Alessio Naccarati

List of Publications by Year
in descending order

168 papers	9,456 citations	47006 47 h-index	49909 87 g-index
172 all docs	172 docs citations	172 times ranked	15704 citing authors

#	Article	IF	Citations
1	Meta-analysis of fecal metagenomes reveals global microbial signatures that are specific for colorectal cancer. Nature Medicine, 2019, 25, 679-689.	30.7	734
2	Metagenomic analysis of colorectal cancer datasets identifies cross-cohort microbial diagnostic signatures and a link with choline degradation. Nature Medicine, 2019, 25, 667-678.	30.7	602
3	A genome-wide association study identifies colorectal cancer susceptibility loci on chromosomes 10p14 and 8q23.3. Nature Genetics, 2008, 40, 623-630.	21.4	514
4	Discovery of common and rare genetic risk variants for colorectal cancer. Nature Genetics, 2019, 51, 76-87.	21.4	377
5	Polymorphisms within micro-RNA-binding sites and risk of sporadic colorectal cancer. Carcinogenesis, 2007, 29, 579-584.	2.8	257
6	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.	11.0	229
7	Particulate matter air pollution components and risk for lung cancer. Environment International, 2016, 87, 66-73.	10.0	219
8	Genetic polymorphisms in DNA repair genes and possible links with DNA repair rates, chromosomal aberrations and single-strand breaks in DNA. Carcinogenesis, 2003, 25, 757-763.	2.8	218
9	Hypomethylation of smoking-related genes is associated with future lung cancer in four prospective cohorts. Nature Communications, 2015, 6, 10192.	12.8	197
10	Combined impact of healthy lifestyle factors on colorectal cancer: a large European cohort study. BMC Medicine, 2014, 12, 168.	5.5	178
11	Association of DNA repair polymorphisms with DNA repair functional outcomes in healthy human subjects. Carcinogenesis, 2006, 28, 657-664.	2.8	174
12	Selenium status is associated with colorectal cancer risk in the European prospective investigation of cancer and nutrition cohort. International Journal of Cancer, 2015, 136, 1149-1161.	5.1	161
13	Mediterranean diet and colorectal cancer risk: results from a European cohort. European Journal of Epidemiology, 2013, 28, 317-328.	5.7	136
14	MicroRNAs as markers of progression in cervical cancer: a systematic review. BMC Cancer, 2018, 18, 696.	2.6	135
15	Genetic variants in selenoprotein genes increase risk of colorectal cancer. Carcinogenesis, 2010, 31, 1074-1079.	2.8	131
16	DNA methylation and exposure to ambient air pollution in two prospective cohorts. Environment International, 2017, 108, 127-136.	10.0	110
17	Healthy lifestyle index and risk of gastric adenocarcinoma in the EPIC cohort study. International Journal of Cancer, 2015, 137, 598-606.	5.1	104
18	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.	2.8	94

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19	Prediagnostic circulating vitamin D levels and risk of hepatocellular carcinoma in European populations: A nested case-control study. Hepatology, 2014, 60, 1222-1230.	7.3	91
20	Oxidative stress and inflammation mediate the effect of air pollution on cardioâ€•and cerebrovascular disease: A prospective study in nonsmokers. Environmental and Molecular Mutagenesis, 2018, 59, 234-246.	2.2	88
21	5â€Fluorouracilâ€based chemotherapy for colorectal cancer and MTHFR/MTRR genotypes. British Journal of Clinical Pharmacology, 2011, 72, 162-163.	2.4	85
22	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, 646-657.	5.1	79
23	Circulating miRNAs miR-34a and miR-150 associated with colorectal cancer progression. BMC Cancer, 2015, 15, 329.	2.6	77
24	Alteration of amino acid and biogenic amine metabolism in hepatobiliary cancers: Findings from a prospective cohort study. International Journal of Cancer, 2016, 138, 348-360.	5.1	77
25	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.	2.5	77
26	Land Use Regression Models for Ultrafine Particles in Six European Areas. Environmental Science & Technology, 2017, 51, 3336-3345.	10.0	75
27	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.	4.4	74
28	Markers of individual susceptibility and DNA repair rate in workers exposed to xenobiotics in a tire plant. Environmental and Molecular Mutagenesis, 2004, 44, 283-292.	2.2	73
29	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. Environment International, 2018, 119, 334-345.	10.0	73
30	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.	5.5	72
31	Cytogenetic markers, DNA single-strand breaks, urinary metabolites, and DNA repair rates in styrene-exposed lamination workers.. Environmental Health Perspectives, 2004, 112, 867-871.	6.0	70
32	Association of serum bilirubin and promoter variations in HMOX1 and UGT1A1 genes with sporadic colorectal cancer. International Journal of Cancer, 2012, 131, 1549-1555.	5.1	70
33	Genetic variation in adipokine genes and risk of colorectal cancer. European Journal of Endocrinology, 2009, 160, 933-940.	3.7	67
34	Functional, Genetic, and Epigenetic Aspects of Base and Nucleotide Excision Repair in Colorectal Carcinomas. Clinical Cancer Research, 2012, 18, 5878-5887.	7.0	66
35	Circulating Biomarkers of Tryptophan and the Kynurenine Pathway and Lung Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 461-468.	2.5	66
36	microRNA profiles in urine by next-generation sequencing can stratify bladder cancer subtypes. Oncotarget, 2018, 9, 20658-20669.	1.8	63

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37	Styrene Metabolism, Genotoxicity, and Potential Carcinogenicity. Drug Metabolism Reviews, 2006, 38, 805-853.	3.6	61
38	Refinement of the basis and impact of common 11q23.1 variation to the risk of developing colorectal cancer. Human Molecular Genetics, 2008, 17, 3720-3727.	2.9	61
39	Polymorphisms in miRNA-binding sites of nucleotide excision repair genes and colorectal cancer risk. Carcinogenesis, 2012, 33, 1346-1351.	2.8	59
40	Altered Fecal Small RNA Profiles in Colorectal Cancer Reflect Gut Microbiome Composition in Stool Samples. MSystems, 2019, 4, .	3.8	59
41	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, 1612-1619.	2.8	57
42	Variation within 3â€²-UTRs of Base Excision Repair Genes and Response to Therapy in Colorectal Cancer Patients: A Potential Modulation of microRNAs Binding. Clinical Cancer Research, 2013, 19, 6044-6056.	7.0	56
43	MicroRNA expression in relation to different dietary habits: a comparison in stool and plasma samples. Mutagenesis, 2014, 29, 385-391.	2.6	56
44	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.	1.8	56
45	Micro<scp>RNA</scp> expression profiling in bladder cancer: the challenge of nextâ€generation sequencing in tissues and biofluids. International Journal of Cancer, 2016, 138, 2334-2345.	5.1	55
46	Detection of multiple mutations in urinary exfoliated cells from male bladder cancer patients at diagnosis and during follow-up. Oncotarget, 2016, 7, 67435-67448.	1.8	55
47	Assessment of sperm DNA integrity in workers exposed to styrene. Human Reproduction, 2002, 17, 2912-2918.	0.9	54
48	Exposure to bacterial products lipopolysaccharide and flagellin and hepatocellular carcinoma: a nested case-control study. BMC Medicine, 2017, 15, 72.	5.5	49
49	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, 109-115.	1.0	48
50	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.	3.9	48
51	Plasma microRNAs as biomarkers of pancreatic cancer risk in a prospective cohort study. International Journal of Cancer, 2017, 141, 905-915.	5.1	48
52	Acute changes in DNA methylation in relation to 24â€¯h personal air pollution exposure measurements: A panel study in four European countries. Environment International, 2018, 120, 11-21.	10.0	48
53	DNA damage and nucleotide excision repair capacity in healthy individuals. Environmental and Molecular Mutagenesis, 2011, 52, 511-517.	2.2	47
54	Genetic association of gastric cancer with miRNA clusters including the cancerâ€related genes MIR29, MIR25, MIR93 and MIR106: Results from the EPICâ€EURGAST study. International Journal of Cancer, 2014, 135, 2065-2076.	5.1	47

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55	Polymorphisms in microRNA genes as predictors of clinical outcomes in colorectal cancer patients. Carcinogenesis, 2015, 36, 82-86.	2.8	47
56	MTHFR and MTRR genotype and haplotype analysis and colorectal cancer susceptibility in a caseâ€“control study from the Czech Republic. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 721, 74-80.	1.7	46
57	Identification of plasma microRNAs as new potential biomarkers with high diagnostic power in human cutaneous melanoma. Tumor Biology, 2017, 39, 101042831770164.	1.8	45
58	Metabolic perturbations prior to hepatocellular carcinoma diagnosis: Findings from a prospective observational cohort study. International Journal of Cancer, 2021, 148, 609-625.	5.1	45
59	CA19â€9 and apolipoproteinâ€A2 isoforms as detection markers for pancreatic cancer: a prospective evaluation. International Journal of Cancer, 2019, 144, 1877-1887.	5.1	44
60	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.	2.6	43
61	Chromosomal damage in peripheral blood lymphocytes of newly diagnosed cancer patients and healthy controls. Carcinogenesis, 2010, 31, 1238-1241.	2.8	43
62	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.	17.0	42
63	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.	1.0	41
64	Circulating Osteopontin and Prediction of Hepatocellular Carcinoma Development in a Large European Population. Cancer Prevention Research, 2016, 9, 758-765.	1.5	41
65	Fruit and vegetable consumption in relation to hepatocellular carcinoma in a multi-centre, European cohort study. British Journal of Cancer, 2015, 112, 1273-1282.	6.4	40
66	DNA repair and cancer in colon and rectum: Novel players in genetic susceptibility. International Journal of Cancer, 2020, 146, 363-372.	5.1	40
67	Double-strand break repair and colorectal cancer: gene variants within 3â€² UTRs and microRNAs binding as modulators of cancer risk and clinical outcome. Oncotarget, 2016, 7, 23156-23169.	1.8	40
68	Insulin pathway related genes and risk of colorectal cancer: INSR promoter polymorphism shows a protective effect. Endocrine-Related Cancer, 2007, 14, 733-740.	3.1	39
69	Environmental and personal determinants of the uptake of disinfection by-products during swimming. Environmental Research, 2016, 149, 206-215.	7.5	39
70	Stool microRNA profiles reflect different dietary and gut microbiome patterns in healthy individuals. Gut, 2022, 71, 1302-1314.	12.1	39
71	Induction of DNA strand breaks by trihalomethanes in primary human lung epithelial cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 538, 41-50.	1.7	38
72	Prospective association of liver function biomarkers with development of hepatobiliary cancers. Cancer Epidemiology, 2016, 40, 179-187.	1.9	38

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73	Post-GWAS geneâ€“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, 5260-5270.	2.9	37
74	Leukocyte Telomere Length in Relation to Pancreatic Cancer Risk: A Prospective Study. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2447-2454.	2.5	36
75	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, 1144-1153.	2.8	36
76	Increased micronucleus frequency in peripheral blood lymphocytes predicts the risk of bladder cancer. British Journal of Cancer, 2017, 116, 202-210.	6.4	36
77	Sperm-FISH analysis and human monitoring: a study on workers occupationally exposed to styrene. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 537, 131-140.	1.7	35
78	Genetic polymorphisms and possible geneâ€“gene interactions in metabolic and DNA repair genes: Effects on DNA damage. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 593, 22-31.	1.0	35
79	Biomarkers of nucleic acid oxidation, polymorphism in, and expression of, hOGG1 gene in styrene-exposed workers. Toxicology Letters, 2009, 190, 41-47.	0.8	35
80	Differences in nucleotide excision repair capacity between newly diagnosed colorectal cancer patients and healthy controls. Mutagenesis, 2012, 27, 225-232.	2.6	35
81	Land use regression models for the oxidative potential of fine particles (PM 2.5) in five European areas. Environmental Research, 2018, 160, 247-255.	7.5	35
82	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, 139-147.	4.7	33
83	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, 1507.	3.7	33
84	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.	3.5	32
85	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, 760-768.	4.7	31
86	The Association between Glyceraldehyde-Derived Advanced Glycation End-Products and Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1855-1863.	2.5	30
87	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, 316-325.	2.3	30
88	A Comprehensive Investigation on Common Polymorphisms in the MDR1/ABCB1 Transporter Gene and Susceptibility to Colorectal Cancer. PLoS ONE, 2012, 7, e32784.	2.5	30
89	Single Nucleotide Polymorphisms within Interferon Signaling Pathway Genes Are Associated with Colorectal Cancer Susceptibility and Survival. PLoS ONE, 2014, 9, e111061.	2.5	29
90	Exosomal microRNAs and other non-coding RNAs as colorectal cancer biomarkers: a review. Mutagenesis, 2020, 35, 243-260.	2.6	29

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91	Genetic variants in Câ€type lectin genes are associated with colorectal cancer susceptibility and clinical outcome. International Journal of Cancer, 2013, 133, 2325-2333.	5.1	28
92	Body iron status and gastric cancer risk in the <scp>EURGAST</scp> study. International Journal of Cancer, 2015, 137, 2904-2914.	5.1	28
93	Variation at ABO histoâ€blood group and FUT loci and diffuse and intestinal gastric cancer risk in a European population. International Journal of Cancer, 2015, 136, 880-893.	5.1	28
94	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, 133-141.	1.1	28
95	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.	2.5	28
96	Cytogenetic biomarkers, urinary metabolites and metabolic gene polymorphisms in workers exposed to styrene. Pharmacogenetics and Genomics, 2006, 16, 87-99.	1.5	27
97	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.	1.0	26
98	Exposure to disinfection by-products in swimming pools and biomarkers of genotoxicity and respiratory damage â€“ The PISCINA2 Study. Environment International, 2019, 131, 104988.	10.0	26
99	Combined miRNA and SERS urine liquid biopsy for the point-of-care diagnosis and molecular stratification of bladder cancer. Molecular Medicine, 2022, 28, 39.	4.4	26
100	Circulating microRNAs combined with PSA for accurate and non-invasive prostate cancer detection. Carcinogenesis, 2019, 40, 246-253.	2.8	25
101	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, 149-154.	1.3	24
102	Interactions of DNA repair gene variants modulate chromosomal aberrations in healthy subjects. Carcinogenesis, 2015, 36, 1299-1306.	2.8	24
103	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.	2.8	23
104	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.	2.0	23
105	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	23
106	Soluble Bâ€cell activation marker of sCD27 and sCD30 and future risk of Bâ€cell lymphomas: A nested caseâ€control study and metaâ€analyses. International Journal of Cancer, 2016, 138, 2357-2367.	5.1	23
107	Helicobacter pylori infection, chronic corpus atrophic gastritis and pancreatic cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort: A nested caseâ€control study. International Journal of Cancer, 2017, 140, 1727-1735.	5.1	23
108	Polymorphisms in microRNA binding sites of mucin genes as predictors of clinical outcome in colorectal cancer patients. Carcinogenesis, 2017, 38, 28-39.	2.8	23

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109	ExpoApp: An integrated system to assess multiple personal environmental exposures. Environment International, 2019, 126, 494-503.	10.0	23
110	Cys34 Adductomics Links Colorectal Cancer with the Gut Microbiota and Redox Biology. Cancer Research, 2019, 79, 6024-6031.	0.9	23
111	Association of Selenoprotein and Selenium Pathway Genotypes with Risk of Colorectal Cancer and Interaction with Selenium Status. Nutrients, 2019, 11, 935.	4.1	22
112	Untargeted lipidomic features associated with colorectal cancer in a prospective cohort. BMC Cancer, 2018, 18, 996.	2.6	21
113	Identification of candidate genes carrying polymorphisms associated with the risk of colorectal cancer by analyzing the colorectal mutome and microRNAome. Cancer, 2012, 118, 4670-4680.	4.1	20
114	Variations in mismatch repair genes and colorectal cancer risk and clinical outcome. Mutagenesis, 2014, 29, 259-265.	2.6	20
115	Plasma fetuin-A concentration, genetic variation in theAHSGgene and risk of colorectal cancer. International Journal of Cancer, 2015, 137, 911-920.	5.1	20
116	MicroRNA-binding site polymorphisms in genes involved in colorectal cancer etiopathogenesis and their impact on disease prognosis. Mutagenesis, 2017, 32, 533-542.	2.6	20
117	Investigation of single and synergic effects of NLRC5 and PD-L1 variants on the risk of colorectal cancer. PLoS ONE, 2018, 13, e0192385.	2.5	20
118	Functional Polymorphisms in DNA Repair Genes Are Associated with Sporadic Colorectal Cancer Susceptibility and Clinical Outcome. International Journal of Molecular Sciences, 2019, 20, 97.	4.1	20
119	Metabolic gene variants associated with chromosomal aberrations in healthy humans. Genes Chromosomes and Cancer, 2015, 54, 260-266.	2.8	19
120	Flavonoid and lignan intake and pancreatic cancer risk in the European prospective investigation into cancer and nutrition cohort. International Journal of Cancer, 2016, 139, 1480-1492.	5.1	19
121	Genetic variation of acquired structural chromosomal aberrations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 836, 13-21.	1.7	19
122	Meta-Analysis of Mismatch Repair Polymorphisms within the Cogent Consortium for Colorectal Cancer Susceptibility. PLoS ONE, 2013, 8, e72091.	2.5	19
123	Genotype and Haplotype Analyses of TP53 Gene in Breast Cancer Patients: Association with Risk and Clinical Outcomes. PLoS ONE, 2015, 10, e0134463.	2.5	19
124	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.	2.5	18
125	microRNA expression profiles and personal monitoring of exposure to particulate matter. Environmental Pollution, 2020, 263, 114392.	7.5	18
126	NBN 657del5 heterozygous mutations and colorectal cancer risk in the Czech Republic. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 666, 64-67.	1.0	17

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127	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.	7.5	17
128	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, 2138-2148.	2.5	16
129	Post-treatment recovery of suboptimal DNA repair capacity and gene expression levels in colorectal cancer patients. Molecular Carcinogenesis, 2015, 54, 769-778.	2.7	16
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.	7.5	16
131	Plasma concentrations of persistent organic pollutants and pancreatic cancer risk. International Journal of Epidemiology, 2022, 51, 479-490.	1.9	16
132	Faecal miRNA profiles associated with age, sex, BMI, and lifestyle habits in healthy individuals. Scientific Reports, 2021, 11, 20645.	3.3	16
133	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.	1.7	15
134	Colorectal cancer risk and patientsâ€™ survival: influence of polymorphisms in genes somatically mutated in colorectal tumors. Cancer Causes and Control, 2014, 25, 759-769.	1.8	15
135	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.	5.5	15
136	ABO blood group alleles and prostate cancer risk: Results from the breast and prostate cancer cohort consortium (BPC3). Prostate, 2015, 75, 1677-1681.	2.3	14
137	The Inhibitory Role of miR-486-5p on CSC Phenotype Has Diagnostic and Prognostic Potential in Colorectal Cancer. Cancers, 2020, 12, 3432.	3.7	14
138	The use of silicone wristbands to evaluate personal exposure to semi-volatile organic chemicals (SVOCs) in France and Italy. Environmental Pollution, 2020, 267, 115490.	7.5	14
139	Gene expression variations: potentialities of master regulator polymorphisms in colorectal cancer risk. Mutagenesis, 2012, 27, 161-167.	2.6	13
140	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, 123-149.	1.6	13
141	Evaluating Ultra-long-Chain Fatty Acids as Biomarkers of Colorectal Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1216-1223.	2.5	13
142	Fecal microRNAs as non-invasive biomarkers for the detection of colorectal cancer: a systematic review. Minerva Biotecnologica, 2019, 31, .	1.2	13
143	Genetic variation in the major mitotic checkpoint genes associated with chromosomal aberrations in healthy humans. Cancer Letters, 2016, 380, 442-446.	7.2	12
144	Agnostic Cys34â€albumin adductomics and DNA methylation: Implication of Nâ€acetylcysteine in lung carcinogenesis years before diagnosis. International Journal of Cancer, 2020, 146, 3294-3303.	5.1	12

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145	DNA Mismatch Repair Gene Variants in Sporadic Solid Cancers. International Journal of Molecular Sciences, 2020, 21, 5561.	4.1	12
146	Genetic variants in theIL1Agene region contribute to intestinal-type gastric carcinoma susceptibility in European populations. International Journal of Cancer, 2014, 135, 1343-1355.	5.1	11
147	Analysis of MicroRNA Expression Changes During the Course of Therapy In Rectal Cancer Patients. Frontiers in Oncology, 2021, 11, 702258.	2.8	11
148	Epistatic effect of TLR3 and cGASâ€STINGâ€IKKÎµâ€TBK1â€IFN signaling variants on colorectal cancer risk. Cancer Medicine, 2020, 9, 1473-1484.	2.8	10
149	Comparison of fecal sample collection methods for microbial analysis embedded within colorectal cancer screening programs. Cancer Epidemiology Biomarkers and Prevention, 2021, , cebp.0188.2021.	2.5	10
150	Association between CASP8 â€“652 6N Del Polymorphism (rs3834129) and Colorectal Cancer Risk: Results from a Multi-Centric Study. PLoS ONE, 2014, 9, e85538.	2.5	8
151	Molecular characteristics of mismatch repair genes in sporadic colorectal tumors in Czech patients. BMC Medical Genetics, 2014, 15, 17.	2.1	8
152	Do GST Polymorphisms Modulate the Frequency of Chromosomal Aberrations in Healthy Subjects?. Environmental Health Perspectives, 2009, 117, A384-5; author reply A385.	6.0	7
153	DNA damage, DNA repair rates and mRNA expression levels of cell cycle genes (TP53, p21CDKN1A, BCL2) Tj ETQq1 1 0.784314 rgBT /O	2.8	7
154	Associations between modeled residential outdoor and measured personal exposure to ultrafine particles in four European study areas. Atmospheric Environment, 2020, 226, 117353.	4.1	7
155	Soluble Receptor for Advanced Glycation End-products (sRAGE) and Colorectal Cancer Risk: A Caseâ€Control Study Nested within a European Prospective Cohort. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 182-192.	2.5	7
156	Shared ancestral susceptibility to colorectal cancer and other nutrition related diseases. BMC Medical Genetics, 2012, 13, 94.	2.1	6
157	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.	1.6	6
158	Coding variants in NOD-like receptors: An association study on risk and survival of colorectal cancer. PLoS ONE, 2018, 13, e0199350.	2.5	6
159	Genetic variations in microRNA-binding sites of solute carrier transporter genes as predictors of clinical outcome in colorectal cancer. Carcinogenesis, 2021, 42, 378-394.	2.8	6
160	Genetic variations in 3â€²UTRs ofSMUG1andNEIL2genes modulate breast cancer risk, survival and therapy response. Mutagenesis, 2021, 36, 269-279.	2.6	5
161	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.	2.6	5
162	Ancestral susceptibility to colorectal cancer. Mutagenesis, 2012, 27, 197-204.	2.6	2

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163	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.	1.0	2
164	Expression quantitative trait loci in ABC transporters are associated with survival in 5-FU treated colorectal cancer patients. Mutagenesis, 2020, 35, 273-281.	2.6	2
165	Polymorphisms in CTNNBL1 in relation to colorectal cancer with evolutionary implications. International Journal of Molecular Epidemiology and Genetics, 2011, 2, 36-50.	0.4	2
166	Genetic variation in adipokine genes and risk of colorectal cancer. European Journal of Endocrinology, 2009, 161, 211.	3.7	1
167	The Non-Coding RNA Journal Club: Highlights on Recent Papersâ€”11. Non-coding RNA, 2022, 8, 31.	2.6	1
168	Micronucleus Assay for Assessing Chromosomal Damage in Medical Workers Exposed to Anaesthetic Gases. Issues in Toxicology, 2019, , 618-635.	0.1	0