Silvio De Flora

List of Publications by Year
in descending order

118 papers	5,969 citations	71102 41 h-index	76900 74 g-index
121 all docs	121 docs citations	121 times ranked	6354 citing authors

#	Article	IF	Citations
1	Growth and decline of the COVIDâ€19 epidemic wave in Italy from March to June 2020. Journal of Medical Virology, 2021, 93, 1613-1619.	5.0	7
2	Clastogenic effects of cigarette smoke and urethane and their modulation by olive oil, curcumin and carotenoids in adult mice and foetuses. Food and Chemical Toxicology, 2021, 155, 112383.	3.6	3
3	Modulation of smoke-induced DNA and microRNA alterations in mouse lung by licofelone, a triple COX-1, COX-2 and 5-LOX inhibitor. Carcinogenesis, 2020, 41, 91-99.	2.8	6
4	Rationale for the use of N â€acetylcysteine in both prevention and adjuvant therapy of COVIDâ€19. FASEB Journal, 2020, 34, 13185-13193.	0.5	144
5	Inhalation exposure to cigarette smoke and inflammatory agents induces epigenetic changes in the lung. Scientific Reports, 2020, 10, 11290.	3.3	19
6	Epidemiological trends of COVIDâ€19 epidemic in Italy overÂMarch 2020: From 1000 to 100â€‰000 cases. Journal of Medical Virology, 2020, 92, 1956-1961.	5.0	47
7	Carcinogenic response and other histopathological alterations in mice exposed to cigarette smoke for varying time periods after birth. Carcinogenesis, 2018, 39, 580-587.	2.8	5
8	Aspirin abrogates impairment of mammary gland differentiation induced by early in life second-hand smoke in mice. Carcinogenesis, 2018, 39, 1037-1044.	2.8	2
9	Release of MicroRNAs into Body Fluids from Ten Organs of Mice Exposed to Cigarette Smoke. Theranostics, 2018, 8, 2147-2160.	10.0	28
10	Modulation of genomic and epigenetic end-points by celecoxib. Oncotarget, 2018, 9, 33656-33681.	1.8	5
11	Early and late effects of aspirin and naproxen on microRNAs in the lung and blood of mice, either unexposed or exposed to cigarette smoke. Oncotarget, 2017, 8, 85716-85748.	1.8	12
12	Modulation by Ethanol of Cigarette Smoke Clastogenicity in Cells of Adult Mice and of Transplacentally Exposed Fetuses. PLoS ONE, 2016, 11, e0167239.	2.5	3
13	Reduction of hexavalent chromium by fasted and fed human gastric fluid. II. Ex vivo gastric reduction modeling. Toxicology and Applied Pharmacology, 2016, 306, 120-133.	2.8	16
14	Reduction of hexavalent chromium by fasted and fed human gastric fluid. I. Chemical reduction and mitigation of mutagenicity. Toxicology and Applied Pharmacology, 2016, 306, 113-119.	2.8	21
15	Interactions between ethanol and cigarette smoke in a mouse lung carcinogenesis model. Toxicology, 2016, 373, 54-62.	4.2	7
16	Pharmacological Modulation of Lung Carcinogenesis in Smokers: Preclinical and Clinical Evidence. Trends in Pharmacological Sciences, 2016, 37, 120-142.	8.7	30
17	Selective inhibition by aspirin and naproxen of mainstream cigarette smoke-induced genotoxicity and lung tumors in female mice. Archives of Toxicology, 2016, 90, 1251-1260.	4.2	10
18	Blood and lung microRNAs as biomarkers of pulmonary tumorigenesis in cigarette smoke-exposed mice. Oncotarget, 2016, 7, 84758-84774.	1.8	13

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19	Environmental impact of multi-wall carbon nanotubes in a novel model of exposure: systemic distribution, macrophage accumulation, and amyloid deposition. International Journal of Nanomedicine, 2015, 10, 6133.	6.7	28
20	Exposing native cyprinid (Barbus plebejus) juveniles to river sediments leads to gonadal alterations, genotoxic effects and thyroid disruption. Aquatic Toxicology, 2015, 169, 223-239.	4.0	11
21	Modulation by aspirin and naproxen of nucleotide alterations and tumors in the lung of mice exposed to environmental cigarette smoke since birth. Carcinogenesis, 2015, 36, bgv149.	2.8	13
22	Effect of cigarette smoke on DNA damage, oxidative stress, and morphological alterations in mouse testis and spermatozoa. International Journal of Hygiene and Environmental Health, 2015, 218, 117-122.	4.3	63
23	Modulation by Licofelone and Celecoxib of Experimentally Induced Cancer and Preneoplastic Lesions in Mice Exposed to Cigarette Smoke. Current Cancer Drug Targets, 2015, 15, 188-195.	1.6	17
24	Incidence of infection-associated cancers in Italy and prevention strategies. Epidemiologia E Prevenzione, 2015, 39, 14-20.	1.1	7
25	Age-Related Mortality Trends in Italy from 1901 to 2008. PLoS ONE, 2014, 9, e114027.	2.5	6
26	Assay of lapatinib in murine models of cigarette smoke carcinogenesis. Carcinogenesis, 2014, 35, 2300-2307.	2.8	16
27	Rationale and Approaches to the Prevention of Smoking-Related Diseases: Overview of Recent Studies on Chemoprevention of Smoking-Induced Tumors in Rodent Models. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2014, 32, 105-120.	2.9	11
28	Modulation by metformin of molecular and histopathological alterations in the lung of cigarette smokeâ€exposed mice. Cancer Medicine, 2014, 3, 719-730.	2.8	26
29	Does second-hand smoke affect semen quality?. Archives of Toxicology, 2014, 88, 1187-1188.	4.2	3
30	Genotoxicity and carcinogenicity of the light emitted by artificial illumination systems. Archives of Toxicology, 2013, 87, 403-405.	4.2	4
31	Genotoxic damage in the oral mucosal cells of subjects carrying restorative dental fillings. Archives of Toxicology, 2013, 87, 2247-2248.	4.2	3
32	DNA damage in exfoliated cells and histopathological alterations in the urinary tract of mice exposed to cigarette smoke and treated with chemopreventive agents. Carcinogenesis, 2013, 34, 183-189.	2.8	16
33	Genotoxic damage in the oral mucosa cells of subjects carrying restorative dental fillings. Archives of Toxicology, 2013, 87, 179-187.	4.2	25
34	Chemoprevention of doxorubicin-induced alopecia in mice by dietary administration of l-cystine and vitamin B6. Archives of Dermatological Research, 2013, 305, 25-34.	1.9	11
35	Yearly variations of demographic indices and mortality data in Italy from 1901 to 2008 as related to the caloric intake. International Journal of Hygiene and Environmental Health, 2013, 216, 763-771.	4.3	2
36	Oxidative stress in the lung of mice exposed to cigarette smoke either early in life or in adulthood. Archives of Toxicology, 2013, 87, 915-918.	4.2	29

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37	MicroRNAs as targets for dietary and pharmacological inhibitors of mutagenesis and carcinogenesis. Mutation Research - Reviews in Mutation Research, 2012, 751, 287-303.	5.5	46
38	Smokeâ€induced microRNA and related proteome alterations. Modulation by chemopreventive agents. International Journal of Cancer, 2012, 131, 2763-2773.	5.1	45
39	Inhibition of lung tumor development by berry extracts in mice exposed to cigarette smoke. International Journal of Cancer, 2012, 131, 1991-1997.	5.1	36
40	Differential carcinogenicity of cigarette smoke in mice exposed either transplacentally, early in life or in adulthood. International Journal of Cancer, 2012, 130, 1001-1010.	5.1	29
41	Dose-related cytogenetic damage in pulmonary alveolar macrophages from mice exposed to cigarette smoke early in life. Archives of Toxicology, 2012, 86, 509-516.	4.2	3
42	Genomic Alterations in Non-Cancer Diseases. Qscience Proceedings, 2012, 2012, 52.	0.0	0
43	Interplay between histopathological alterations, cigarette smoke and chemopreventive agents in defining microRNA profiles in mouse lung. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 717, 17-24.	1.0	38
44	Dose-responsiveness and persistence of microRNA expression alterations induced by cigarette smoke in mouse lung. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 717, 9-16.	1.0	96
45	The prevention of infection-associated cancers. Carcinogenesis, 2011, 32, 787-795.	2.8	79
46	Upregulation of Clusterin in Prostate and DNA Damage in Spermatozoa from Bisphenol Aâ€“Treated Rats and Formation of DNA Adducts in Cultured Human Prostatic Cells. Toxicological Sciences, 2011, 122, 45-51.	3.1	61
47	Prevention of cigarette smokeâ€“induced lung tumors in mice by budesonide, phenethyl isothiocyanate, and Nâ€acetylcysteine. International Journal of Cancer, 2010, 126, 1047-1054.	5.1	56
48	Mechanisms Of Inhibition Of Cigarette Smoke Genotoxicity And Carcinogenicity. Nature Precedings, 2010, , .	0.1	0
49	Chemoprevention of Cigarette Smokeâ€“Induced Alterations of MicroRNA Expression in Rat Lungs. Cancer Prevention Research, 2010, 3, 62-72.	1.5	100
50	Relationships of microRNA expression in mouse lung with age and exposure to cigarette smoke and light. FASEB Journal, 2009, 23, 3243-3250.	0.5	155
51	Prenatal N-acetylcysteine prevents cigarette smoke-induced lung cancer in neonatal mice. Carcinogenesis, 2009, 30, 1398-1401.	2.8	34
52	Modulation by Phenethyl Isothiocyanate and Budesonide of Molecular and Histopathologic Alterations Induced by Environmental Cigarette Smoke in Mice. Cancer Prevention Research, 2009, 2, 546-556.	1.5	18
53	Modulation of genomic and postgenomic alterations in noncancer diseases and critical periods of life. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 667, 15-26.	1.0	9
54	Oxidative damage in human epithelial alveolar cells exposed in vitro to oil fly ash transition metals. International Journal of Hygiene and Environmental Health, 2009, 212, 196-208.	4.3	48

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55	Downregulation of microRNA expression in the lungs of rats exposed to cigarette smoke. FASEB Journal, 2009, 23, 806-812.	0.5	399
56	Formation of adducts by bisphenol A, an endocrine disruptor, in DNA in vitro and in liver and mammary tissue of mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 679, 28-32.	1.7	101
57	Preneoplastic and neoplastic lesions in the lung, liver and urinary tract of mice exposed to environmental cigarette smoke and UV light since birth. International Journal of Cancer, 2008, 123, 2497-2502.	5.1	24
58	Exposure of mice to cigarette smoke and/or light causes DNA alterations in heart and aorta. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 644, 38-42.	1.0	25
59	High susceptibility of neonatal mice to molecular, biochemical and cytogenetic alterations induced by environmental cigarette smoke and light. Mutation Research - Reviews in Mutation Research, 2008, 659, 137-146.	5.5	24
60	Lack of genotoxic effects in hematopoietic and gastrointestinal cells of mice receiving chromium(VI) with the drinking water. Mutation Research - Reviews in Mutation Research, 2008, 659, 60-67.	5.5	49
61	Budesonide and Phenethyl Isothiocyanate Attenuate DNA Damage in Bronchoalveolar Lavage Cells of Mice Exposed to Environmental Cigarette Smoke. Current Cancer Drug Targets, 2008, 8, 703-708.	1.6	7
62	Molecular and Cytogenetical Alterations Induced by Environmental Cigarette Smoke in Mice Heterozygous for Fhit. Cancer Research, 2007, 67, 1001-1006.	0.9	16
63	Mutagenesis and cardiovascular diseases. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 621, 5-17.	1.0	66
64	Oral chromium(VI) does not affect the frequency of micronuclei in hematopoietic cells of adult mice and of transplacentally exposed fetuses. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 610, 38-47.	1.7	50
65	Early Loss of Fhit in the Respiratory Tract of Rodents Exposed to Environmental Cigarette Smoke. Cancer Research, 2006, 66, 3936-3941.	0.9	33
66	Induction by 7,12-dimethylbenz(a)anthracene of molecular and biochemical alterations in transformed human mammary epithelial stem cells, and protection by N-acetylcysteine. International Journal of Oncology, 2006, 29, 521-9.	3.3	7
67	Overview of mechanisms of cancer chemopreventive agents. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 591, 8-15.	1.0	201
68	Modulation of multigene expression and proteome profiles by chemopreventive agents. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 591, 212-223.	1.0	38
69	Modulation of apoptosis by cancer chemopreventive agents. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 591, 173-186.	1.0	40
70	Modulation of light-induced skin tumors by N -acetylcysteine and/or ascorbic acid in hairless mice. Carcinogenesis, 2005, 26, 657-664.	2.8	41
71	The epidemiological revolution of the 20th century. FASEB Journal, 2005, 19, 892-897.	0.5	53
72	Chemoprevention of genome, transcriptome, and proteome alterations induced by cigarette smoke in rat lung. European Journal of Cancer, 2005, 41, 1864-1874.	2.8	56

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73	Gene Expression in the Lung of p53 Mutant Mice Exposed to Cigarette Smoke. Cancer Research, 2004, 64, 8566-8572.	0.9	34
74	Alterations of gene expression in skin and lung of mice exposed to light and cigarette smoke. FASEB Journal, 2004, 18, 1559-1561.	0.5	67
75	Interactions betweenN-acetylcysteine and sodium selenite in modulating the clastogenicity of urethane and 2-acetylaminofluorene in mice. International Journal of Cancer, 2004, 108, 158-161.	5.1	4
76	Induction and Modulation of Lung Tumors: Genomic and Transcriptional Alterations in Cigarette Smoke-exposed Mice. Experimental Lung Research, 2004, 31, 19-35.	1.2	16
77	Antigenotoxic and Cancer Preventive Mechanisms of N-Acetyl-l-Cysteine. , 2004, , 37-67.		13
78	Modulation of cigarette smoke-related end-points in mutagenesis and carcinogenesis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 523-524, 237-252.	1.0	52
79	Birth-related genomic and transcriptional changes in mouse lung. Mutation Research - Reviews in Mutation Research, 2003, 544, 441-449.	5.5	49
80	Oxidative deoxyribonucleic acid damage in the eyes of glaucoma patients. American Journal of Medicine, 2003, 114, 638-646.	1.5	278
81	Systemic genotoxic effects produced by light, and synergism with cigarette smoke in the respiratory tract of hairless mice. Carcinogenesis, 2003, 24, 1525-1532.	2.8	38
82	Genomic and transcriptional alterations in mouse fetus liver after transplacental exposure to cigarette smoke. FASEB Journal, 2003, 17, 1127-1129.	0.5	73
83	Molecular alterations and lung tumors in p53 mutant mice exposed to cigarette smoke. Cancer Research, 2003, 63, 793-800.	0.9	53
84	Mutagenicity of sediments along the Po River and genotoxicity biomarkers in fish from polluted areas. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 515, 125-134.	1.7	39
85	Effects of N-acetylcysteine in an esophageal carcinogenesis model in rats treated with diethylnitrosamine and diethyldithiocarbamate. International Journal of Cancer, 2002, 98, 493-497.	5.1	19
86	Formation of DNA adducts in the aorta of smoke-exposed rats, and modulation by chemopreventive agents. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2001, 494, 97-106.	1.7	31
87	Mechanisms of N-acetylcysteine in the prevention of DNA damage and cancer, with special reference to smoking-related end-points. Carcinogenesis, 2001, 22, 999-1013.	2.8	322
88	Multiple points of intervention in the prevention of cancer and other mutation-related diseases. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 480-481, 9-22.	1.0	89
89	Increased DNA alterations in atherosclerotic lesions of individuals lacking the GSTM1 genotype. FASEB Journal, 2001, 15, 752-757.	0.5	80
90	Interactions betweenN-acetylcysteine and ascorbic acid in modulating mutagenesis and carcinogenesis. International Journal of Cancer, 2000, 88, 702-707.	5.1	34

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91	Age-related increases of 8-hydroxy-2â€²-deoxyguanosine and DNAâ€“protein crosslinks in mouse organs. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 446, 215-223.	1.7	100
92	Mechanisms of inhibitors of mutagenesis and carcinogenesis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 402, 151-158.	1.0	194
93	DNA fragmentation, DNA-protein crosslinks, 32P postlabeled nucleotidic modifications, and 8-hydroxy-2â€²-deoxyguanosine in the lung but not in the liver of rats receiving intratracheal instillations of chromium(VI). Chemoprevention by oral N-acetylcysteine. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 400, 233-244.	1.0	49
94	Chemoprevention byN-acetylcysteine of urethane-induced clastogenicity and lung tumors in mice. , 1998, 77, 302-305.		14
95	In vitroInhibition byN-Acetylcysteine of Oxidative DNA Modifications Detected by32P Postlabeling. Free Radical Research, 1998, 28, 165-178.	3.3	26
96	DNA alterations in rat organs after chronic exposure to cigarette smoke and/or ethanol ingestion. FASEB Journal, 1998, 12, 753-758.	0.5	49
97	Modulation of the potency of promutagens and direct acting mutagens in bacteria by inhibitors of the multidrug resistance mechanism. Mutagenesis, 1997, 12, 431-435.	2.6	11
98	Molecular epidemiology of atherosclerosis. FASEB Journal, 1997, 11, 1021-1031.	0.5	145
99	Oltipraz chemoprevention trial in Qidong, Jiangsu Province, People's Republic of China. Journal of Cellular Biochemistry, 1997, 67, 166-173.	2.6	18
100	DNA adducts and chronic degenerative diseases. Pathogenetic relevance and implications in preventive medicine. Mutation Research - Reviews in Genetic Toxicology, 1996, 366, 197-238.	2.9	124
101	Synergism betweenN-acetylcysteine and doxorubicin in the prevention of tumorigenicity and metastasis in murine models. , 1996, 67, 842-848.		51
102	Smokers and urinary genotoxins: Implications for selection of cohorts and modulation of endpoints in chemoprevention trials. Journal of Cellular Biochemistry, 1996, 63, 92-98.	2.6	15
103	Inhibition of invasion, gelatinase activity, tumor take and metastasis of malignant cells byN-acetylcysteine. International Journal of Cancer, 1995, 61, 121-129.	5.1	118
104	Chemopreventive properties and mechanisms ofN-acetylcysteine. The experimental background. Journal of Cellular Biochemistry, 1995, 59, 33-41.	2.6	114
105	Inhibition by N-acetylcysteine of carcinogen-DNA adducts in the tracheal epithelium of rats exposed to cigarette smoke. Carcinogenesis, 1995, 16, 669-672.	2.8	29
106	Structural basis of antimutagenicity of chemicals towards 4-nitroquinoline 1-oxide in Salmonella typhimurium. Mutagenesis, 1994, 9, 39-45.	2.6	29
107	Modulation of diethylnitrosamine carcinogenesis in rat liver and oesophagus. Journal of Cellular Biochemistry, 1994, 56, 449-454.	2.6	11
108	Inhibition of the â€˜spontaneousâ€™ mutagenicity in Salmonella typhimurium TA102 and TA104. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 307, 157-167.	1.0	28

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109	Experimental databases on inhibition of the bacterial mutagenicity of 4-nitroquinoline 1-oxide and cigarette smoke. Mutation Research - Reviews in Genetic Toxicology, 1994, 317, 89-109.	2.9	29
110	N-acetyl-l-cysteine. Journal of Cellular Biochemistry, 1993, 53, 270-277.	2.6	237
111	Assessment of antimutagenicity and anticarcinogenicity. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 267, 153-155.	1.0	29
112	Antioxidant activity and other mechanisms of thiols involved in chemoprevention of mutation and cancer. American Journal of Medicine, 1991, 91, S122-S130.	1.5	97
113	A Bacterial DNA Repair Test Evaluating the Genotoxicity of Light Sources. , 1991, 1, 116-122.		12
114	Development and application of biomarkers exploitable for human exposure monitoring. Teratogenesis, Carcinogenesis, and Mutagenesis, 1990, 10, 211-214.	0.8	9
115	Genotoxicity and metabolism of chromium compoundsâˆ—. Toxicological and Environmental Chemistry, 1989, 19, 153-160.	1.2	15
116	Mechanisms of inhibitors of mutagenesis and carcinogenesis. Classification and overview. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1988, 202, 285-306.	1.0	248
117	Detoxification of Genotoxic Compounds as a Threshold Mechanism Limiting Their Carcinogenicity. Toxicologic Pathology, 1984, 12, 337-343.	1.8	31
118	In vitro effects of N-acetylcysteine on the mutagenicity of direct-acting compounds and procarcinogens. Carcinogenesis, 1984, 5, 505-510.	2.8	90