

Moreno Paolini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3515278/publications.pdf>

Version: 2024-02-01

112
papers

2,583
citations

201385

27
h-index

233125

45
g-index

112
all docs

112
docs citations

112
times ranked

3075
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Antioxidant Activity of Purified Glucoerucin, the Dietary Secondary Metabolite Contained in Rocket (<i>Eruca sativa</i> Mill.) Seeds and Sprouts. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2475-2482.	2.4	193
2	E-cigarettes induce toxicological effects that can raise the cancer risk. <i>Scientific Reports</i> , 2017, 7, 2028.	1.6	130
3	Cytotoxic and Antioxidant Activity of 4-Methylthio-3-butenyl Isothiocyanate from <i>Raphanus sativus</i> L. (Kaiware Daikon) Sprouts. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 875-883.	2.4	129
4	Isolation of 4-Methylthio-3-butenyl Glucosinolate from <i>Raphanus sativus</i> Sprouts (Kaiware Daikon) and Its Redox Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9890-9896.	2.4	104
5	Measurement of oxidative stress by EPR radical-probe technique. <i>Free Radical Biology and Medicine</i> , 2001, 31, 708-716.	1.3	98
6	β -Carotene: a cancer chemopreventive agent or a co-carcinogen?. <i>Mutation Research - Reviews in Mutation Research</i> , 2003, 543, 195-200.	2.4	86
7	Induction of cytochrome P450, generation of oxidative stress and in vitro cell-transforming and DNA-damaging activities by glucoraphanin, the bioprecursor of the chemopreventive agent sulforaphane found in broccoli. <i>Carcinogenesis</i> , 2003, 25, 61-67.	1.3	80
8	The nature of prooxidant activity of vitamin C. <i>Life Sciences</i> , 1999, 64, PL273-PL278.	2.0	68
9	Glucoraphanin, the bioprecursor of the widely extolled chemopreventive agent sulforaphane found in broccoli, induces Phase-I xenobiotic metabolizing enzymes and increases free radical generation in rat liver. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 595, 125-136.	0.4	65
10	Effect of licorice and glycyrrhizin on murine liver CYP-dependent monooxygenases. <i>Life Sciences</i> , 1998, 62, 571-582.	2.0	64
11	Geraniol Pharmacokinetics, Bioavailability and Its Multiple Effects on the Liver Antioxidant and Xenobiotic-Metabolizing Enzymes. <i>Frontiers in Pharmacology</i> , 2018, 9, 18.	1.6	60
12	Single nucleotide polymorphisms of the DNA repair gene XPD/ERCC2 alter mRNA expression. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 897-905.	0.7	57
13	Hydroxyl radical generation, levels of tumor necrosis factor-alpha, and progression to heart failure after acute myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2000-2008.	1.2	46
14	Parkinson's disease, pesticides and individual vulnerability. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 124-129.	4.0	45
15	Long-term dietary administration of valproic acid does not affect, while retinoic acid decreases, the lifespan of G93A mice, a model for amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2009, 39, 548-552.	1.0	45
16	The Chemopreventive Phytochemical Moringin Isolated from <i>Moringa oleifera</i> Seeds Inhibits JAK/STAT Signaling. <i>PLoS ONE</i> , 2016, 11, e0157430.	1.1	42
17	Induction and suppression of cytochrome P450 isoenzymes and generation of oxygen radicals by procymidone in liver, kidney and lung of CD1 mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 527, 67-80.	0.4	38
18	Glucoraphasatin and Glucoraphenin, a Redox Pair of Glucosinolates of Brassicaceae, Differently Affect Metabolizing Enzymes in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5505-5511.	2.4	36

#	ARTICLE	IF	CITATIONS
19	Stability of microsomal monooxygenases in murine liver S9 fractions derived from phenobarbital and β -naphthoflavone induced animals under various long-term conditions of storage. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1994, 14, 13-22.	0.8	30
20	Induction of CYP2B1 mediated pentoxerysoruflin O-dealkylase activity in different species, sex and tissue by prototype 2B1-inducers. <i>Chemico-Biological Interactions</i> , 1995, 95, 127-139.	1.7	30
21	Molecular non-genetic biomarkers related to Fenarimol cocarcinogenesis: organ- and sex-specific CYP induction in rat. <i>Cancer Letters</i> , 1996, 101, 171-178.	3.2	30
22	Bile acid structure and selective modulation of murine hepatic cytochrome P450-linked enzymes. <i>Hepatology</i> , 1999, 30, 730-739.	3.6	30
23	Perturbation of cytochrome P450, generation of oxidative stress and induction of DNA damage in <i>Cyprinus carpio</i> exposed in situ to potable surface water. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 626, 143-154.	0.9	30
24	The Customizable E-cigarette Resistance Influences Toxicological Outcomes: Lung Degeneration, Inflammation, and Oxidative Stress-Induced in a Rat Model. <i>Toxicological Sciences</i> , 2019, 172, 132-145.	1.4	30
25	Ursodeoxycholic acid (UDCA) prevents DCA effects on male mouse liver via up-regulation of CYP and preservation of BSEP activities. <i>Hepatology</i> , 2002, 36, 305-314.	3.6	29
26	Cytochrome P-450 factors determining synthesis in strain D7 <i>Saccharomyces cerevisiae</i> An alternative system to microsomal assay. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983, 121, 117-123.	1.2	28
27	The non-peptidyl low molecular weight radical scavenger IAC protects human pancreatic islets from lipotoxicity. <i>Molecular and Cellular Endocrinology</i> , 2009, 309, 63-66.	1.6	28
28	Impairment of testicular function in electronic cigarette (e-cig, e-cigs) exposed rats under low-voltage and nicotine-free conditions. <i>Life Sciences</i> , 2019, 228, 53-65.	2.0	27
29	Further mechanisms of non-genotoxic carcinogenesis. <i>Trends in Pharmacological Sciences</i> , 1994, 15, 322-323.	4.0	26
30	On the metabolizing systems for short-term genotoxicity assays: a review. <i>Mutation Research - Reviews in Mutation Research</i> , 1997, 387, 17-34.	2.4	26
31	Chemoprevention or Antichemo- prevention? A Salutary Warning From the β -Carotene Experience. <i>Journal of the National Cancer Institute</i> , 2001, 93, 1110-1111.	3.0	26
32	Impact of electronic cigarette heating coil resistance on the production of reactive carbonyls, reactive oxygen species and induction of cytotoxicity in human lung cancer cells in vitro. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 109, 104500.	1.3	26
33	<i>Raphanus sativus</i> cv. Sango Sprout Juice Decreases Diet-Induced Obesity in Sprague Dawley Rats and Ameliorates Related Disorders. <i>PLoS ONE</i> , 2016, 11, e0150913.	1.1	25
34	The pitfall of detoxifying enzymes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 402, 179-183.	0.4	23
35	Non-peptidyl low molecular weight radical scavenger IAC attenuates DSS-induced colitis in rats. <i>World Journal of Gastroenterology</i> , 2010, 16, 3642.	1.4	23
36	A unified theory of enzyme kinetics based upon the systematic analysis of the variations of k_{cat} , K_M , and k_{cat}/K_M and the relevant $\ln k_{cat}/K_M$ values—possible implications in chemotherapy and biotechnology. <i>Biochemical Pharmacology</i> , 2001, 61, 1049-1055.	2.0	22

#	ARTICLE	IF	CITATIONS
37	Do cytochromes P-448 and P-450 have different functions?. <i>Biochemical Pharmacology</i> , 1989, 38, 2223-2225.	2.0	21
38	Captan impairs CYP-catalyzed drug metabolism in the mouse. <i>Chemico-Biological Interactions</i> , 1999, 123, 149-170.	1.7	21
39	NADPH-generating system: Influence on microsomal mono-oxygenase stability during incubation for the liver-microsomal assay with rat and mouse S9 fractions. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1984, 129, 291-297.	0.4	20
40	Healthy broccoli?. <i>Nature</i> , 1992, 357, 448-448.	13.7	20
41	Development of basal and induced testosterone hydroxylase activity in the chicken embryo in ovo. <i>British Journal of Pharmacology</i> , 1997, 122, 344-350.	2.7	20
42	Modulation of cytochrome P450 and induction of DNA damage in <i>Cyprinus carpio</i> exposed in situ to surface water treated with chlorine or alternative disinfectants in different seasons. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 729, 81-89.	0.4	20
43	Co-carcinogenic effects of vitamin E in prostate. <i>Scientific Reports</i> , 2019, 9, 11636.	1.6	20
44	Pitfalls of enzyme-based molecular anticancer dietary manipulations: food for thought. <i>Mutation Research - Reviews in Mutation Research</i> , 2003, 543, 181-189.	2.4	19
45	Perturbation of xenobiotic metabolism in <i>Dreissena polymorpha</i> model exposed in situ to surface water (Lake Trasimene) purified with various disinfectants. <i>Chemosphere</i> , 2016, 144, 548-554.	4.2	19
46	Biomarkers of effect in evaluating metalaxyl cocarcinogenesis selective induction of murine CYP 3A isoform. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1996, 361, 157-164.	0.4	18
47	Isolation of a novel metabolizing system enriched in phase-II enzymes for short-term genotoxicity bioassays. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 413, 205-217.	0.9	18
48	Taking EPR "Snapshots" of the Oxidative Stress Status in Human Blood. <i>Free Radical Research</i> , 2003, 37, 503-508.	1.5	18
49	Reduction of Oxidative Stress by a New Low-Molecular-Weight Antioxidant Improves Metabolic Alterations in a Nonobese Mouse Diabetes Model. <i>Pancreas</i> , 2007, 35, e10-e17.	0.5	18
50	Is clonal adaptation a product of evolution over the millennia?. <i>Biochemical Pharmacology</i> , 1991, 42, 457-458.	2.0	17
51	The effect of electronic-cigarettes aerosol on rat brain lipid profile. <i>Biochimie</i> , 2018, 153, 99-108.	1.3	17
52	Development of microparticles for oral administration of the non-conventional radical scavenger IAC and testing in an inflammatory rat model. <i>International Journal of Pharmaceutics</i> , 2016, 512, 126-136.	2.6	16
53	The novel radical scavenger IAC is effective in preventing and protecting against post-ischemic brain damage in Mongolian gerbils. <i>Journal of the Neurological Sciences</i> , 2010, 290, 90-95.	0.3	15
54	Black cabbage seed extract affects rat Cyp-mediated biotransformation: Organ and sex related differences. <i>Food and Chemical Toxicology</i> , 2012, 50, 2612-2621.	1.8	15

#	ARTICLE	IF	CITATIONS
55	Effect of sprout extract from Tuscan black cabbage on xenobiotic-metabolizing and antioxidant enzymes in rat liver. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 751, 45-51.	0.9	15
56	Redox-Based Flagging of the Global Network of Oxidative Stress Greatly Promotes Longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 936-943.	1.7	15
57	Mechanism of clastogenic and co-clastogenic activity of cremophore with benzene hi mice. <i>Carcinogenesis</i> , 1991, 12, 53-57.	1.3	14
58	Antioxidant vitamins for prevention of cardiovascular disease. <i>Lancet, The</i> , 2003, 362, 920.	6.3	14
59	Comparison between in toto peach (<i>Prunus persica</i> L. Batsch) supplementation and its polyphenolic extract on rat liver xenobiotic metabolizing enzymes. <i>Food and Chemical Toxicology</i> , 2016, 97, 385-394.	1.8	14
60	Disruption of redox homeostasis and carcinogen metabolizing enzymes changes by administration of vitamin E to rats. <i>Life Sciences</i> , 2016, 145, 166-173.	2.0	14
61	On the toxicity of e-cigarettes consumption: Focus on pathological cellular mechanisms. <i>Pharmacological Research</i> , 2022, 182, 106315.	3.1	14
62	Beneficial Effect of the Nonpeptidyl Low Molecular Weight Radical Scavenger IAC on Cultured Human Islet Function. <i>Cell Transplantation</i> , 2008, 17, 1271-1276.	1.2	13
63	Effects of the non-peptidyl low molecular weight radical scavenger IAC in DNBS-induced colitis in rats. <i>European Journal of Pharmacology</i> , 2009, 614, 137-145.	1.7	13
64	Unburned Tobacco Cigarette Smoke Alters Rat Ultrastructural Lung Airways and DNA. <i>Nicotine and Tobacco Research</i> , 2021, 23, 2127-2134.	1.4	13
65	Effects of N-acetylcysteine on human ovarian tissue preservation undergoing cryopreservation procedure. <i>Histology and Histopathology</i> , 2015, 30, 725-35.	0.5	13
66	Comparative genetic activity of cis- and trans-1,2-dichloroethylene in yeast. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1984, 4, 365-375.	0.8	12
67	Cruciferous vegetables and lung cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2007, 635, 146-148.	2.4	12
68	The Modulating Activity of Interferon on Benzo(a)pyrene Bioactivation and Clastogenesis in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1994, 74, 249-254.	0.0	11
69	Testosterone hydroxylase as multibiomarker of effect in evaluating vinclozolin cocarcinogenesis. <i>Biomarkers</i> , 1998, 3, 191-203.	0.9	11
70	Re: Dioxin Increases Reactive Oxygen Production in Mouse Liver Mitochondria (<i>Toxicol. Appl. Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 142</i>)	1.3	11
71	Avoidance of bioflavonoid supplements during pregnancy: a pathway to infant leukemia?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 527, 99-101.	0.4	11
72	Acetylator genotype and Parkinson's disease. <i>Lancet, The</i> , 1998, 351, 141.	6.3	10

#	ARTICLE	IF	CITATIONS
73	In vitro induction of benzo(a)pyrene cell-transforming activity by the glucosinolate gluconasturtiin found in cruciferous vegetables. <i>Cancer Letters</i> , 2002, 184, 65-71.	3.2	10
74	Harmful effects behind the daily supplementation of a fixed vegetarian blend in the rat model. <i>Food and Chemical Toxicology</i> , 2016, 97, 367-374.	1.8	10
75	On Enzyme-Based Anticancer Molecular Dietary Manipulations. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-7.	3.0	9
76	Pharmacokinetics of ursodeoxycholic acid in rat. <i>Pharmacological Research</i> , 1991, 23, 327-335.	3.1	8
77	Brussels Sprouts: An Exceptionally Rich Source of Ambiguity for Anticancer Strategies. <i>Toxicology and Applied Pharmacology</i> , 1998, 152, 293-294.	1.3	8
78	Anti-diabetic properties of a non-conventional radical scavenger, as compared to pioglitazone and exendin-4, in streptozotocin-nicotinamide diabetic mice. <i>European Journal of Pharmacology</i> , 2014, 729, 37-44.	1.7	8
79	The combined effect of Sango sprout juice and caloric restriction on metabolic disorders and gut microbiota composition in an obesity model. <i>International Journal of Food Sciences and Nutrition</i> , 2018, 69, 192-204.	1.3	8
80	Induction and suppression of murine CYP-mediated biotransformation by dithianon: organ- and sex-related differences. <i>Cancer Letters</i> , 1999, 141, 47-56.	3.2	6
81	A linearization method for low catalytic activity enzyme kinetic analysis. <i>Biophysical Chemistry</i> , 2005, 114, 245-251.	1.5	6
82	The Radical Scavenger IAC (bis(1-hydroxy-2,2,6,6-tetramethyl-4-piperidinyl) decantonate) Decreases Mortality, Enhances Cognitive Functions in Water Maze and Reduces Amyloid Plaque Burden in hA β 2PP Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 499-510.	1.2	6
83	Oxidative stress and aging: a non-invasive EPR investigation in human volunteers. <i>Aging Clinical and Experimental Research</i> , 2015, 27, 235-238.	1.4	6
84	Dietary effects of <i>Raphanus sativus</i> cv Sango on lipid and oxysterols accumulation in rat brain: A lipidomic study on a non-genetic obesity model. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 206-213.	1.5	6
85	Glutathione transferase polymorphism and Parkinson's disease. <i>Lancet, The</i> , 1999, 353, 71.	6.3	5
86	Neuroprotective properties of the non-peptidyl radical scavenger IAC in rats following transient focal cerebral ischemia. <i>Brain Research</i> , 2008, 1207, 174-181.	1.1	5
87	Erythrocytes-mediated metabolic activation of cyclophosphamide in yeast mutagenicity test. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1985, 5, 223-230.	0.8	4
88	The many consequences of chemical- and genetic-based modulation of drug metabolizing enzyme activities. <i>Life Sciences</i> , 1999, 65, PL75-PL79.	2.0	4
89	The pressing need for combined genotype-phenotype analysis in clinical practice. <i>Trends in Pharmacological Sciences</i> , 2002, 23, 260-261.	4.0	4
90	Studies of genetic effects in the D7 strain of <i>Saccharomyces cerevisiae</i> under different conditions of pH. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1984, 139, 189-192.	1.2	3

#	ARTICLE	IF	CITATIONS
91	Genetic activity of 2-aminofluorene in the Salmonella/erythrocyte mutagenicity assay. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1986, 174, 169-173.	1.2	3
92	On the usefulness of drug metabolising enzyme modulation for anti-cancer strategies. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 405, 113-114.	0.4	3
93	Effects of chlorinated drinking water on the xenobiotic metabolism in Cyprinus carpio treated with samples from two Italian municipal networks. Environmental Science and Pollution Research, 2016, 23, 18777-18788.	2.7	3
94	Aspartame, a bittersweet pill. Carcinogenesis, 2017, 38, bgw025.	1.3	3
95	Writing enzyme units in the correct way. Nature, 1986, 321, 568-569.	13.7	2
96	On the procedures for isolation of S9 fractions from induced rodents in in vitro genotoxicity assays. Teratogenesis, Carcinogenesis, and Mutagenesis, 1994, 14, 101-103.	0.8	2
97	Letter to the Editor. Mutagenesis, 1996, 11, 305-305.	1.0	2
98	Enzyme evolution and cancer: Hypothesis why natural carcinogens are more potent than synthetic ones. Life Sciences, 1998, 63, 2141-2146.	2.0	2
99	Plasma ascorbic acid in heart disease. Lancet, The, 2001, 358, 71-72.	6.3	2
100	The sympathy of policy-makers towards animal-rights activists, and the future of biomedical research. Regulatory Toxicology and Pharmacology, 2014, 70, 577-578.	1.3	2
101	The hypolipidemic, anti-inflammatory and antioxidant effect of KavoL [®] aqueous extract, a mixture of Brassica oleracea leaves, in a rat model of NAFLD. Food and Chemical Toxicology, 2022, 167, 113261.	1.8	2
102	The efficient preparation of corn oil solutions. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1988, 206, 127-128.	1.2	1
103	Dietary effect on blood pressure. Lancet, The, 2002, 360, 1786.	6.3	1
104	Green tea and its isolated constituents in cancer prevention. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 578, 434-435.	0.4	1
105	High-dose vitamin A. Lancet, The, 2007, 370, 740.	6.3	1
106	Strategies for optimization of short-term tests for genotoxicity. Pharmacological Research, 1989, 21, 463-464.	3.1	0
107	On the cancer chemoprevention potential of dietary bioflavonoids. Mutagenesis, 1998, 13, 535-536.	1.0	0
108	Correctly Expressing Atomic Weights. Journal of Chemical Education, 2000, 77, 1438.	1.1	0

#	ARTICLE	IF	CITATIONS
109	Re: Ethylbenzene Induces Microsomal Oxygen Free Radical Generation: Antibody-Directed Characterization of the Responsible Cytochrome P450 Enzymes (Toxicol. Appl. Pharmacol.164, 305â€“311,) Tj ETQp1 1 0.784314 rg8T	1.1	0
110	MEASUREMENT OF OXIDATIVE STRESS BY EPR RADICAL-PROBE TECHNIQUE. , 2001, , 274-282.		0
111	Correctly Expressing Atomic Weights. Journal of Chemical Education, 2002, 79, 163.	1.1	0
112	Animal rights activists: Misconceived proposals. Regulatory Toxicology and Pharmacology, 2015, 71, 624.	1.3	0