/Occupational Exposures in Bladder Cancer Risk by Structural Equation Modelling. International Journal of Environmental Research and Public Health, 2018, 15, 5.	2.6	18
25	Leucocytes telomere length and breast cancer risk/ susceptibility: A case-control study. PLoS ONE, 2018, 13, e0197522.	2.5	8
26	Inflammatory Long Pentraxin 3 is Associated with Leukocyte Telomere Length in Night-Shift Workers. Frontiers in Immunology, 2017, 8, 516.	4.8	39
27	An etiologic prediction model incorporating biomarkers to predict the bladder cancer risk associated with occupational exposure to aromatic amines: a pilot study. Journal of Occupational Medicine and Toxicology, 2017, 12, 23.	2.2	11
28	Extracellular vesicle-driven information mediates the long-term effects of particulate matter exposure on coagulation and inflammation pathways. Toxicology Letters, 2016, 259, 143-150.	0.8	39
29	P129â€...Role of telomere length within the complex relationship between genetic traits and environmental/occupational exposures in bladder cancer risk. , 2016, , .		0
30	Identification of a novel susceptibility locus at 13q34 and refinement of the 20p12.2 region as a multi-signal locus associated with bladder cancer risk in individuals of European ancestry. Human Molecular Genetics, 2016, 25, 1203-1214.	2.9	38
31	Predictors of response to pirfenidone treatment in patients with idiopathic pulmonary fibrosis (IPF). , 2016, , .		0
32	Analysis of Heritability and Shared Heritability Based on Genome-Wide Association Studies for Thirteen Cancer Types. Journal of the National Cancer Institute, 2015, 107, djv279.	6.3	152
33	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	2.8	239
34	Causes of genome instability: the effect of low dose chemical exposures in modern society. Carcinogenesis, 2015, 36, S61-S88.	2.8	149
35	Genomic instability: Crossing pathways at the origin of structural and numerical chromosome changes. Environmental and Molecular Mutagenesis, 2015, 56, 563-580.	2.2	29
36	Micronuclei and chromosome aberrations in subjects occupationally exposed to antineoplastic drugs: a multicentric approach. International Archives of Occupational and Environmental Health, 2015, 88, 683-695.	2.3	37

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37	Breast Cancer Association with CYP1A2 Activity and Gene Polymorphisms - a Preliminary Case-control Study in Tunisia. Asian Pacific Journal of Cancer Prevention, 2015, 16, 3559-3563.	1.2	8
38	Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. Human Molecular Genetics, 2014, 23, 6616-6633.	2.9	90
39	Genome-wide interaction study of smoking and bladder cancer risk. Carcinogenesis, 2014, 35, 1737-1744.	2.8	50
40	Genome-wide association study identifies multiple loci associated with bladder cancer risk. Human Molecular Genetics, 2014, 23, 1387-1398.	2.9	137
41	The 19q12 Bladder Cancer GWAS Signal: Association with Cyclin E Function and Aggressive Disease. Cancer Research, 2014, 74, 5808-5818.	0.9	24
42	Biomonitoring exposures to carcinogens. , 2014, , 785-798.		3
43	Urinary carcinogenic 4â€“6 ring polycyclic aromatic hydrocarbons in coke oven workers and in subjects belonging to the general population: Role of occupational and environmental exposure. International Journal of Hygiene and Environmental Health, 2014, 217, 231-238.	4.3	30
44	Complex Relationships between Occupation, Environment, DNA Adducts, Genetic Polymorphisms and Bladder Cancer in a Case-Control Study Using a Structural Equation Modeling. PLoS ONE, 2014, 9, e94566.	2.5	18
45	Internal exposure to carcinogenic polycyclic aromatic hydrocarbons and DNA damage. Archives of Toxicology, 2013, 87, 551-553.	4.2	2
46	Role of CYP1A2 polymorphisms in breast cancer risk in women. Molecular Medicine Reports, 2013, 7, 280-286.	2.4	28
47	Mitochondrial DNA Copy Number and Exposure to Polycyclic Aromatic Hydrocarbons. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 1722-1729.	2.5	75
48	Role of CYP1A2 polymorphisms on lung cancer risk in a prospective study. Cancer Genetics, 2012, 205, 278-284.	0.4	36
49	Biological monitoring of carcinogens: current status and perspectives. Archives of Toxicology, 2012, 86, 535-541.	4.2	12
50	Alcohol drinking, mean corpuscular volume of erythrocytes, and alcohol metabolic genotypes in drunk drivers. Alcohol, 2012, 46, 61-68.	1.7	12
51	A study protocol for the evaluation of occupational mutagenic/carcinogenic risks in subjects exposed to antineoplastic drugs: a multicentric project. BMC Public Health, 2011, 11, 195.	2.9	22
52	Shortened telomeres in individuals with abuse in alcohol consumption. International Journal of Cancer, 2011, 129, 983-992.	5.1	139
53	DNA METHYLATION IN BLOOD LYMPHOCYTES AND RISK OF LUNG CANCER. ISEE Conference Abstracts, 2011, 2011, .	0.0	0
54	CYP1A2 polymorphisms, occupational and environmental exposures and risk of bladder cancer. European Journal of Epidemiology, 2010, 25, 491-500.	5.7	48

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55	Urinary profiles to assess polycyclic aromatic hydrocarbons exposure in coke-oven workers. Toxicology Letters, 2010, 192, 72-78.	0.8	64
56	Shorter telomere length in peripheral blood lymphocytes of workers exposed to polycyclic aromatic hydrocarbons. Carcinogenesis, 2010, 31, 216-221.	2.8	132
57	Abstract LB-397: Shortened telomeres in subjects with heavy alcohol consumption. , 2010, , .		0
58	Global and geneâ€specific promoter methylation changes are related to antiâ€B[a]PDEâ€DNA adduct levels and influence micronuclei levels in polycyclic aromatic hydrocarbonâ€exposed individuals. International Journal of Cancer, 2009, 125, 1692-1697.	5.1	136
59	Urinary polycyclic aromatic hydrocarbons and monohydroxy metabolites as biomarkers of exposure in coke oven workers. Occupational and Environmental Medicine, 2009, 66, 509-516.	2.8	47
60	CYP1A2 genetic polymorphisms and adenocarcinoma lung cancer risk in the Tunisian population. Life Sciences, 2009, 84, 779-784.	4.3	34
61	Influence of GSTM1 null and low repair XPC PAT+ on anti-B[a]PDE-DNA adduct in mononuclear white blood cells of subjects low exposed to PAHs through smoking and diet. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 638, 195-204.	1.0	18
62	How to prevent immunological reactions in leprosy patients and interrupt transmission of Mycobacterium leprae to healthy subjects: Two hypotheses. Medical Hypotheses, 2008, 71, 551-563.	1.5	5
63	Micronuclei Related to Anti-B[a]PDE-DNA Adduct in Peripheral Blood Lymphocytes of Heavily Polycyclic Aromatic Hydrocarbon-Exposed Nonsmoking Coke-Oven Workers and Controls. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 2795-2799.	2.5	35
64	Interaction between CYP1A2-T2467DELT polymorphism and smoking in adenocarcinoma and squamous cell carcinoma of the lung. Lung Cancer, 2007, 57, 266-272.	2.0	28
65	Mutagenic activity of overnight urine from healthy non-smoking subjects. Environmental and Molecular Mutagenesis, 2007, 48, 143-150.	2.2	9
66	Determinants of anti-benzo[a]pyrene diol epoxideâ€“DNA adduct formation in lymphomonocytes of the general population. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 611, 54-63.	1.7	36
67	Influence of the genetic polymorphism in the 5â€²-noncoding region of the CYP1A2 gene on CYP1A2 phenotype and urinary mutagenicity in smokers. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 587, 59-66.	1.7	57
68	Reduced nucleotide excision repair and GSTM1-null genotypes influence anti-B[a]PDE-DNA adduct levels in mononuclear white blood cells of highly PAH-exposed coke oven workers. Carcinogenesis, 2004, 26, 169-175.	2.8	71
69	GSTM1 null genotype as a risk factor for anti-BPDE-DNA adduct formation in mononuclear white blood cells of coke-oven workers. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 558, 53-62.	1.7	23
70	Non-smoking coke oven workers show an occupational PAH exposure-related increase in urinary mutagens. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 562, 103-110.	1.7	22
71	Exposure to diesel exhaust enhances total IgE in non-atopic dockers. International Archives of Occupational and Environmental Health, 2003, 76, 63-68.	2.3	17
72	Metabolic and DNA Repair Variations in Susceptibility to Genotoxins. Polycyclic Aromatic Compounds, 2003, 23, 49-107.	2.6	3

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73	Lung cancer risk in workers exposed to poly(vinyl chloride) dust: a nested case-referent study. Occupational and Environmental Medicine, 2003, 60, 423-428.	2.8	50
74	Polyaromatic Hydrocarbons Administered in Humans by Dermal Route Increase Total IgE. International Journal of Immunopathology and Pharmacology, 2003, 16, 145-150.	2.1	18
75	Influence of CYP1A2 and NAT2 Metabolic Phenotypes on Smokers' Urinary Mutagenicity. Polycyclic Aromatic Compounds, 2002, 22, 981-990.	2.6	2
76	Tobacco-smoke exposure indicators and urinary mutagenicity. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 521, 1-9.	1.7	17
77	Role of metabolic polymorphisms NAT2 and CYP1A2 on urinary mutagenicity after a pan-fried hamburger meal. Food and Chemical Toxicology, 2002, 40, 1139-1144.	3.6	19
78	Exposure levels and cytochrome P450 1A2 activity, but not N-acetyltransferase, glutathione S-transferase (GST) M1 and T1, influence urinary mutagen excretion in smokers. Cancer Epidemiology Biomarkers and Prevention, 2002, 11, 998-1003.	2.5	10
79	Environmental and biological monitoring of traffic wardens from the city of Rome. Occupational Medicine, 2001, 51, 198-203.	1.4	61
80	Biological indicators of genotoxic risk and metabolic polymorphisms. Mutation Research - Reviews in Mutation Research, 2000, 463, 285-308.	5.5	151
81	HPLC/fluorescence determination of anti-BPDEâ€"DNA adducts in mononuclear white blood cells from PAH-exposed humans. Carcinogenesis, 1999, 20, 431-435.	2.8	59
82	Influence of GSTM1 genotypes on anti -BPDE-DNA adduct levels in mononuclear white blood cells of humans exposed to PAH. International Archives of Occupational and Environmental Health, 1999, 72, 238-246.	2.3	21
83	Influence of metabolic genotype GSTM1 on levels of urinary mutagens in patients treated topically with coal tar. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 440, 27-33.	1.7	19
84	Determination of Anti-Bpde-DNA Adducts in Pah-Exposed Humans using the HPLC/Fluorescence Technique. Polycyclic Aromatic Compounds, 1999, 17, 73-83.	2.6	2
85	Urinary mutagenicity on TA98 and YG1024 Salmonella typhimurium strains after a hamburger meal: influence of GSTM1 and NAT2 genotypes. Mutagenesis, 1998, 13, 187-191.	2.6	17
86	Relationship between benzo(a)pyrene-DNA adducts and somatic mutation and recombination indrosophila melanogaster. Environmental and Molecular Mutagenesis, 1994, 23, 171-178.	2.2	4
87	Cytotoxic and mutagenic effects of anti- and syn-benzo[a]pyrene diol epoxide in human lymphocytes. Toxicology in Vitro, 1994, 8, 1269-1275.	2.4	5
88	DNA repair in human lymphocytes treated in vitro with (Â±)-anti- and (Â±)-syn-benzol[a]pyrene diolepoxide. Mutation Research DNA Repair, 1993, 294, 117-126.	3.7	28
89	Coal tar therapy does not influence in vitro benzo[a]pyrene metabolism and DNA adduct formation in peripheral blood lymphocytes of psoriatic patients. Carcinogenesis, 1992, 13, 1569-1573.	2.8	6
90	Metabolic consequences of adenine-phosphoribosyl transferase deficiency in V79 hamster fibroblasts. Experimental Cell Research, 1992, 203, 336-343.	2.6	2

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91	Detection of benzo[a]pyrene-diol-epoxide-DNA adducts in white blood cells of psoriatic patients treated with coal tar. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 281, 11-16.	1.1	29
92	BaP Metabolism and DNA-adduct Formation in Cultured Human Lymphocytes TreatedIn Vitrowith BaP and (-)-BaP-7,8-dihydrodiol. ATLA Alternatives To Laboratory Animals, 1992, 20, 126-137.	1.0	8
93	Evidence for substantial formation of r-7, t-8-dihydroxy-c-9,10-oxy-7,8,9,10-tetrahydrobenzo[a]pyrene-deoxyguanosine in human lymphocytes treated in vitro with benzo[a]pyrene. Carcinogenesis, 1989, 10, 945-947.	2.8	16
94	The Italian National Surveillance System for Occupational Injuries: Conceptual Framework and Fatal Outcomes, 2002-2016. SSRN Electronic Journal, 0, , .	0.4	0