

N-nitroso compounds and man

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Haemoglobin adducts from aromatic amines and tobacco specific nitrosamines in pregnant smoking and non smoking women. <i>Biomarkers</i> , 1998, 3, 35-47.	0.9	40
2	Biochemistry, Biology, and Carcinogenicity of Tobacco-Specific N-Nitrosamines. <i>Chemical Research in Toxicology</i> , 1998, 11, 559-603.	1.7	988
3	Diet and Biotransformation of Carcinogenic Compounds in the Gut by Enzymes of Microflora and of Intestinal Cells. , 1999, , 245-255.		3
4	Colonic Microbiota, Nutrition and Health. , 1999, , .		48
5	Risk of stomach cancer in relation to consumption of cigarettes, alcohol, tea and coffee in Warsaw, Poland. , 1999, 81, 871-876.		90
6	Biomonitoring of n-nitroso compounds, nitrite and nitrate in the urine of Egyptian bladder cancer patients with or without <i>Schistosoma haematobium</i> infection. , 1999, 82, 789-794.		32
7	N-Nitroso compounds in the diet. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999, 443, 129-138.	0.9	386
8	Nitrosamines derived from nicotine and other tobacco alkaloids. , 1999, , 421-488.		9
9	Human bladder cancer, schistosomiasis, N-nitroso compounds and their precursors. <i>International Journal of Cancer</i> , 2000, 88, 682-683.	2.3	10
10	Drug-Metabolizing Enzymes Mechanisms and Functions. <i>Current Drug Metabolism</i> , 2000, 1, 107-132.	0.7	206
11	Lifestyle and Anthropometric Risk Factors for Prostate Cancer in a Cohort of Iowa Men. <i>Annals of Epidemiology</i> , 2000, 10, 361-369.	0.9	183
12	Potential Nitrite Scavengers as Inhibitors of the Formation of N-Nitrosamines in Solution and Tobacco Matrix Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 4381-4388.	2.4	37
13	Determination of Total N-Nitroso Compounds and Their Precursors in Frankfurters, Fresh Meat, Dried Salted Fish, Sauces, Tobacco, and Tobacco Smoke Particulates. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 6068-6078.	2.4	72
14	Prospective study of tooth loss and incident esophageal and gastric cancers in China. <i>Cancer Causes and Control</i> , 2001, 12, 847-854.	0.8	185
15	Nitrate Exposure and Endogenous Formation of Carcinogenic Nitrosamines in Humans. <i>Reviews on Environmental Health</i> , 2001, 16, 105-16.	1.1	21
16	Dose-dependent effect of dietary meat on endogenous colonic N-nitrosation. <i>Carcinogenesis</i> , 2001, 22, 199-202.	1.3	199
17	Human urinary carcinogen metabolites: biomarkers for investigating tobacco and cancer. <i>Carcinogenesis</i> , 2002, 23, 907-922.	1.3	359
18	Ethylation and methylation of hemoglobin in smokers and non-smokers. <i>Carcinogenesis</i> , 2002, 23, 1903-1910.	1.3	42

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19	Effect of White Versus Red Meat on Endogenous N-Nitrosation in the Human Colon and Further Evidence of a Dose Response. <i>Journal of Nutrition</i> , 2002, 132, 3522S-3525S.	1.3	211
20	Nitrosation of dietary myosmine as risk factor of human cancer. <i>Food and Chemical Toxicology</i> , 2002, 40, 1223-1228.	1.8	32
22	The Composition of Cigarette Smoke: Problems with Lists of Tumorigens. <i>Beitrage Zur Tabakforschung International/ Contributions To Tobacco Research</i> , 2003, 20, 402-437.	0.3	12
23	An Analysis of the Role of Tobacco-Specific Nitrosamines in the Carcinogenicity of Tobacco Smoke. <i>Nonlinearity in Biology, Toxicology, Medicine</i> , 2003, 1, 154014203914343.	0.4	23
24	Tooth loss, pancreatic cancer, and <i>Helicobacter pylori</i> . <i>American Journal of Clinical Nutrition</i> , 2003, 78, 176-181.	2.2	147
25	NITROSAMINES. , 2003, , 4142-4147.		8
26	Agricultural pesticide use and adenocarcinomas of the stomach and oesophagus. <i>Occupational and Environmental Medicine</i> , 2004, 61, 743-749.	1.3	28
27	DNA damage and cytotoxicity in pancreatic β -cells expressing human CYP2E1. <i>Biochemical Pharmacology</i> , 2004, 68, 523-530.	2.0	36
28	The need for reference materials when monitoring nitrate intake. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1232-1238.	1.9	9
29	Acceptability of Low Levels of Genotoxic Impurities in New Drug Substances. <i>Pharmaceutical Medicine</i> , 2004, 18, 215-220.	0.4	17
30	Intragastric formation and modulation of N-nitrosodimethylamine in a dynamic in vitro gastrointestinal model under human physiological conditions. <i>Food and Chemical Toxicology</i> , 2004, 42, 51-63.	1.8	52
31	Drinking Water and Dietary Sources of Nitrate and Nitrite and Risk of Glioma. <i>Journal of Occupational and Environmental Medicine</i> , 2005, 47, 1260-1267.	0.9	24
32	Genetic and environmental determinants of risk for cholangiocarcinoma via <i>Opisthorchis viverrini</i> in a densely infested area in Nakhon Phanom, northeast Thailand. <i>International Journal of Cancer</i> , 2005, 117, 854-860.	2.3	152
33	Determination of N-nitrosodiethanolamine in cosmetic products by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 681-685.	1.9	32
34	A review: dietary and endogenously formed N-nitroso compounds and risk of childhood brain tumors. <i>Cancer Causes and Control</i> , 2005, 16, 619-635.	0.8	93
35	Workgroup Report: Drinking-Water Nitrate and Health—Recent Findings and Research Needs. <i>Environmental Health Perspectives</i> , 2005, 113, 1607-1614.	2.8	621
36	Protective Effect of a <i>Lactobacillus salivarius</i> Strain of Human Origin. <i>Food Science and Technology International</i> , 2005, 11, 251-259.	1.1	4
37	Agricultural pesticide use and risk of glioma in Nebraska, United States. <i>Occupational and Environmental Medicine</i> , 2005, 62, 786-792.	1.3	77

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38	Tobacco Use and Stomach Cancer in Mizoram, India. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 1892-1896.	1.1	48
39	Inhibition by Allyl Sulfides and Crushed Garlic of O6-methylguanine Formation in Liver DNA of Dimethylnitrosamine-Treated Rats. <i>Nutrition and Cancer</i> , 2005, 51, 68-77.	0.9	6
40	Determination of Total N-Nitroso Compounds by Chemical Denitrosation Using CuCl. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4686-4691.	2.4	22
41	Nitrosamine and related food intake and gastric and oesophageal cancer risk: A systematic review of the epidemiological evidence. <i>World Journal of Gastroenterology</i> , 2006, 12, 4296.	1.4	332
42	Intake and food sources of nitrites and N-nitrosodimethylamine in Spain. <i>Public Health Nutrition</i> , 2006, 9, 785-791.	1.1	38
43	Risk of Non-Hodgkin Lymphoma and Nitrate and Nitrite From Drinking Water and Diet. <i>Epidemiology</i> , 2006, 17, 375-382.	1.2	59
44	Evaluation of Occupational Exposure to N-Nitrosamines in a Rubber-Manufacturing Industry. <i>Journal of Occupational and Environmental Medicine</i> , 2006, 48, 195-198.	0.9	20
45	Wounding of Root or Basal Stalk Prior to Harvest Affects Pre-harvest Antioxidant Accumulation and Tobacco-specific Nitrosamine Formation during Air Curing of Burley Tobacco (<i>Nicotiana tabacum</i> L.). <i>Journal of Agronomy and Crop Science</i> , 2006, 192, 267-277.	1.7	12
46	2-Dodecylcyclobutanone, a radiolytic product of palmitic acid, is genotoxic in primary human colon cells and in cells from preneoplastic lesions. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 594, 10-19.	0.4	32
47	No association between N7-methyldeoxyguanosine and 8-oxodeoxyguanosine levels in human lymphocyte DNA. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 600, 125-130.	0.4	5
48	Variability in fecal water genotoxicity, determined using the Comet assay, is independent of endogenous N-Nitroso compound formation attributed to red meat consumption. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 179-184.	0.9	23
49	Meat Intake and Risk of Stomach and Esophageal Adenocarcinoma Within the European Prospective Investigation Into Cancer and Nutrition (EPIC). <i>Journal of the National Cancer Institute</i> , 2006, 98, 345-354.	3.0	301
50	Endogenous versus exogenous exposure to N-nitroso compounds and gastric cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC-EURGAST) study. <i>Carcinogenesis</i> , 2006, 27, 1497-1501.	1.3	162
51	The mechanism of DNA alkylation by the α -electrophilic center of nitrosamines and nitrosoureas: a theoretical study. , 2007, , .		0
52	Processed meat intake, CYP2A6 activity and risk of colorectal adenoma. <i>Carcinogenesis</i> , 2007, 28, 1210-1216.	1.3	54
53	Ab initio Researches on the Mechanism of DNA Alkylation by Nitrosamines. , 2007, , .		0
54	Carcinogenic Food Contaminants. <i>Cancer Investigation</i> , 2007, 25, 189-196.	0.6	118
55	Molecular recognition studies with a simple dipyrinone. <i>Tetrahedron</i> , 2007, 63, 12994-12999.	1.0	16

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56	Nitrate in public water supplies and the risk of renal cell carcinoma. <i>Cancer Causes and Control</i> , 2007, 18, 1141-1151.	0.8	44
57	Kidney cancer mortality in Spain: geographic patterns and possible hypotheses. <i>BMC Cancer</i> , 2008, 8, 293.	1.1	5
58	Placental Oxidative Stress Alters Expression of Murine Osteogenic Genes and Impairs Fetal Skeletal Formation. <i>Placenta</i> , 2008, 29, 802-808.	0.7	43
59	Validation of biomarkers for the study of environmental carcinogens: a review. <i>Biomarkers</i> , 2008, 13, 505-534.	0.9	51
60	A Theoretical Study on the Critical Difference between the Mechanism of DNA Alkylation by Nitrosamines and Nitrosoureas. , 2008, , .		0
61	Chapter 18 Methods for the Determination of N-Nitroso Compounds in Food and Biological Fluids. <i>Comprehensive Analytical Chemistry</i> , 2008, , 653-684.	0.7	0
62	Nitrogen-nitrate exposure from drinking water and colorectal cancer risk for rural women in Wisconsin, USA. <i>Journal of Water and Health</i> , 2008, 6, 399-409.	1.1	36
63	Transitions at CpG Dinucleotides, Geographic Clustering of TP53 Mutations and Food Availability Patterns in Colorectal Cancer. <i>PLoS ONE</i> , 2009, 4, e6824.	1.1	7
64	Activation Mechanism of N-Nitrosodialkylamines as Environmental Mutagens and Its Application to Antitumor Research. <i>Genes and Environment</i> , 2009, 31, 97-104.	0.9	13
65	Human Exposure to Selected Animal Neurocarcinogens: A Biomarker-Based Assessment and Implications for Brain Tumor Epidemiology. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2009, 12, 175-187.	2.9	5
66	Too Much of a Good Thing? Nitrate from Nitrogen Fertilizers and Cancer. <i>Reviews on Environmental Health</i> , 2009, 24, 357-63.	1.1	104
67	Chemical synthesis of oligodeoxyribonucleotides containing N 3- and O4 -carboxymethylthymidine and their formation in DNA. <i>Nucleic Acids Research</i> , 2009, 37, 336-345.	6.5	18
68	Transplacental Transfer of Nitrosodimethylamine in Perfused Human Placenta. <i>Placenta</i> , 2009, 30, 277-283.	0.7	33
69	Construction of an N-nitroso database for assessing dietary intake. <i>Journal of Food Composition and Analysis</i> , 2009, 22, S42-S47.	1.9	47
70	Interaction of total N-nitroso compounds in environment and in vivo on risk of esophageal cancer in the coastal area, China. <i>Environment International</i> , 2009, 35, 376-381.	4.8	17
71	Activation of aminoimidazole carcinogens by nitrosation: Mutagenicity and nucleotide adducts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 673, 109-115.	0.9	16
72	Cigarette smoking—Effect of metabolic health risk: A review. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2009, 3, 120-127.	1.8	18
74	Environmental Causes of Esophageal Cancer. <i>Gastroenterology Clinics of North America</i> , 2009, 38, 27-57.	1.0	323

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75	Oxidation Products of N-nitrosodialkylamines Generated by Fenton's Reagent in the Presence of Copper Are Direct Acting Mutagens. <i>Journal of Health Science</i> , 2010, 56, 576-580.	0.9	10
76	Pickled meat consumption and colorectal cancer (CRC): a case-control study in Newfoundland and Labrador, Canada. <i>Cancer Causes and Control</i> , 2010, 21, 1513-1521.	0.8	22
77	Maternal characteristics associated with the dietary intake of nitrates, nitrites, and nitrosamines in women of child-bearing age: a cross-sectional study. <i>Environmental Health</i> , 2010, 9, 10.	1.7	21
78	The determination of N-nitrosamines in food. <i>Quality Assurance and Safety of Crops and Foods</i> , 2010, 2, 2-12.	1.8	41
79	Activation mechanism for N-nitroso-N-methylbutylamine mutagenicity by radical species. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 8284-8288.	1.4	11
80	Dietary Components Related to N-Nitroso Compound Formation: A Prospective Study of Adult Glioma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 1709-1722.	1.1	77
81	Effect of Allyl Isothiocyanate (AITC) in Both Nitrite- and Nitrosamine-Induced Cell Death, Production of Reactive Oxygen Species, and DNA Damage by the Single-Cell Gel Electrophoresis (SCGE): Does It Have Any Protective Effect on HepG2 Cells?. <i>International Journal of Toxicology</i> , 2010, 29, 305-312.	0.6	2
82	Chemical safety of meat and meat products. <i>Meat Science</i> , 2010, 86, 38-48.	2.7	118
83	Ameliorating effect of chicory (<i>Cichorium intybus</i> L.)-supplemented diet against nitrosamine precursors-induced liver injury and oxidative stress in male rats. <i>Food and Chemical Toxicology</i> , 2010, 48, 2163-2169.	1.8	80
84	Evaluation of the genotoxicity of 10 selected dietary/environmental compounds with the in vitro micronucleus cytokinesis-block assay in an interlaboratory comparison. <i>Food and Chemical Toxicology</i> , 2010, 48, 2612-2623.	1.8	29
85	Detection of 7-(2-Carboxyethyl)guanine but Not 7-Carboxymethylguanine in Human Liver DNA. <i>Chemical Research in Toxicology</i> , 2010, 23, 1089-1096.	1.7	20
86	Synthesis and characterization of oligodeoxyribonucleotides containing a site-specifically incorporated N6-carboxymethyl-2-deoxyadenosine or N4-carboxymethyl-2-deoxycytidine. <i>Nucleic Acids Research</i> , 2010, 38, 6774-6784.	6.5	16
87	Evaluation of the protective effect of ascorbic acid on nitrite- and nitrosamine-induced cytotoxicity and genotoxicity in human hepatoma line. <i>Toxicology Mechanisms and Methods</i> , 2010, 20, 45-52.	1.3	29
88	In Vitro Replication Studies of Carboxymethylated DNA Lesions with <i>Saccharomyces cerevisiae</i> Polymerase β . <i>Biochemistry</i> , 2011, 50, 7666-7673.	1.2	15
90	Evolution of Research on the DNA Adduct Chemistry of N-Nitrosopyrrolidine and Related Aldehydes. <i>Chemical Research in Toxicology</i> , 2011, 24, 781-790.	1.7	6
91	N-nitroso compound exposure-associated transcriptomic profiles are indicative of an increased risk for colorectal cancer. <i>Cancer Letters</i> , 2011, 309, 1-10.	3.2	30
92	Determination of primary and secondary aliphatic amines with high performance liquid chromatography based on the derivatization using 1,3,5,7-tetramethyl-8-(N-hydroxysuccinimidyl) butyric Tj ETQq0 0.0 rgBT / Overlock 10	0.9	0
93	Long-term exposure to sodium nitrite and risk of esophageal carcinoma: a cohort study for 30 years. <i>Ecological Management and Restoration</i> , 2011, 24, 30-32.	0.2	10

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94	Isolation and structural identification of a direct-acting mutagen derived from N-nitroso-N-methylpentylamine and Fenton's reagent with copper ion. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5693-5697.	1.4	7
95	Whole-genome gene expression modifications associated with nitrosamine exposure and micronucleus frequency in human blood cells. <i>Mutagenesis</i> , 2011, 26, 753-761.	1.0	22
96	N-nitroso compounds and cancer incidence: the European Prospective Investigation into Cancer and Nutrition (EPIC)-Norfolk Study. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 1053-1061.	2.2	174
97	Carboxymethylation of DNA Induced by N-Nitroso Compounds and Its Biological Implications. <i>Advances in Molecular Toxicology</i> , 2011, , 219-243.	0.4	6
98	Nitrosatable Drug Exposure During Early Pregnancy and Neural Tube Defects in Offspring. <i>American Journal of Epidemiology</i> , 2011, 174, 1286-1295.	1.6	45
99	High-throughput analysis of the mutagenic and cytotoxic properties of DNA lesions by next-generation sequencing. <i>Nucleic Acids Research</i> , 2011, 39, 5945-5954.	6.5	58
100	Red and processed meat consumption and the risk of esophageal and gastric cancer subtypes in The Netherlands Cohort Study. <i>Annals of Oncology</i> , 2012, 23, 2319-2326.	0.6	64
101	Meat and Heme Iron Intake and Risk of Squamous Cell Carcinoma of the Upper Aero-Digestive Tract in the European Prospective Investigation into Cancer and Nutrition (EPIC). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 2138-2148.	1.1	16
102	Ingested nitrate and nitrite and stomach cancer risk: An updated review. <i>Food and Chemical Toxicology</i> , 2012, 50, 3646-3665.	1.8	253
103	Determination of N-nitrososarcosine in tobacco and smokeless tobacco products using isotope dilution liquid chromatography tandem mass spectrometry. <i>Analytical Methods</i> , 2012, 4, 3448.	1.3	7
104	Nitrosatable drug exposure during the first trimester of pregnancy and selected congenital malformations. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012, 94, 701-713.	1.6	32
106	Protection Studies by Antioxidants Using Single Cell Gel Electrophoresis (Comet Assay). , 2012, , .		1
107	The role of nutrition in the development of esophageal cancer: what do we know?. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 351.	0.9	18
108	Relevance of protein fermentation to gut health. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 184-196.	1.5	479
109	A population-based prospective study of energy-providing nutrients in relation to all-cause cancer mortality and cancers of digestive organs mortality. <i>International Journal of Cancer</i> , 2013, 133, 2422-2428.	2.3	6
110	Topographical study of O6-alkylguanine DNA alkyltransferase repair activity and N7-methylguanine levels in resected lung tissue. <i>Chemico-Biological Interactions</i> , 2013, 204, 98-104.	1.7	7
111	Ruthenium porphyrin and oxidant convert N-nitrosodialkylamines into direct-acting mutagen in the Ames assay. <i>Toxicology Research</i> , 2013, 2, 397.	0.9	3
112	Heme-Induced Biomarkers Associated with Red Meat Promotion of colon Cancer Are Not Modulated by the Intake of Nitrite. <i>Nutrition and Cancer</i> , 2013, 65, 227-233.	0.9	21

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113	Dietary N-nitroso compounds, endogenous nitrosation, and the risk of esophageal and gastric cancer subtypes in the Netherlands Cohort Study. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 135-146.	2.2	130
114	Intestinal Formation of N-Nitroso Compounds in the Pig Cecum Model. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 998-1005.	2.4	25
115	Dietary nitrate and nitrite intake and risk of non-Hodgkin lymphoma. <i>Leukemia and Lymphoma</i> , 2013, 54, 945-950.	0.6	10
116	Red meat and cancer risk in a network of case-control studies focusing on cooking practices. <i>Annals of Oncology</i> , 2013, 24, 3107-3112.	0.6	64
117	Prenatal exposure to nitrosatable drugs, vitamin C, and risk of selected birth defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2013, 97, 515-531.	1.6	11
118	Dietary intake of nitrate and nitrite and risk of renal cell carcinoma in the NIH-AARP Diet and Health Study. <i>British Journal of Cancer</i> , 2013, 108, 205-212.	2.9	49
119	Poor oral hygiene and risk of esophageal squamous cell carcinoma in Kashmir. <i>British Journal of Cancer</i> , 2013, 109, 1367-1372.	2.9	75
120	Quantitation of Urinary Volatile Nitrosamines from Exposure to Tobacco Smoke*. <i>Journal of Analytical Toxicology</i> , 2013, 37, 195-202.	1.7	23
121	Dietary N-nitroso compounds and risk of colorectal cancer: a case-control study in Newfoundland and Labrador and Ontario, Canada. <i>British Journal of Nutrition</i> , 2014, 111, 1109-1117.	1.2	82
122	Novel Study on N-Nitrosamines as Risk Factors of Cardiovascular Diseases. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	14
123	Angiogenesis in esophageal and gastric cancer: a paradigm shift in treatment. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 1319-1332.	1.4	12
124	Vegetable, fruit and nitrate intake in relation to the risk of Barrett's oesophagus in a large Dutch cohort. <i>British Journal of Nutrition</i> , 2014, 111, 1452-1462.	1.2	25
125	Dietary sources of N-nitroso compounds and bladder cancer risk: Findings from the Los Angeles bladder cancer study. <i>International Journal of Cancer</i> , 2014, 134, 125-135.	2.3	63
126	Dietary nitrate and nitrite intake and risk of colorectal cancer in the Shanghai Women's Health Study. <i>International Journal of Cancer</i> , 2014, 134, 2917-2926.	2.3	92
127	Nitrite and catalase levels rule oxidative stability and safety properties of milk: a review. <i>RSC Advances</i> , 2014, 4, 26476-26486.	1.7	12
128	Pharmacology and therapeutic role of inorganic nitrite and nitrate in vasodilatation. , 2014, 144, 303-320.		47
129	Prospective association between red and processed meat intakes and breast cancer risk: modulation by an antioxidant supplementation in the SU.VI.MAX randomized controlled trial. <i>International Journal of Epidemiology</i> , 2014, 43, 1583-1592.	0.9	27
130	Polymeric optical sensors for selective and sensitive nitrite detection using cobalt(III) corrole and rhodium(III) porphyrin as ionophores. <i>Analytica Chimica Acta</i> , 2014, 843, 89-96.	2.6	42

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131	Antimutagenicity Screening of Extracts from Medicinal and Edible Plants against N-Methyl-N-nitrosourea by the Ames Assay. <i>Genes and Environment</i> , 2014, 36, 39-46.	0.9	4
132	Urinary Levels of N-Nitroso Compounds in Relation to Risk of Gastric Cancer: Findings from the Shanghai Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0117326.	1.1	25
133	Nitrate in drinking water and bladder cancer risk in Spain. <i>Environmental Research</i> , 2015, 137, 299-307.	3.7	81
134	Nitrate, Nitrite, Nitrosatable Drugs, and Congenital Malformations. , 2015, , 61-74.		0
135	Transcriptional inhibition and mutagenesis induced by N-nitroso compound-derived carboxymethylated thymidine adducts in DNA. <i>Nucleic Acids Research</i> , 2015, 43, 1012-1018.	6.5	18
136	N-Methyl-N-nitrosourea as a mammary carcinogenic agent. <i>Tumor Biology</i> , 2015, 36, 9095-9117.	0.8	45
137	Nitrosatable Drug Exposure during Pregnancy and Preterm and Smallâ€forâ€Gestationalâ€Age Births. <i>Paediatric and Perinatal Epidemiology</i> , 2015, 29, 60-71.	0.8	8
138	Association between dietary nitrate and nitrite intake and site-specific cancer risk: evidence from observational studies. <i>Oncotarget</i> , 2016, 7, 56915-56932.	0.8	61
139	Dietary Nitrate and the Epidemiology of Cardiovascular Disease: Report From a National Heart, Lung, and Blood Institute Workshop. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	66
140	The impact of red and processed meat consumption on cancer and other health outcomes: Epidemiological evidences. <i>Food and Chemical Toxicology</i> , 2016, 92, 236-244.	1.8	143
141	Quantification of Azaserine-Induced Carboxymethylated and Methylated DNA Lesions in Cells by Nanoflow Liquid Chromatography-Nanoelectrospray Ionization Tandem Mass Spectrometry Coupled with the Stable Isotope-Dilution Method. <i>Analytical Chemistry</i> , 2016, 88, 8036-8042.	3.2	20
142	Nutrient-Gene Interaction in Colon Cancer, from the Membrane to Cellular Physiology. <i>Annual Review of Nutrition</i> , 2016, 36, 543-570.	4.3	30
143	Degradation and fate of N -nitrosamines in water by UV photolysis. <i>International Journal of Greenhouse Gas Control</i> , 2016, 52, 44-51.	2.3	28
145	Experimental and Theoretical Investigation of Effects of Ethanol and Acetic Acid on Carcinogenic NDMA Formation in Simulated Gastric Fluid. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4505-4513.	1.1	1
147	Elevated urinary levels of carcinogenic N- nitrosamines in patients with urinary tract infections measured by isotope dilution online SPE LCâ€MS/MS. <i>Journal of Hazardous Materials</i> , 2016, 310, 207-216.	6.5	15
148	Roles of Aag, Alkbh2, and Alkbh3 in the Repair of Carboxymethylated and Ethylated Thymidine Lesions. <i>ACS Chemical Biology</i> , 2016, 11, 1332-1338.	1.6	17
149	Mechanisms Linking Colorectal Cancer to the Consumption of (Processed) Red Meat: A Review. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 2747-2766.	5.4	138
150	A critical overview on the biological and molecular features of red and processed meat in colorectal carcinogenesis. <i>Journal of Gastroenterology</i> , 2017, 52, 407-418.	2.3	49

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151	Animal models as a tool in hepatocellular carcinoma research: A Review. <i>Tumor Biology</i> , 2017, 39, 101042831769592.	0.8	93
152	Excessive use of nitrogenous fertilizers: an unawareness causing serious threats to environment and human health. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26983-26987.	2.7	178
153	Isolation and characterization of antimutagenic components of <i>Glycyrrhiza aspera</i> against N-methyl-N-nitrosourea. <i>Genes and Environment</i> , 2017, 39, 5.	0.9	10
154	Antimutagenic components in <i>Glycyrrhiza</i> against N-methyl-N-nitrosourea in the Ames assay. <i>Natural Product Research</i> , 2017, 31, 691-695.	1.0	5
155	Mechanisms and kinetics of tryptophan N-nitrosation in a gastro-intestinal model. <i>Food Chemistry</i> , 2017, 218, 487-495.	4.2	21
156	Replication studies of carboxymethylated DNA lesions in human cells. <i>Nucleic Acids Research</i> , 2017, 45, 7276-7284.	6.5	17
157	A Case-Control Study of Risk Factors for Salivary Gland Cancer in Canada. <i>Journal of Cancer Epidemiology</i> , 2017, 2017, 1-12.	0.5	24
158	Opisthorchiasis and cholangiocarcinoma in Southeast Asia: an unresolved problem. <i>International Journal of General Medicine</i> , 2017, Volume 10, 227-237.	0.8	38
159	Nitrates, Nitrites and Nitrosamines from Processed Meat Intake and Colorectal Cancer Risk. <i>Journal of Clinical Nutrition & Dietetics</i> , 2017, 03, .	0.3	35
160	Formation and inhibition of N-nitrosodiethanolamine in cosmetics under pH, temperature, and fluorescent, ultraviolet, and visual light. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 241-253.	1.1	9
161	Review of biomarkers to assess the effects of switching from cigarettes to modified risk tobacco products. <i>Biomarkers</i> , 2018, 23, 213-244.	0.9	18
162	Risk assessment of N-nitrosodiethylamine (NDEA) and N-nitrosodiethanolamine (NDELA) in cosmetics. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 465-480.	1.1	29
163	A colorimetric hydrogel biosensor for rapid detection of nitrite ions. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 112-118.	4.0	88
164	The effect of ethanol and N-nitrosodimethylamine on the iNOS-dependent NO production in human neutrophils. Role of NF- κ B. <i>Xenobiotica</i> , 2018, 48, 498-505.	0.5	5
165	Oxidation and nitrosation of meat proteins under gastro-intestinal conditions: Consequences in terms of nutritional and health values of meat. <i>Food Chemistry</i> , 2018, 243, 295-304.	4.2	50
166	Red and processed meat intake and cancer risk: Results from the prospective NutriNet- US cohort study. <i>International Journal of Cancer</i> , 2018, 142, 230-237.	2.3	96
167	Role of Heme Iron in the Association Between Red Meat Consumption and Colorectal Cancer. <i>Nutrition and Cancer</i> , 2018, 70, 1173-1183.	0.9	37
168	Critical review of major sources of human exposure to N-nitrosamines. <i>Chemosphere</i> , 2018, 210, 1124-1136.	4.2	85

#	ARTICLE	IF	CITATIONS
169	Dissecting the mechanisms and molecules underlying the potential carcinogenicity of red and processed meat in colorectal cancer (CRC): an overview on the current state of knowledge. <i>Infectious Agents and Cancer</i> , 2018, 13, 3.	1.2	63
170	Meat Science Lexicon. <i>Meat and Muscle Biology</i> , 2018, 2, .	0.7	24
171	A Review of the In Vivo Evidence Investigating the Role of Nitrite Exposure from Processed Meat Consumption in the Development of Colorectal Cancer. <i>Nutrients</i> , 2019, 11, 2673.	1.7	61
172	Estimation of nizatidine gastric nitrosatability and product toxicity via an integrated approach combining HILIC, in silico toxicology, and molecular docking. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 915-925.	0.9	9
174	Chemopreventive effect of coffee against colorectal cancer and hepatocellular carcinoma. <i>International Journal of Food Properties</i> , 2019, 22, 536-555.	1.3	8
175	DNA replication studies of N-nitroso compoundâ€‘induced O6-alkyl-2â€‘deoxyguanosine lesions in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 3899-3908.	1.6	10
176	Dietary N-nitroso compounds and risk of pancreatic cancer: results from a large caseâ€‘control study. <i>Carcinogenesis</i> , 2019, 40, 254-262.	1.3	25
177	Knowledge, attitudes and eating habits red and processed meat among gym users: a cross-sectional survey. <i>Perspectives in Public Health</i> , 2020, 140, 203-213.	0.8	5
178	DNA Adducts as Biomarkers To Predict, Prevent, and Diagnose Diseaseâ€‘Application of Analytical Chemistry to Clinical Investigations. <i>Chemical Research in Toxicology</i> , 2020, 33, 286-307.	1.7	8
179	Probabilistic risk assessment of nitrates for Austrian adults and estimation of the magnitude of their conversion into nitrites. <i>Food and Chemical Toxicology</i> , 2020, 145, 111719.	1.8	10
180	Gastrointestinal digestion and cecal fermentation of a mixed gel of lean pork meat and resistant starch in mice. <i>Food and Function</i> , 2020, 11, 6834-6842.	2.1	3
181	Causes of cancer: physical, chemical, biological carcinogens, and viruses. , 2020, , 607-641.		3
182	The Influence of Nutritional and Lifestyle Factors on Glioma Incidence. <i>Nutrients</i> , 2020, 12, 1812.	1.7	21
183	Nitrates/Nitrites in Foodâ€‘Risk for Nitrosative Stress and Benefits. <i>Antioxidants</i> , 2020, 9, 241.	2.2	137
184	The Noncanonical Pathway for In Vivo Nitric Oxide Generation: The Nitrate-Nitrite-Nitric Oxide Pathway. <i>Pharmacological Reviews</i> , 2020, 72, 692-766.	7.1	133
185	N-nitrosoethylenethiourea formation at environmentally-relevant concentrations of ethylenethiourea in a pooled groundwater sample. <i>Science of the Total Environment</i> , 2021, 761, 143300.	3.9	3
186	Comparing Innovative Versus Conventional Ham Processes via Environmental Life Cycle Assessment Supplemented with the Assessment of Nitrite Impacts on Human Health. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 451.	1.3	1
187	Mechanistic insights into the treatment of iron-deficiency anemia and arthritis in humans with dietary molybdenum. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 1170-1175.	1.3	6

#	ARTICLE	IF	CITATIONS
188	The "burn"™ of ranitidine recall. European Journal of Gastroenterology and Hepatology, 2021, Publish Ahead of Print, .	0.8	3
189	Direct Alkylation of Deoxyguanosine by Azaserine Leads to O6-Carboxymethyldeoxyguanosine. Chemical Research in Toxicology, 2021, 34, 1518-1529.	1.7	8
190	Nitrosamine removal: Pilot-scale comparison of advanced oxidation, nanofiltration, and biological activated carbon processes. Chemosphere, 2021, 277, 130249.	4.2	9
191	Dietary N-nitroso compounds intake and bladder cancer risk: A systematic review and meta-analysis. Nitric Oxide - Biology and Chemistry, 2021, 115, 1-7.	1.2	6
192	Water Contaminants. , 2006, , 382-404.		12
193	Association Between Nitrite and Nitrate Intake and Risk of Gastric Cancer: A Systematic Review and Meta-Analysis. Medical Science Monitor, 2019, 25, 1788-1799.	0.5	35
194	Red and Processed Meat Intake Is Associated with Higher Gastric Cancer Risk: A Meta-Analysis of Epidemiological Observational Studies. PLoS ONE, 2013, 8, e70955.	1.1	86
195	Reactive Oxygen Species Mediate Epstein-Barr Virus Reactivation by N-Methyl-N-™-Nitro-N-Nitrosoguanidine. PLoS ONE, 2013, 8, e84919.	1.1	38
196	Understanding the microbiome: a primer on the role of the microbiome in colorectal neoplasia. Annals of Gastroenterology, 2020, 33, 223-236.	0.4	6
197	Assessment of the Antimutagenic Effects of Aqueous Extracts from Herbal Medicines against N-Alkyl-N-™-nitrosoureas-induced Mutagenicity Using the umu Test. Genes and Environment, 2014, 36, 33-38.	0.9	2
198	Proteinase activated-receptors-associated signaling in the control of gastric cancer. World Journal of Gastroenterology, 2014, 20, 11977.	1.4	19
199	A Review of Adverse Effects and Benefits of Nitrate and Nitrite in Drinking Water and Food on Human Health. Health Scope, 2017, In Press, .	0.4	38
200	N-Nitrosodimethylamine in the Kashmiri Diet and Possible Roles in the High Incidence of Gastrointestinal Cancers. Asian Pacific Journal of Cancer Prevention, 2012, 13, 1077-1079.	0.5	15
203	The Role of Chemical Carcinogens and Their Biotransformation in Colorectal Cancer. , 2009, , 261-276.		1
204	Changes in the intestinal microbiota after a short period of dietary over-indulgence, representative of a holiday or festival season. Food Science and Technology Bulletin, 2009, 5, 51-59.	0.5	1
205	EFFECT OF BALE SIZE AND DENSITY ON TSNA FORMATION IN BALED BURLEY TOBACCO. Tobacco Science, 2011, 48, 32-35.	3.0	0
206	Catalytic Processes in Ecological Chemistry. Springer Series in Chemical Physics, 2012, , 351-421.	0.2	0
207	Gastric Cancer Among Asian Americans. , 2016, , 249-269.		1

#	ARTICLE	IF	CITATIONS
208	The Hippies Were Right: Diet and Cancer Risk. , 2019, , 121-129.		0
209	Human Health Effects of Exposure to Nitrate, Nitrite, and Nitrogen Dioxide. , 2020, , 283-294.		9
211	The Intake of Phosphorus and Nitrites through Meat Products: A Health Risk Assessment of Children Aged 1 to 9 Years Old in Serbia. <i>Nutrients</i> , 2022, 14, 242.	1.7	8
212	New Strategies for the Total/Partial Replacement of Conventional Sodium Nitrite in Meat Products: a Review. <i>Food and Bioprocess Technology</i> , 2022, 15, 514-538.	2.6	18
213	Dietary B group vitamin intake and the bladder cancer risk: a pooled analysis of prospective cohort studies. <i>European Journal of Nutrition</i> , 2022, 61, 2397-2416.	1.8	4
214	Recalcitrant toxic xenobiotics and their routes of exposure to humans. , 2022, , 37-56.		0
215	Metabolic Activation and DNA Interactions of Carcinogenic N-Nitrosamines to Which Humans Are Commonly Exposed. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4559.	1.8	45
217	Association Between Dietary Nitrite intake and Glioma Risk: A Systematic Review and Dose-Response Meta-Analysis of Observational Studies. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
219	Potential chemical hazards linked to meat processing. , 2022, , .		0
220	Research progress of <i>N</i>-nitrosamine detection methods: a review. <i>Bioanalysis</i> , 2022, 14, 1123-1135.	0.6	0
221	Exposure to nitrosatable drugs during pregnancy and childhood cancer: A matched caseâ€“control study in Denmark, 1996â€“2016. <i>Pharmacoepidemiology and Drug Safety</i> , 2023, 32, 496-505.	0.9	4
222	Regulatory Experiences with Root Causes and Risk Factors for Nitrosamine Impurities in Pharmaceuticals. <i>Journal of Pharmaceutical Sciences</i> , 2023, 112, 1166-1182.	1.6	15
223	Levels of nitrate, nitrite and nitrosamines in model sausages during heat treatment and in vitro digestion â€“ The impact of adding nitrite and spinach (<i>Spinacia oleracea</i> L.). <i>Food Research International</i> , 2023, 166, 112595.	2.9	3
224	A survey of industrial N-nitrosamine discharges in Switzerland. <i>Journal of Hazardous Materials</i> , 2023, 450, 131094.	6.5	5
225	Impacts of Environmental Pollution on Brain Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5045.	1.8	4
226	An increase in polyadenylation of histone isoforms, Hist1h2ah and Hist2h3c2, is governed by 3â€“UTR in de-differentiated and undifferentiated hepatocyte. <i>Experimental Biology and Medicine</i> , 2023, 248, 948-958.	1.1	0
228	The Nitrosamine â€œSagaâ€“ Lessons Learned from Five Years of Scrutiny. <i>Organic Process Research and Development</i> , 2023, 27, 1719-1735.	1.3	10