Alessio Naccarati

List of Publications by Year in Descending Order

165 papers	6,707 citations	43 h-index	74 g-index
172 ext. papers	8,346 ext. citations	6.6 avg, IF	5.23 L-index

#	Paper	IF	Citations
165	Combined miRNA and SERS urine liquid biopsy for the point-of-care diagnosis and molecular stratification of bladder cancer.. *Molecular Medicine*, **2022**, 28, 39	6.2	6
164	Faecal miRNA profiles associated with age, sex, BMI, and lifestyle habits in healthy individuals. *Scientific Reports*, **2021**, 11, 20645	4.9	3
163	Genetic variations in microRNA-binding sites of solute carrier transporter genes as predictors of clinical outcome in colorectal cancer. *Carcinogenesis*, **2021**, 42, 378-394	4.6	2
162	Genetic variations in 3'UTRs of SMUG1 and NEIL2 genes modulate breast cancer risk, survival and therapy response. *Mutagenesis*, **2021**, 36, 269-279	2.8	0
161	Plasma concentrations of persistent organic pollutants and pancreatic cancer risk. *International Journal of Epidemiology*, **2021**,	7.8	2
160	Mutational landscape of plasma cell-free DNA identifies molecular features associated with therapeutic response in patients with colon cancer. A pilot study. *Mutagenesis*, **2021**, 36, 358-368	2.8	1
159	Metabolic perturbations prior to hepatocellular carcinoma diagnosis: Findings from a prospective observational cohort study. *International Journal of Cancer*, **2021**, 148, 609-625	7.5	15
158	Soluble Receptor for Advanced Glycation End-products (sRAGE) and Colorectal Cancer Risk: A Case-Control Study Nested within a European Prospective Cohort. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 182-192	4	1
157	Short-term personal and outdoor exposure to ultrafine and fine particulate air pollution in association with blood pressure and lung function in healthy adults. *Environmental Research*, **2021**, 194, 110579	7.9	4
156	Stool microRNA profiles reflect different dietary and gut microbiome patterns in healthy individuals. *Gut*, **2021**,	19.2	8
155	Analysis of MicroRNA Expression Changes During the Course of Therapy In Rectal Cancer Patients. *Frontiers in Oncology*, **2021**, 11, 702258	5.3	3
154	Small Non-Coding RNA Profiling in Plasma Extracellular Vesicles of Bladder Cancer Patients by Next-Generation Sequencing: Expression Levels of miR-126-3p and piR-5936 Increase with Higher Histologic Grades. *Cancers*, **2020**, 12,	6.6	16
153	Associations between modeled residential outdoor and measured personal exposure to ultrafine particles in four European study areas. *Atmospheric Environment*, **2020**, 226, 117353	5.3	3
152	microRNA expression profiles and personal monitoring of exposure to particulate matter. *Environmental Pollution*, **2020**, 263, 114392	9.3	10
151	Agnostic Cys34-albumin adductomics and DNA methylation: Implication of N-acetylcysteine in lung carcinogenesis years before diagnosis. *International Journal of Cancer*, **2020**, 146, 3294-3303	7.5	7
150	Expression quantitative trait loci in ABC transporters are associated with survival in 5-FU treated colorectal cancer patients. *Mutagenesis*, **2020**, 35, 273-281	2.8	1
149	Epistatic effect of TLR3 and cGAS-STING-IKK□TBK1-IFN signaling variants on colorectal cancer risk. *Cancer Medicine*, **2020**, 9, 1473-1484	4.8	6

148	Exosomal microRNAs and other non-coding RNAs as colorectal cancer biomarkers: a review. *Mutagenesis*, **2020**, 35, 243-260	2.8	17
147	The Inhibitory Role of miR-486-5p on CSC Phenotype Has Diagnostic and Prognostic Potential in Colorectal Cancer. *Cancers*, **2020**, 12,	6.6	3
146	DNA Mismatch Repair Gene Variants in Sporadic Solid Cancers. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
145	Stochastic Epigenetic Mutations Are Associated with Risk of Breast Cancer, Lung Cancer, and Mature B-cell Neoplasms. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 2026-2037	4	6
144	The use of silicone wristbands to evaluate personal exposure to semi-volatile organic chemicals (SVOCs) in France and Italy. *Environmental Pollution*, **2020**, 267, 115490	9.3	8
143	DNA repair and cancer in colon and rectum: Novel players in genetic susceptibility. *International Journal of Cancer*, **2020**, 146, 363-372	7.5	13
142	Consumption of Fish and Long-chain n-3 Polyunsaturated Fatty Acids Is Associated With Reduced Risk of Colorectal Cancer in a Large European Cohort. *Clinical Gastroenterology and Hepatology*, **2020**, 18, 654-666.e6	6.9	43
141	Intake of Natural Compounds and Circulating microRNA Expression Levels: Their Relationship Investigated in Healthy Subjects With Different Dietary Habits. *Frontiers in Pharmacology*, **2020**, 11, 619200	5.6	8
140	Altered Fecal Small RNA Profiles in Colorectal Cancer Reflect Gut Microbiome Composition in Stool Samples. *MSystems*, **2019**, 4,	7.6	31
139	Association of Selenoprotein and Selenium Pathway Genotypes with Risk of Colorectal Cancer and Interaction with Selenium Status. *Nutrients*, **2019**, 11,	6.7	12
138	ExpoApp: An integrated system to assess multiple personal environmental exposures. *Environment International*, **2019**, 126, 494-503	12.9	15
137	Distinct Genetic and Functional Traits of Human Intestinal Prevotella copri Strains Are Associated with Different Habitual Diets. *Cell Host and Microbe*, **2019**, 25, 444-453.e3	23.4	145
136	Metagenomic analysis of colorectal cancer datasets identifies cross-cohort microbial diagnostic signatures and a link with choline degradation. *Nature Medicine*, **2019**, 25, 667-678	50.5	289
135	Meta-analysis of fecal metagenomes reveals global microbial signatures that are specific for colorectal cancer. *Nature Medicine*, **2019**, 25, 679-689	50.5	353
134	Exposure to disinfection by-products in swimming pools and biomarkers of genotoxicity and respiratory damage - The PISCINA2 Study. *Environment International*, **2019**, 131, 104988	12.9	10
133	Fecal microRNAs as non-invasive biomarkers for the detection of colorectal cancer: a systematic review. *Minerva Biotecnologica*, **2019**, 31,	2.5	6
132	CHAPTER 37:Micronucleus Assay for Assessing Chromosomal Damage in Medical Workers Exposed to Anaesthetic Gases. *Issues in Toxicology*, **2019**, 618-635	0.3	
131	Cys34 Adductomics Links Colorectal Cancer with the Gut Microbiota and Redox Biology. *Cancer Research*, **2019**, 79, 6024-6031	10.1	10

130	Methodological issues in a prospective study on plasma concentrations of persistent organic pollutants and pancreatic cancer risk within the EPIC cohort. *Environmental Research*, **2019**, 169, 417-433	7.9	12
129	Circulating microRNAs combined with PSA for accurate and non-invasive prostate cancer detection. *Carcinogenesis*, **2019**, 40, 246-253	4.6	17
128	Discovery of common and rare genetic risk variants for colorectal cancer. *Nature Genetics*, **2019**, 51, 76-87	36.3	177
127	CA19-9 and apolipoprotein-A2 isoforms as detection markers for pancreatic cancer: a prospective evaluation. *International Journal of Cancer*, **2019**, 144, 1877-1887	7.5	20
126	Land use regression models for the oxidative potential of fine particles (PM) in five European areas. *Environmental Research*, **2018**, 160, 247-255	7.9	28
125	Coding variants in NOD-like receptors: An association study on risk and survival of colorectal cancer. *PLoS ONE*, **2018**, 13, e0199350	3.7	5
124	Acute changes in DNA methylation in relation to 24 h personal air pollution exposure measurements: A panel study in four European countries. *Environment International*, **2018**, 120, 11-21	12.9	35
123	MicroRNAs as markers of progression in cervical cancer: a systematic review. *BMC Cancer*, **2018**, 18, 696	4.8	94
122	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. *Environment International*, **2018**, 119, 334-345	12.9	49
121	Investigation of single and synergic effects of NLRC5 and PD-L1 variants on the risk of colorectal cancer. *PLoS ONE*, **2018**, 13, e0192385	3.7	16
120	Small non-coding RNA profiling in human biofluids and surrogate tissues from healthy individuals: description of the diverse and most represented species. *Oncotarget*, **2018**, 9, 3097-3111	3.3	35
119	microRNA profiles in urine by next-generation sequencing can stratify bladder cancer subtypes. *Oncotarget*, **2018**, 9, 20658-20669	3.3	41
118	Functional Polymorphisms in DNA Repair Genes Are Associated with Sporadic Colorectal Cancer Susceptibility and Clinical Outcome. *International Journal of Molecular Sciences*, **2018**, 20,	6.3	14
117	Oxidative stress and inflammation mediate the effect of air pollution on cardio- and cerebrovascular disease: A prospective study in nonsmokers. *Environmental and Molecular Mutagenesis*, **2018**, 59, 234-246	3.2	61
116	Untargeted lipidomic features associated with colorectal cancer in a prospective cohort. *BMC Cancer*, **2018**, 18, 996	4.8	13
115	Short article: Influence of regulatory NLRC5 variants on colorectal cancer survival and 5-fluorouracil-based chemotherapy. *European Journal of Gastroenterology and Hepatology*, **2018**, 30, 838-842	2.2	3
114	Genetic variation of acquired structural chromosomal aberrations. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2018**, 836, 13-21	3	15
113	Land Use Regression Models for Ultrafine Particles in Six European Areas. *Environmental Science & Technology*, **2017**, 51, 3336-3345	10.3	56

112	Identification of plasma microRNAs as new potential biomarkers with high diagnostic power in human cutaneous melanoma. *Tumor Biology*, **2017**, 39, 1010428317701646	2.9	32
111	Pre-diagnostic copper and zinc biomarkers and colorectal cancer risk in the European Prospective Investigation into Cancer and Nutrition cohort. *Carcinogenesis*, **2017**, 38, 699-707	4.6	28
110	Plasma microRNAs as biomarkers of pancreatic cancer risk in a prospective cohort study. *International Journal of Cancer*, **2017**, 141, 905-915	7.5	42
109	Helicobacter pylori infection, chronic corpus atrophic gastritis and pancreatic cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort: A nested case-control study. *International Journal of Cancer*, **2017**, 140, 1727-1735	7.5	15
108	Increased micronucleus frequency in peripheral blood lymphocytes predicts the risk of bladder cancer. *British Journal of Cancer*, **2017**, 116, 202-210	8.7	30
107	MicroRNA-binding site polymorphisms in genes involved in colorectal cancer etiopathogenesis and their impact on disease prognosis. *Mutagenesis*, **2017**, 32, 533-542	2.8	16
106	DNA methylation and exposure to ambient air pollution in two prospective cohorts. *Environment International*, **2017**, 108, 127-136	12.9	79
105	Exposure to bacterial products lipopolysaccharide and flagellin and hepatocellular carcinoma: a nested case-control study. *BMC Medicine*, **2017**, 15, 72	11.4	26
104	Polymorphisms in microRNA binding sites of mucin genes as predictors of clinical outcome in colorectal cancer patients. *Carcinogenesis*, **2017**, 38, 28-39	4.6	23
103	Polymorphisms in Non-coding RNA Genes and Their Targets Sites as Risk Factors of Sporadic Colorectal Cancer. *Advances in Experimental Medicine and Biology*, **2016**, 937, 123-49	3.6	12
102	Circulating Osteopontin and Prediction of Hepatocellular Carcinoma Development in a Large European Population. *Cancer Prevention Research*, **2016**, 9, 758-65	3.2	29
101	Evaluating Ultra-long-Chain Fatty Acids as Biomarkers of Colorectal Cancer Risk. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 1216-23	4	11
100	Pre-diagnostic meat and fibre intakes in relation to colorectal cancer survival in the European Prospective Investigation into Cancer and Nutrition. *British Journal of Nutrition*, **2016**, 116, 316-25	3.6	20
99	Consumption of soft drinks and juices and risk of liver and biliary tract cancers in a European cohort. *European Journal of Nutrition*, **2016**, 55, 7-20	5.2	20
98	Prospective association of liver function biomarkers with development of hepatobiliary cancers. *Cancer Epidemiology*, **2016**, 40, 179-87	2.8	34
97	Serum Endotoxins and Flagellin and Risk of Colorectal Cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) Cohort. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 291-301	4	23
96	Particulate matter air pollution components and risk for lung cancer. *Environment International*, **2016**, 87, 66-73	12.9	163
95	Detection of multiple mutations in urinary exfoliated cells from male bladder cancer patients at diagnosis and during follow-up. *Oncotarget*, **2016**, 7, 67435-67448	3.3	37

94	Double-strand break repair and colorectal cancer: gene variants within 3SUTRs and microRNAs binding as modulators of cancer risk and clinical outcome. *Oncotarget*, **2016**, 7, 23156-69	3.3	31
93	MicroRNA expression profiling in bladder cancer: the challenge of next-generation sequencing in tissues and biofluids. *International Journal of Cancer*, **2016**, 138, 2334-45	7.5	47
92	Alteration of amino acid and biogenic amine metabolism in hepatobiliary cancers: Findings from a prospective cohort study. *International Journal of Cancer*, **2016**, 138, 348-60	7.5	58
91	Soluble B-cell activation marker of sCD27 and sCD30 and future risk of B-cell lymphomas: A nested case-control study and meta-analyses. *International Journal of Cancer*, **2016**, 138, 2357-67	7.5	17
90	Environmental and personal determinants of the uptake of disinfection by-products during swimming. *Environmental Research*, **2016**, 149, 206-215	7.9	32
89	DNA and chromosomal damage in medical workers exposed to anaesthetic gases assessed by the lymphocyte cytokinesis-block micronucleus (CBMN) assay. A critical review. *Mutation Research - Reviews in Mutation Research*, **2016**, 770, 26-34	7	13
88	Genetic variation in the major mitotic checkpoint genes associated with chromosomal aberrations in healthy humans. *Cancer Letters*, **2016**, 380, 442-446	9.9	8
87	Sweet-beverage consumption and risk of pancreatic cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC). *American Journal of Clinical Nutrition*, **2016**, 104, 760-8	7	20
86	Flavonoid and lignan intake and pancreatic cancer risk in the European prospective investigation into cancer and nutrition cohort. *International Journal of Cancer*, **2016**, 139, 1480-92	7.5	14
85	Fruit and vegetable consumption in relation to hepatocellular carcinoma in a multi-centre, European cohort study. *British Journal of Cancer*, **2015**, 112, 1273-82	8.7	30
84	Differentially methylated microRNAs in prediagnostic samples of subjects who developed breast cancer in the European Prospective Investigation into Nutrition and Cancer (EPIC-Italy) cohort. *Carcinogenesis*, **2015**, 36, 1144-53	4.6	26
83	Interactions of DNA repair gene variants modulate chromosomal aberrations in healthy subjects. *Carcinogenesis*, **2015**, 36, 1299-306	4.6	21
82	The Association between Glyceraldehyde-Derived Advanced Glycation End-Products and Colorectal Cancer Risk. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1855-63	4	25
81	Polymorphisms in microRNA genes as predictors of clinical outcomes in colorectal cancer patients. *Carcinogenesis*, **2015**, 36, 82-6	4.6	44
80	Post-treatment recovery of suboptimal DNA repair capacity and gene expression levels in colorectal cancer patients. *Molecular Carcinogenesis*, **2015**, 54, 769-78	5	13
79	Body iron status and gastric cancer risk in the EURGAST study. *International Journal of Cancer*, **2015**, 137, 2904-14	7.5	16
78	ABO blood group alleles and prostate cancer risk: Results from the breast and prostate cancer cohort consortium (BPC3). *Prostate*, **2015**, 75, 1677-81	4.2	10
77	General and abdominal obesity and risk of esophageal and gastric adenocarcinoma in the European Prospective Investigation into Cancer and Nutrition. *International Journal of Cancer*, **2015**, 137, 646-57	7.5	57

76	Circulating miRNAs miR-34a and miR-150 associated with colorectal cancer progression. *BMC Cancer*, **2015**, 15, 329	4.8	67
75	Variation at ABO histo-blood group and FUT loci and diffuse and intestinal gastric cancer risk in a European population. *International Journal of Cancer*, **2015**, 136, 880-93	7.5	22
74	Hypomethylation of smoking-related genes is associated with future lung cancer in four prospective cohorts. *Nature Communications*, **2015**, 6, 10192	17.4	144
73	Plasma fetuin-A concentration, genetic variation in the AHSG gene and risk of colorectal cancer. *International Journal of Cancer*, **2015**, 137, 911-20	7.5	12
72	Elevated levels of 14-3-3 proteins, serotonin, gamma enolase and pyruvate kinase identified in clinical samples from patients diagnosed with colorectal cancer. *Clinica Chimica Acta*, **2015**, 441, 133-41	6.2	26
71	Metabolic gene variants associated with chromosomal aberrations in healthy humans. *Genes Chromosomes and Cancer*, **2015**, 54, 260-6	5	17
70	Selenium status is associated with colorectal cancer risk in the European prospective investigation of cancer and nutrition cohort. *International Journal of Cancer*, **2015**, 136, 1149-61	7.5	121
69	Healthy lifestyle index and risk of gastric adenocarcinoma in the EPIC cohort study. *International Journal of Cancer*, **2015**, 137, 598-606	7.5	68
68	Genotype and Haplotype Analyses of TP53 Gene in Breast Cancer Patients: Association with Risk and Clinical Outcomes. *PLoS ONE*, **2015**, 10, e0134463	3.7	14
67	Molecular characteristics of mismatch repair genes in sporadic colorectal tumors in Czech patients. *BMC Medical Genetics*, **2014**, 15, 17	2.1	5
66	Genetic variants in the IL1A gene region contribute to intestinal-type gastric carcinoma susceptibility in European populations. *International Journal of Cancer*, **2014**, 135, 1343-55	7.5	7
65	Genetic association of gastric cancer with miRNA clusters including the cancer-related genes MIR29, MIR25, MIR93 and MIR106: results from the EPIC-EURGAST study. *International Journal of Cancer*, **2014**, 135, 2065-76	7.5	44
64	Colorectal cancer risk and patientsSsurvival: influence of polymorphisms in genes somatically mutated in colorectal tumors. *Cancer Causes and Control*, **2014**, 25, 759-69	2.8	13
63	Leukocyte telomere length in relation to pancreatic cancer risk: a prospective study. *Cancer Epidemiology Biomarkers and Prevention*, **2014**, 23, 2447-54	4	27
62	MicroRNA expression in relation to different dietary habits: a comparison in stool and plasma samples. *Mutagenesis*, **2014**, 29, 385-91	2.8	35
61	Variations in mismatch repair genes and colorectal cancer risk and clinical outcome. *Mutagenesis*, **2014**, 29, 259-65	2.8	18
60	Weight change later in life and colon and rectal cancer risk in participants in the EPIC-PANACEA study. *American Journal of Clinical Nutrition*, **2014**, 99, 139-47	7	25
59	Inherited variability in a master regulator polymorphism (rs4846126) associates with survival in 5-FU treated colorectal cancer patients. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2014**, 766-767, 7-13	3.3	2

58	Single nucleotide polymorphisms within interferon signaling pathway genes are associated with colorectal cancer susceptibility and survival. *PLoS ONE*, **2014**, 9, e111061	3.7	19
57	Association between CASP8 -652 6N del polymorphism (rs3834129) and colorectal cancer risk: results from a multi-centric study. *PLoS ONE*, **2014**, 9, e85538	3.7	7
56	Combined impact of healthy lifestyle factors on colorectal cancer: a large European cohort study. *BMC Medicine*, **2014**, 12, 168	11.4	135
55	Post-GWAS gene-environment interplay in breast cancer: results from the Breast and Prostate Cancer Cohort Consortium and a meta-analysis on 79,000 women. *Human Molecular Genetics*, **2014**, 23, 5260-70	5.6	30
54	Prediagnostic circulating vitamin D levels and risk of hepatocellular carcinoma in European populations: a nested case-control study. *Hepatology*, **2014**, 60, 1222-30	11.2	75
53	Circulating biomarkers of tryptophan and the kynurenine pathway and lung cancer risk. *Cancer Epidemiology Biomarkers and Prevention*, **2014**, 23, 461-8	4	50
52	Mediterranean diet and colorectal cancer risk: results from a European cohort. *European Journal of Epidemiology*, **2013**, 28, 317-28	12.1	111
51	Autoantibodies to Ezrin are an early sign of pancreatic cancer in humans and in genetically engineered mouse models. *Journal of Hematology and Oncology*, **2013**, 6, 67	22.4	35
50	Variation within 3SUTRs of base excision repair genes and response to therapy in colorectal cancer patients: A potential modulation of microRNAs binding. *Clinical Cancer Research*, **2013**, 19, 6044-56	12.9	44
49	Genetic variants in C-type lectin genes are associated with colorectal cancer susceptibility and clinical outcome. *International Journal of Cancer*, **2013**, 133, 2325-33	7.5	20
48	Meta-analysis of mismatch repair polymorphisms within the cogent consortium for colorectal cancer susceptibility. *PLoS ONE*, **2013**, 8, e72091	3.7	18
47	Gene expression variations: potentialities of master regulator polymorphisms in colorectal cancer risk. *Mutagenesis*, **2012**, 27, 161-7	2.8	12
46	Differences in nucleotide excision repair capacity between newly diagnosed colorectal cancer patients and healthy controls. *Mutagenesis*, **2012**, 27, 225-32	2.8	27
45	Functional, genetic, and epigenetic aspects of base and nucleotide excision repair in colorectal carcinomas. *Clinical Cancer Research*, **2012**, 18, 5878-87	12.9	59
44	Shared ancestral susceptibility to colorectal cancer and other nutrition related diseases. *BMC Medical Genetics*, **2012**, 13, 94	2.1	4
43	Association of serum bilirubin and promoter variations in HMOX1 and UGT1A1 genes with sporadic colorectal cancer. *International Journal of Cancer*, **2012**, 131, 1549-55	7.5	50
42	Identification of candidate genes carrying polymorphisms associated with the risk of colorectal cancer by analyzing the colorectal mutome and microRNAome. *Cancer*, **2012**, 118, 4670-80	6.4	19
41	Polymorphisms in miRNA-binding sites of nucleotide excision repair genes and colorectal cancer risk. *Carcinogenesis*, **2012**, 33, 1346-51	4.6	53

40	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). *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 2138-48	4	15
39	Ancestral susceptibility to colorectal cancer. *Mutagenesis*, **2012**, 27, 197-204	2.8	2
38	A comprehensive investigation on common polymorphisms in the MDR1/ABCB1 transporter gene and susceptibility to colorectal cancer. *PLoS ONE*, **2012**, 7, e32784	3.7	27
37	MTHFR and MTRR genotype and haplotype analysis and colorectal cancer susceptibility in a case-control study from the Czech Republic. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2011**, 721, 74-80	3	40
36	5-Fluorouracil-based chemotherapy for colorectal cancer and MTHFR/MTRR genotypes. *British Journal of Clinical Pharmacology*, **2011**, 72, 162-3	3.8	52
35	Polymorphisms affecting micro-RNA regulation and associated with the risk of dietary-related cancers: a review from the literature and new evidence for a functional role of rs17281995 (CD86) and rs1051690 (INSR), previously associated with colorectal cancer. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2011**, 717, 103-15	3.3	43
34	Variation in the vitamin D receptor gene is not associated with risk of colorectal cancer in the Czech Republic. *Journal of Gastrointestinal Cancer*, **2011**, 42, 149-54	1.6	20
33	DNA damage and nucleotide excision repair capacity in healthy individuals. *Environmental and Molecular Mutagenesis*, **2011**, 52, 511-7	3.2	36
32	DNA damage, DNA repair rates and mRNA expression levels of cell cycle genes (TP53, p21(CDKN1A), BCL2 and BAX) with respect to occupational exposure to styrene. *Carcinogenesis*, **2011**, 32, 74-9	4.6	5
31	Association between TAS2R38 gene polymorphisms and colorectal cancer risk: a case-control study in two independent populations of Caucasian origin. *PLoS ONE*, **2011**, 6, e20464	3.7	57
30	Polymorphisms in CTNNBL1 in relation to colorectal cancer with evolutionary implications. *International Journal of Molecular Epidemiology and Genetics*, **2011**, 2, 36-50	0.9	2
29	Chromosomal damage in peripheral blood lymphocytes of newly diagnosed cancer patients and healthy controls. *Carcinogenesis*, **2010**, 31, 1238-41	4.6	39
28	Genome-wide association study for colorectal cancer identifies risk polymorphisms in German familial cases and implicates MAPK signalling pathways in disease susceptibility. *Carcinogenesis*, **2010**, 31, 1612-9	4.6	48
27	Genetic variants in selenoprotein genes increase risk of colorectal cancer. *Carcinogenesis*, **2010**, 31, 1074-9	4.6	108
26	Association between exposure-relevant polymorphisms in CYP1B1, EPHX1, NQO1, GSTM1, GSTP1 and GSTT1 and risk of colorectal cancer in a Czech population. *Oncology Reports*, **2010**, 24, 1347-53	3.5	36
25	Modulation of DNA repair capacity and mRNA expression levels of XRCC1, hOGG1 and XPC genes in styrene-exposed workers. *Toxicology and Applied Pharmacology*, **2010**, 248, 194-200	4.6	22
24	Polymorphisms of genes coding for ghrelin and its receptor in relation to colorectal cancer risk: a two-step gene-wide case-control study. *BMC Gastroenterology*, **2010**, 10, 112	3	21
23	A gene-wide investigation on polymorphisms in the taste receptor 2R14 (TAS2R14) and susceptibility to colorectal cancer. *BMC Medical Genetics*, **2010**, 11, 88	2.1	21

22	Genetic variation in adipokine genes and risk of colorectal cancer. *European Journal of Endocrinology*, **2009**, 160, 933-40	6.5	63
21	NBN 657del5 heterozygous mutations and colorectal cancer risk in the Czech Republic. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2009**, 666, 64-7	3.3	16
20	Biomarkers of nucleic acid oxidation, polymorphism in, and expression of, hOGG1 gene in styrene-exposed workers. *Toxicology Letters*, **2009**, 190, 41-7	4.4	32
19	Do GST polymorphisms modulate the frequency of chromosomal aberrations in healthy subjects?. *Environmental Health Perspectives*, **2009**, 117, A384-5; author reply A385	8.4	7
18	A genome-wide association study identifies colorectal cancer susceptibility loci on chromosomes 10p14 and 8q23.3. *Nature Genetics*, **2008**, 40, 623-30	36.3	463
17	Chromosomal aberrations in tire plant workers and interaction with polymorphisms of biotransformation and DNA repair genes. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2008**, 641, 36-42	3.3	23
16	Refinement of the basis and impact of common 11q23.1 variation to the risk of developing colorectal cancer. *Human Molecular Genetics*, **2008**, 17, 3720-7	5.6	57
15	A gene-wide investigation on polymorphisms in the ABCG2/BRCP transporter and susceptibility to colorectal cancer. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2008**, 645, 56-60	3.3	28
14	Polymorphisms within micro-RNA-binding sites and risk of sporadic colorectal cancer. *Carcinogenesis*, **2008**, 29, 579-84	4.6	221
13	Association of DNA repair polymorphisms with DNA repair functional outcomes in healthy human subjects. *Carcinogenesis*, **2007**, 28, 657-64	4.6	147
12	Insulin pathway related genes and risk of colorectal cancer: INSR promoter polymorphism shows a protective effect. *Endocrine-Related Cancer*, **2007**, 14, 733-40	5.7	32
11	Sporadic colorectal cancer and individual susceptibility: a review of the association studies investigating the role of DNA repair genetic polymorphisms. *Mutation Research - Reviews in Mutation Research*, **2007**, 635, 118-145	7	63
10	Genetic polymorphisms and possible gene-gene interactions in metabolic and DNA repair genes: effects on DNA damage. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2006**, 593, 22-31	3.3	29
9	Styrene metabolism, genotoxicity, and potential carcinogenicity. *Drug Metabolism Reviews*, **2006**, 38, 805-53	7	47
8	Micronuclei, DNA single-strand breaks and DNA-repair activity in mice exposed to 1,3-butadiene by inhalation. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2006**, 608, 49-57	3	14
7	Cytogenetic biomarkers, urinary metabolites and metabolic gene polymorphisms in workers exposed to styrene. *Pharmacogenetics and Genomics*, **2006**, 16, 87-99	1.9	23
6	Cytogenetic markers, DNA single-strand breaks, urinary metabolites, and DNA repair rates in styrene-exposed lamination workers. *Environmental Health Perspectives*, **2004**, 112, 867-71	8.4	65
5	Markers of individual susceptibility and DNA repair rate in workers exposed to xenobiotics in a tire plant. *Environmental and Molecular Mutagenesis*, **2004**, 44, 283-92	3.2	70

4	Genetic polymorphisms in DNA repair genes and possible links with DNA repair rates, chromosomal aberrations and single-strand breaks in DNA. *Carcinogenesis*, **2004**, 25, 757-63	4.6	198
3	Sperm-FISH analysis and human monitoring: a study on workers occupationally exposed to styrene. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2003**, 537, 131-40	3	33
2	Induction of DNA strand breaks by trihalomethanes in primary human lung epithelial cells. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2003**, 538, 41-50	3	31
1	Assessment of sperm DNA integrity in workers exposed to styrene. *Human Reproduction*, **2002**, 17, 2912-8	3.7	45