Pavel Erik VodiÄka

List of Publications by Year
in descending order

229	10,115	43973	54797
papers	citations	48 h-index	84 g-index

237	237	237	12727
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Associations Between Glycemic Traits and Colorectal Cancer: A Mendelian Randomization Analysis. Journal of the National Cancer Institute, 2022, 114, 740-752.	3.0	35
2	Circulating microRNA: Searching for new players in assessment of therapy response in colorectal cancer patients.. Journal of Clinical Oncology, 2022, 40, 183-183.	0.8	0
3	A pooled analysis of molecular epidemiological studies on modulation of DNA repair by host factors. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 876-877, 503447.	0.9	2
4	Mutational analysis of driver genes defines the colorectal adenoma: in situ carcinoma transition. Scientific Reports, 2022, 12, 2570.	1.6	5
5	Genome-wide meta-analysis of monoclonal gammopathy of undetermined significance (MGUS) identifies risk loci impacting IRF-6. Blood Cancer Journal, 2022, 12, 60.	2.8	2
6	Beyond GWAS of Colorectal Cancer: Evidence of Interaction with Alcohol Consumption and Putative Causal Variant for the 10q24.2 Region. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1077-1089.	1.1	6
7	Genetic Susceptibility in Understanding of Pancreatic Ductal Adenocarcinoma Risk: A Decade-Long Effort of the PANDORA Consortium. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 942-948.	1.1	0
8	Oxidative Damage in Sporadic Colorectal Cancer: Molecular Mapping of Base Excision Repair Glycosylases MUTYH and hOGG1 in Colorectal Cancer Patients. International Journal of Molecular Sciences, 2022, 23, 5704.	1.8	3
9	Abstract 2316: Malignant potential of colorectal adenoma based on the telomere length. Cancer Research, 2022, 82, 2316-2316.	0.4	0
10	The Associations of Selenoprotein Genetic Variants with the Risks of Colorectal Adenoma and Colorectal Cancer: Caseâ€“Control Studies in Irish and Czech Populations. Nutrients, 2022, 14, 2718.	1.7	5
11	Polygenic and multifactorial scores for pancreatic ductal adenocarcinoma risk prediction. Journal of Medical Genetics, 2021, 58, 369-377.	1.5	31
12	Identifying Novel Susceptibility Genes for Colorectal Cancer Risk From a Transcriptome-Wide Association Study of 125,478 Subjects. Gastroenterology, 2021, 160, 1164-1178.e6.	0.6	36
13	The Interactions of DNA Repair, Telomere Homeostasis, and p53 Mutational Status in Solid Cancers: Risk, Prognosis, and Prediction. Cancers, 2021, 13, 479.	1.7	20
14	Genomeâ€wide scan of long noncoding <scp>RNA</scp> single nucleotide polymorphism<scp>s</scp> and pancreatic cancer susceptibility. International Journal of Cancer, 2021, 148, 2779-2788.	2.3	23
15	Genetic architectures of proximal and distal colorectal cancer are partly distinct. Gut, 2021, 70, 1325-1334.	6.1	44
16	Response to Li and Hopper. American Journal of Human Genetics, 2021, 108, 527-529.	2.6	5
17	Polymorphisms within Autophagy-Related Genes Influence the Risk of Developing Colorectal Cancer: A Meta-Analysis of Four Large Cohorts. Cancers, 2021, 13, 1258.	1.7	3
18	Two-Sample Mendelian Randomization Analysis of Associations Between Periodontal Disease and Risk of Cancer. JNCI Cancer Spectrum, 2021, 5, pkab037.	1.4	7

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19	Non-Coding RNAs as Biomarkers of Tumor Progression and Metastatic Spread in Epithelial Ovarian Cancer. Cancers, 2021, 13, 1839.	1.7	11
20	Lack of association of CD44-rs353630 and CHI3L2-rs684559 with pancreatic ductal adenocarcinoma survival. Scientific Reports, 2021, 11, 7570.	1.6	2
21	DNA repair gene polymorphisms and chromosomal aberrations in healthy, nonsmoking population. DNA Repair, 2021, 101, 103079.	1.3	3
22	Genetic variations in 3â€²UTRs ofSMUG1andNEIL2genes modulate breast cancer risk, survival and therapy response. Mutagenesis, 2021, 36, 269-279.	1.0	5
23	DNA Repair Gene Polymorphisms and Chromosomal Aberrations in Exposed Populations. Frontiers in Genetics, 2021, 12, 691947.	1.1	3
24	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.	1.0	5
25	Associations between pancreatic expression quantitative traits and risk of pancreatic ductal adenocarcinoma. Carcinogenesis, 2021, 42, 1037-1045.	1.3	14
26	Association of Genetic Variants Affecting microRNAs and Pancreatic Cancer Risk. Frontiers in Genetics, 2021, 12, 693933.	1.1	10
27	Analysis of MicroRNA Expression Changes During the Course of Therapy In Rectal Cancer Patients. Frontiers in Oncology, 2021, 11, 702258.	1.3	11
28	Genetic Polymorphisms Involved in Mitochondrial Metabolism and Pancreatic Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2342-2345.	1.1	4
29	Genetic variations in microRNA-binding sites of solute carrier transporter genes as predictors of clinical outcome in colorectal cancer. Carcinogenesis, 2021, 42, 378-394.	1.3	6
30	A Combined Proteomics and Mendelian Randomization Approach to Investigate the Effects of Aspirin-Targeted Proteins on Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 564-575.	1.1	10
31	Association of circulating short chain fatty acid levels with colorectal adenomas and colorectal cancer. Clinical Nutrition ESPEN, 2021, 46, 297-304.	0.5	10
32	Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. Nutrients, 2021, 13, 4164.	1.7	3
33	Identification of Recessively Inherited Genetic Variants Potentially Linked to Pancreatic Cancer Risk. Frontiers in Oncology, 2021, 11, 771312.	1.3	8
34	DNA repair and cancer in colon and rectum: Novel players in genetic susceptibility. International Journal of Cancer, 2020, 146, 363-372.	2.3	40
35	Eight novel loci implicate shared genetic etiology in multiple myeloma, AL amyloidosis, and monoclonal gammopathy of unknown significance. Leukemia, 2020, 34, 1187-1191.	3.3	13
36	Expression quantitative trait loci in ABC transporters are associated with survival in 5-FU treated colorectal cancer patients. Mutagenesis, 2020, 35, 273-281.	1.0	2

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37	Cumulative Burden of Colorectal Cancerâ€“Associated Genetic Variants Is More Strongly Associated With Early-Onset vs Late-Onset Cancer. Gastroenterology, 2020, 158, 1274-1286.e12.	0.6	110
38	Circulating Levels of Insulin-like Growth Factor 1 and Insulin-like Growth Factor Binding Protein 3 Associate With Risk of Colorectal Cancer Based on Serologic and Mendelian Randomization Analyses. Gastroenterology, 2020, 158, 1300-1312.e20.	0.6	90
39	Epistatic effect of TLR3 and cGASâ€STINGâ€IKKÎµâ€TBK1â€IFN signaling variants on colorectal cancer risk. Cancer Medicine, 2020, 9, 1473-1484.	1.3	10
40	Identification of Novel Loci and New Risk Variant in Known Loci for Colorectal Cancer Risk in East Asians. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 477-486.	1.1	25
41	Exosomal microRNAs and other non-coding RNAs as colorectal cancer biomarkers: a review. Mutagenesis, 2020, 35, 243-260.	1.0	29
42	5-fluorouracil and other fluoropyrimidines in colorectal cancer: Past, present and future. , 2020, 206, 107447.		449
43	An optimized comet-based in vitro DNA repair assay to assess base and nucleotide excision repair activity. Nature Protocols, 2020, 15, 3844-3878.	5.5	33
44	DNA Mismatch Repair Gene Variants in Sporadic Solid Cancers. International Journal of Molecular Sciences, 2020, 21, 5561.	1.8	12
45	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. American Journal of Human Genetics, 2020, 107, 432-444.	2.6	124
46	Distant Metastasis in Colorectal Cancer Patientsâ€”Do We Have New Predicting Clinicopathological and Molecular Biomarkers? A Comprehensive Review. International Journal of Molecular Sciences, 2020, 21, 5255.	1.8	38
47	Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. Nature Protocols, 2020, 15, 3817-3826.	5.5	189
48	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. BMC Medicine, 2020, 18, 396.	2.3	76
49	Impact of genetic polymorphisms in kinetochore and spindle assembly genes on chromosomal aberration frequency in healthy humans. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 858-860, 503253.	0.9	2
50	Hemochromatosis risk genotype is not associated with colorectal cancer or age at its diagnosis. Human Genetics and Genomics Advances, 2020, 1, 100010.	1.0	3
51	Colorectal Adenomasâ€”Genetics and Searching for New Molecular Screening Biomarkers. International Journal of Molecular Sciences, 2020, 21, 3260.	1.8	35
52	Methylation-Based Therapies for Colorectal Cancer. Cells, 2020, 9, 1540.	1.8	29
53	DNA Repair and Ovarian Carcinogenesis: Impact on Risk, Prognosis and Therapy Outcome. Cancers, 2020, 12, 1713.	1.7	23
54	Telomere maintenance in interplay with DNA repair in pathogenesis and treatment of colorectal cancer. Mutagenesis, 2020, 35, 261-271.	1.0	11

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55	Genomeâ€wide association study identifies an early onset pancreatic cancer risk locus. International Journal of Cancer, 2020, 147, 2065-2074.	2.3	20
56	Oxidative Damage in Sporadic Colorectal Cancer: Molecular Mapping of Base Excision Repair Glycosylases in Colorectal Cancer Patients. International Journal of Molecular Sciences, 2020, 21, 2473.	1.8	28
57	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. Nature Communications, 2020, 11, 597.	5.8	193
58	Telomere length in peripheral blood lymphocytes related to genetic variation in telomerase, prognosis and clinicopathological features in breast cancer patients. Mutagenesis, 2020, 35, 491-497.	1.0	11
59	Fusobacterium nucleatum tumor DNA levels are associated with survival in colorectal cancer patients. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 1891-1899.	1.3	33
60	Relationship of telomere length in colorectal cancer patients with cancer phenotype and patient prognosis. British Journal of Cancer, 2019, 121, 344-350.	2.9	28
61	Lifestyle and dietary environmental factors in colorectal cancer susceptibility. Molecular Aspects of Medicine, 2019, 69, 2-9.	2.7	157
62	DNA repair capacity and response to treatment of colon cancer. Pharmacogenomics, 2019, 20, 1225-1233.	0.6	11
63	Genetic variability of the ABCC2 gene and clinical outcomes in pancreatic cancer patients. Carcinogenesis, 2019, 40, 544-550.	1.3	8
64	Truncated PPM1D impairs stem cell response to genotoxic stress and promotes growth of APC-deficient tumors in the mouse colon. Cell Death and Disease, 2019, 10, 818.	2.7	12
65	Distinct pathways associated with chromosomal aberration frequency in a cohort exposed to genotoxic compounds compared to general population. Mutagenesis, 2019, 34, 323-330.	1.0	6
66	DNA damage and repair measured by comet assay in cancer patients. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 843, 95-110.	0.9	43
67	Ganoderma Lucidum induces oxidative DNA damage and enhances the effect of 5-Fluorouracil in colorectal cancer in vitro and in vivo. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 845, 403065.	0.9	23
68	Circulating biomarkers for early detection and clinical management of colorectal cancer. Molecular Aspects of Medicine, 2019, 69, 107-122.	2.7	214
69	Single nucleotide polymorphisms within MUC4 are associated with colorectal cancer survival. PLoS ONE, 2019, 14, e0216666.	1.1	15
70	Diagnostic and prognostic impact of cell-free DNA in human cancers: Systematic review. Mutation Research - Reviews in Mutation Research, 2019, 781, 100-129.	2.4	28
71	DNA methylation and chromatin modifiers in colorectal cancer. Molecular Aspects of Medicine, 2019, 69, 73-92.	2.7	34
72	Interferonâ€regulated suprabasin is essential for stressâ€induced stemâ€like cell conversion and therapy resistance of human malignancies. Molecular Oncology, 2019, 13, 1467-1489.	2.1	9

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73	Genome-wide association study of monoclonal gammopathy of unknown significance (MGUS): comparison with multiple myeloma. Leukemia, 2019, 33, 1817-1821.	3.3	14
74	Functional Polymorphisms in DNA Repair Genes Are Associated with Sporadic Colorectal Cancer Susceptibility and Clinical Outcome. International Journal of Molecular Sciences, 2019, 20, 97.	1.8	20
75	Genetic determinants of telomere length and risk of pancreatic cancer: A PANDoRA study. International Journal of Cancer, 2019, 144, 1275-1283.	2.3	36
76	Genetic variation associated with chromosomal aberration frequency: A genomeâ€wide association study. Environmental and Molecular Mutagenesis, 2019, 60, 17-28.	0.9	9
77	Discovery of common and rare genetic risk variants for colorectal cancer. Nature Genetics, 2019, 51, 76-87.	9.4	377
78	Carcinogenicity of quinoline, styrene, and styrene-7,8-oxide. Lancet Oncology, The, 2018, 19, 728-729.	5.1	28
79	Genome-wide meta-analysis identifies five new susceptibility loci for pancreatic cancer. Nature Communications, 2018, 9, 556.	5.8	188
80	Bleomycinâ€induced chromosomal damage and shortening of telomeres in peripheral blood lymphocytes of incident cancer patients. Genes Chromosomes and Cancer, 2018, 57, 61-69.	1.5	12
81	Do pancreatic cancer and chronic pancreatitis share the same genetic risk factors? A PANcreatic Disease ReseArch (PANDoRA) consortium investigation. International Journal of Cancer, 2018, 142, 290-296.	2.3	14
82	Base excision repair capacity as a determinant of prognosis and therapy response in colon cancer patients. DNA Repair, 2018, 72, 77-85.	1.3	27
83	Expression profile of miR-17/92 cluster is predictive of treatment response in rectal cancer. Carcinogenesis, 2018, 39, 1359-1367.	1.3	29
84	lncRNAs in Non-Malignant Tissue Have Prognostic Value in Colorectal Cancer. International Journal of Molecular Sciences, 2018, 19, 2672.	1.8	26
85	Circulating Cell-Free DNA and Colorectal Cancer: A Systematic Review. International Journal of Molecular Sciences, 2018, 19, 3356.	1.8	79
86	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.	0.8	6
87	Genetic variation of acquired structural chromosomal aberrations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 836, 13-21.	0.9	19
88	Coding variants in NOD-like receptors: An association study on risk and survival of colorectal cancer. PLoS ONE, 2018, 13, e0199350.	1.1	6
89	Investigation of single and synergic effects of NLRC5 and PD-L1 variants on the risk of colorectal cancer. PLoS ONE, 2018, 13, e0192385.	1.1	20
90	SLC22A3 polymorphisms do not modify pancreatic cancer risk, but may influence overall patient survival. Scientific Reports, 2017, 7, 43812.	1.6	15

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91	Genotoxic and Cytotoxic Effects in Exfoliated Buccal and Nasal Cells of Chromium and Cobalt Exposed Electroplaters. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 651-660.	1.1	14
92	Mesothelin promoter variants are associated with increased soluble mesothelin-related peptide levels in asbestos-exposed individuals. Occupational and Environmental Medicine, 2017, 74, 457-464.	1.3	13
93	Genomewide association study on monoclonal gammopathy of unknown significance (MGUS). European Journal of Haematology, 2017, 99, 70-79.	1.1	16
94	Association between taste receptor (TAS) genes and the perception of wine characteristics. Scientific Reports, 2017, 7, 9239.	1.6	22
95	Identification of novel risk loci for restless legs syndrome in genome-wide association studies in individuals of European ancestry: a meta-analysis. Lancet Neurology, The, 2017, 16, 898-907.	4.9	191
96	MicroRNA-binding site polymorphisms in genes involved in colorectal cancer etiopathogenesis and their impact on disease prognosis. Mutagenesis, 2017, 32, 533-542.	1.0	20
97	Evidence for genetic association between chromosome 1q loci and predisposition to colorectal neoplasia. British Journal of Cancer, 2017, 117, 1215-1223.	2.9	10
98	Polymorphisms in microRNA binding sites of mucin genes as predictors of clinical outcome in colorectal cancer patients. Carcinogenesis, 2017, 38, 28-39.	1.3	23
99	Association between polymorphisms of TAS2R16 and susceptibility to colorectal cancer. BMC Gastroenterology, 2017, 17, 104.	0.8	21
100	Three new pancreatic cancer susceptibility signals identified on chromosomes 1q32.1, 5p15.33 and 8q24.21. Oncotarget, 2016, 7, 66328-66343.	0.8	88
101	The focus on sample quality: Influence of colon tissue collection on reliability of qPCR data. Scientific Reports, 2016, 6, 29023.	1.6	7
102	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.	2.4	15
103	Genetic variation in the major mitotic checkpoint genes associated with chromosomal aberrations in healthy humans. Cancer Letters, 2016, 380, 442-446.	3.2	12
104	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.	0.8	13
105	Epigenome-wide analysis of DNA methylation reveals a rectal cancer-specific epigenomic signature. Epigenomics, 2016, 8, 1193-1207.	1.0	22
106	Gene expression of membrane transporters: Importance for prognosis and progression of ovarian carcinoma. Oncology Reports, 2016, 35, 2159-2170.	1.2	62
107	Functional single nucleotide polymorphisms within the cyclin-dependent kinase inhibitor 2A/2B region affect pancreatic cancer risk. Oncotarget, 2016, 7, 57011-57020.	0.8	41
108	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.	0.8	40

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109	Post-treatment recovery of suboptimal DNA repair capacity and gene expression levels in colorectal cancer patients. Molecular Carcinogenesis, 2015, 54, 769-778.	1.3	16
110	<scp>TERT</scp> gene harbors multiple variants associated with pancreatic cancer susceptibility. International Journal of Cancer, 2015, 137, 2175-2183.	2.3	57
111	Circulating miRNAs miR-34a and miR-150 associated with colorectal cancer progression. BMC Cancer, 2015, 15, 329.	1.1	77
112	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.	0.5	28
113	Metabolic gene variants associated with chromosomal aberrations in healthy humans. Genes Chromosomes and Cancer, 2015, 54, 260-266.	1.5	19
114	A novel c. 204 Ile68Met germline variant in exon 2 of the mutL homolog 1 gene in a colorectal cancer patient. Oncology Letters, 2015, 9, 183-186.	0.8	2
115	Common variation at 2p13.3, 3q29, 7p13 and 17q25.1 associated with susceptibility to pancreatic cancer. Nature Genetics, 2015, 47, 911-916.	9.4	224
116	Structural chromosomal aberrations as potential risk markers in incident cancer patients. Mutagenesis, 2015, 30, 557-563.	1.0	34
117	Interactions of DNA repair gene variants modulate chromosomal aberrations in healthy subjects. Carcinogenesis, 2015, 36, 1299-1306.	1.3	24
118	Polymorphisms in microRNA genes as predictors of clinical outcomes in colorectal cancer patients. Carcinogenesis, 2015, 36, 82-86.	1.3	47
119	Telomere length in circulating lymphocytes: Association with chromosomal aberrations. Genes Chromosomes and Cancer, 2015, 54, 194-196.	1.5	12
120	Genotype and Haplotype Analyses of TP53 Gene in Breast Cancer Patients: Association with Risk and Clinical Outcomes. PLoS ONE, 2015, 10, e0134463.	1.1	19
121	Single Nucleotide Polymorphisms within Interferon Signaling Pathway Genes Are Associated with Colorectal Cancer Susceptibility and Survival. PLoS ONE, 2014, 9, e111061.	1.1	29
122	Association between CASP8 â€“652 6N Del Polymorphism (rs3834129) and Colorectal Cancer Risk: Results from a Multi-Centric Study. PLoS ONE, 2014, 9, e85538.	1.1	8
123	Non-Coding Polymorphisms in Nucleotide Binding Domain 1 in ABCC1 Gene Associate with Transcript Level and Survival of Patients with Breast Cancer. PLoS ONE, 2014, 9, e101740.	1.1	14
124	Histological aspects of the small intestine under variable feed restriction: The effects of short and intense restriction on a growing rabbit model. Experimental and Therapeutic Medicine, 2014, 8, 1623-1627.	0.8	18
125	Functional evaluation of DNA repair in human biopsies and their relation to other cellular biomarkers. Frontiers in Genetics, 2014, 5, 116.	1.1	13
126	Histopathological aspects of liver under variable food restriction: Has the intense one-week food restriction a protective effect on non-alcoholic-fatty-liver-disease (NAFLD) development?. Pathology Research and Practice, 2014, 210, 855-862.	1.0	7

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127	Molecular characteristics of mismatch repair genes in sporadic colorectal tumors in Czech patients. BMC Medical Genetics, 2014, 15, 17.	2.1	8
128	Both genetic and dietary factors underlie individual differences in DNA damage levels and DNA repair capacity. DNA Repair, 2014, 16, 66-73.	1.3	42
129	Colorectal cancer risk and patientsâ€™ survival: influence of polymorphisms in genes somatically mutated in colorectal tumors. Cancer Causes and Control, 2014, 25, 759-769.	0.8	15
130	DNA methylation changes in genes frequently mutated in sporadic colorectal cancer and in the DNA repair and Wnt/Î²-catenin signaling pathway genes. Epigenomics, 2014, 6, 179-191.	1.0	55
131	Genome-wide association study identifies multiple susceptibility loci for pancreatic cancer. Nature Genetics, 2014, 46, 994-1000.	9.4	294
132	HOTAIR long non-coding RNA is a negative prognostic factor not only in primary tumors, but also in the blood of colorectal cancer patients. Carcinogenesis, 2014, 35, 1510-1515.	1.3	227
133	Variations in mismatch repair genes and colorectal cancer risk and clinical outcome. Mutagenesis, 2014, 29, 259-265.	1.0	20
134	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.	0.4	2
135	Synchronous gastric and sebaceous cancers, a rare manifestation of MLH1-related Muir-Torre syndrome. International Journal of Clinical and Experimental Pathology, 2014, 7, 5196-202.	0.5	5
136	Genetic susceptibility to pancreatic cancer and its functional characterisation: The PANcreatic Disease ReseArch (PANDoRA) consortium. Digestive and Liver Disease, 2013, 45, 95-99.	0.4	45
137	Evaluation of tumor suppressor gene expressions and aberrant methylation in the colon of cancer-induced rats: a pilot study. Molecular Biology Reports, 2013, 40, 5921-5929.	1.0	2
138	Lack of Replication of Seven Pancreatic Cancer Susceptibility Loci Identified in Two Asian Populations. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 320-323.	1.1	20
139	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.	3.2	56
140	Genetic variants in Câ€type lectin genes are associated with colorectal cancer susceptibility and clinical outcome. International Journal of Cancer, 2013, 133, 2325-2333.	2.3	28
141	Changes in MYCN expression in human neuroblastoma cell lines following cisplatin treatment may not be related to MYCN copy numbers. Oncology Reports, 2013, 29, 2415-2421.	1.2	9
142	ABO blood groups and pancreatic cancer risk and survival: Results from the PANcreatic Disease ReseArch (PANDoRA) consortium. Oncology Reports, 2013, 29, 1637-1644.	1.2	55
143	Correlation between antibodies and histology in celiac disease: Incidence of celiac disease is higher than expected in the pediatric population. Molecular Medicine Reports, 2013, 8, 1079-1083.	1.1	12
144	Meta-Analysis of Mismatch Repair Polymorphisms within the Cogent Consortium for Colorectal Cancer Susceptibility. PLoS ONE, 2013, 8, e72091.	1.1	19

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145	Chromosomal damage among medical staff occupationally exposed to volatile anesthetics, antineoplastic drugs, and formaldehyde. Scandinavian Journal of Work, Environment and Health, 2013, 39, 618-630.	1.7	48
146	Polymorphisms in miRNA-binding sites of nucleotide excision repair genes and colorectal cancer risk. Carcinogenesis, 2012, 33, 1346-1351.	1.3	59
147	Refinement of the associations between risk of colorectal cancer and polymorphisms on chromosomes 1q41 and 12q13.13. Human Molecular Genetics, 2012, 21, 934-946.	1.4	19
148	Ancestral susceptibility to colorectal cancer. Mutagenesis, 2012, 27, 197-204.	1.0	2
149	Gene expression variations: potentialities of master regulator polymorphisms in colorectal cancer risk. Mutagenesis, 2012, 27, 161-167.	1.0	13
150	Differences in nucleotide excision repair capacity between newly diagnosed colorectal cancer patients and healthy controls. Mutagenesis, 2012, 27, 225-232.	1.0	35
151	Functional, Genetic, and Epigenetic Aspects of Base and Nucleotide Excision Repair in Colorectal Carcinomas. Clinical Cancer Research, 2012, 18, 5878-5887.	3.2	66
152	Shared ancestral susceptibility to colorectal cancer and other nutrition related diseases. BMC Medical Genetics, 2012, 13, 94.	2.1	6
153	Association of serum bilirubin and promoter variations in HMOX1 and UGT1A1 genes with sporadic colorectal cancer. International Journal of Cancer, 2012, 131, 1549-1555.	2.3	70
154	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.	2.0	20
155	Evaluating chromosomal damage in workers exposed to hexavalent chromium and the modulating role of polymorphisms of DNA repair genes. International Archives of Occupational and Environmental Health, 2012, 85, 473-481.	1.1	20
156	A Comprehensive Investigation on Common Polymorphisms in the MDR1/ABCB1 Transporter Gene and Susceptibility to Colorectal Cancer. PLoS ONE, 2012, 7, e32784.	1.1	30
157	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.	0.9	46
158	5â€Fluorouracilâ€based chemotherapy for colorectal cancer and MTHFR/MTRR genotypes. British Journal of Clinical Pharmacology, 2011, 72, 162-163.	1.1	85
159	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.	0.4	48
160	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.	0.6	24
161	DNA damage and nucleotide excision repair capacity in healthy individuals. Environmental and Molecular Mutagenesis, 2011, 52, 511-517.	0.9	47
162	DNA damage, DNA repair rates and mRNA expression levels of cell cycle genes (TP53, p21CDKN1A, BCL2) Tj ETQq0 0 0 rgBT /Overlock 1	1.3	7

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163	Genome-Wide Association Study Identifies Novel Restless Legs Syndrome Susceptibility Loci on 2p14 and 16q12.1. PLoS Genetics, 2011, 7, e1002171.	1.5	163
164	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.	1.1	77
165	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.	1.2	43
166	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.	1.3	23
167	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.	0.8	23
168	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
169	Chromosomal damage in peripheral blood lymphocytes of newly diagnosed cancer patients and healthy controls. Carcinogenesis, 2010, 31, 1238-1241.	1.3	43
170	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.	1.3	57
171	Genetic variants in selenoprotein genes increase risk of colorectal cancer. Carcinogenesis, 2010, 31, 1074-1079.	1.3	131
172	Do GST Polymorphisms Modulate the Frequency of Chromosomal Aberrations in Healthy Subjects?. Environmental Health Perspectives, 2009, 117, A384-5; author reply A385.	2.8	7
173	Genetic variation in adipokine genes and risk of colorectal cancer. European Journal of Endocrinology, 2009, 160, 933-940.	1.9	67
174	Effect of occupational exposure to cytostatics and nucleotide excision repair polymorphism on chromosomal aberrations frequency. Interdisciplinary Toxicology, 2009, 2, 13-17.	1.0	6
175	Genetic variation in adipokine genes and risk of colorectal cancer. European Journal of Endocrinology, 2009, 161, 211.	1.9	1
176	NBN 657del5 heterozygous mutations and colorectal cancer risk in the Czech Republic. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 666, 64-67.	0.4	17
177	Biomarkers of nucleic acid oxidation, polymorphism in, and expression of, hOGG1 gene in styrene-exposed workers. Toxicology Letters, 2009, 190, 41-47.	0.4	35
178	Comparison of chromosomal aberrations frequency and polymorphism of GSTs genes in workers occupationally exposed to cytostatics or anaesthetics. Interdisciplinary Toxicology, 2009, 2, 190-4.	1.0	4
179	Monitoring of dimethyl sulphate-induced N3-methyladenine, N7-methylguanine and O6-methylguanine DNA adducts using reversed-phase high performance liquid chromatography and mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 867, 43-48.	1.2	11
180	A genome-wide association study identifies colorectal cancer susceptibility loci on chromosomes 10p14 and 8q23.3. Nature Genetics, 2008, 40, 623-630.	9.4	514

#	Article	IF	Citations
181	PTPRD (protein tyrosine phosphatase receptor type delta) is associated with restless legs syndrome. Nature Genetics, 2008, 40, 946-948.	9.4	252
182	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.	0.4	26
183	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.	1.4	61
184	Could polymorphisms in ATP-binding cassette C3/multidrug resistance associated protein 3 (ABCC3/MRP3) modify colorectal cancer risk?. European Journal of Cancer, 2008, 44, 854-857.	1.3	13
185	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.	0.4	41
186	Polymorphisms within micro-RNA-binding sites and risk of sporadic colorectal cancer. Carcinogenesis, 2007, 29, 579-584.	1.3	257
187	Insulin pathway related genes and risk of colorectal cancer: INSR promoter polymorphism shows a protective effect. Endocrine-Related Cancer, 2007, 14, 733-740.	1.6	39
188	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.	2.4	72
189	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.	0.9	15
190	7-Alkylguanine adduct levels in urine, lungs and liver of mice exposed to styrene by inhalation. Toxicology and Applied Pharmacology, 2006, 210, 1-8.	1.3	13
191	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.	0.4	35
192	Association of DNA repair polymorphisms with DNA repair functional outcomes in healthy human subjects. Carcinogenesis, 2006, 28, 657-664.	1.3	174
193	Styrene Metabolism, Genotoxicity, and Potential Carcinogenicity. Drug Metabolism Reviews, 2006, 38, 805-853.	1.5	61
194	Chromosomal damage and polymorphisms of DNA repair genes XRCC1 and XRCC3 in workers exposed to cytostatics. Neuroendocrinology Letters, 2006, 27 Suppl 2, 57-60.	0.2	4
195	Cytogenetic markers, DNA single-strand breaks, urinary metabolites, and DNA repair rates in styrene-exposed lamination workers.. Environmental Health Perspectives, 2004, 112, 867-871.	2.8	70
196	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.	0.9	73
197	A re-assessment of styrene-induced clastogenicity in mice in a subacute inhalation study. Archives of Toxicology, 2003, 77, 56-61.	1.9	6
198	Assessment of biotransformation of the arene moiety of styrene in volunteers and occupationally exposed workers. Toxicology and Applied Pharmacology, 2003, 189, 160-169.	1.3	30

#	Article	IF	Citations
199	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.	1.3	218
200	Spectrum of styrene-induced DNA adducts: the relationship to other biomarkers and prospects in human biomonitoring. Mutation Research - Reviews in Mutation Research, 2002, 511, 239-254.	2.4	42
201	New aspects in the biomonitoring of occupational exposure to styrene. International Archives of Occupational and Environmental Health, 2002, 75, 75-85.	1.1	21
202	DNA adducts of 1,3-butadiene in humans: Relationships to exposure, GST genotypes, single-strand breaks, and cytogenetic end points. Environmental and Molecular Mutagenesis, 2001, 37, 226-230.	0.9	36
203	DNA adducts, strand breaks and micronuclei in mice exposed to styrene by inhalation. Chemico-Biological Interactions, 2001, 137, 213-227.	1.7	48
204	Kinetics of formation of specific styrene oxide adducts in double-stranded DNA. Chemico-Biological Interactions, 2001, 138, 111-124.	1.7	23
205	Association between genetic polymorphisms and biomarkers in styrene-exposed workers. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 482, 89-103.	0.4	75
206	32P-postlabelling/HPLC analysis of various styrene-induced DNA adducts in mice. Biomarkers, 2001, 6, 175-189.	0.9	17
207	Adenine N3 is a main alkylation site of styrene oxide in double-stranded DNA. Chemico-Biological Interactions, 2000, 124, 13-27.	1.7	42
208	An evaluation of styrene genotoxicity using several biomarkers in a 3-year follow-up study of hand-lamination workers. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 445, 205-224.	0.9	76
209	Future Research Directions in the Use of Biomarkers. Environmental Health Perspectives, 1996, 104, 459.	2.8	1
210	The role of CYP2E1 and 2B1 in metabolic activation of benzene derivatives. Archives of Toxicology, 1996, 71, 45-56.	1.9	54
211	32P-Postlabelling of diastereomeric 7-alkylguanine adducts of butadiene monoepoxide. Carcinogenesis, 1996, 17, 1297-1303.	1.3	9
212	7-Alkylguanine adducts of styrene oxide determined by 32P-postlabelling in DNA and human embryonal lung fibroblasts (HEL). Carcinogenesis, 1996, 17, 801-808.	1.3	38
213	Styrene oxide-induced HPRT mutations, DNA adducts and DNA strand breaks in cultured human lymphocytes. Carcinogenesis, 1995, 16, 2357-2362.	1.3	77
214	Uptake, distribution, and formation of hemoglobin and DNA adducts after inhalation of C2-C8 1-alkenes (olefins) in the rat. Carcinogenesis, 1995, 16, 1603-1609.	1.3	40
215	Biomarkers of styrene exposure in lamination workers: levels of 06-guanine DNA adducts, DNA strand breaks and mutant frequencies in the hypoxanthine guanine phosphoribosyltransferase gene in T-lymphocytes. Carcinogenesis, 1995, 16, 1473-1481.	1.3	110
216	Styrene: from characterisation of DNA adducts to application in styrene-exposed lamination workers. Toxicology Letters, 1995, 77, 153-161.	0.4	22

#	Article	IF	Citations
217	Persistence of O6-guanine DNA adducts in styrene-exposed lamination workers determined by 32P-postlabelling. Carcinogenesis, 1994, 15, 1949-1953.	1.3	55
218	Recoveries of DNA adducts of polycyclic aromatic hydrocarbons in the 32P-postlabelling assay. Carcinogenesis, 1993, 14, 2463-2469.	1.3	27
219	32P-postlabeling of DNA adducts of styrene-exposed lamination workers. Carcinogenesis, 1993, 14, 2059-2061.	1.3	53
220	Determination of malonaldehyde-modified 2'-deoxyguanosine-3'-monophosphate and DNA by 32P-postlabelling. Carcinogenesis, 1992, 13, 593-599.	1.3	44
221	The prospects of the development of the method for monitoring of occupational exposure to some alkylating agents. Science of the Total Environment, 1991, 101, 121-130.	3.9	1
222	32P-postlabeling of N-7, N2 and O6 2â€²-deoxyguanosine 3â€²-monophosphate adducts of styrene oxide. Chemico-Biological Interactions, 1991, 77, 39-50.	1.7	25
223	The influence of N-7 platination and methylation on the stability of deoxyguanosine and deoxyguanylyl-(3â€²-5â€²)-deoxyguanosine. Chemico-Biological Interactions, 1990, 74, 253-261.	1.7	3
224	Synthesis and stability of 2â€²-deoxyguanosine 3â€²-monophosphate adducts of dimethyl sulfate, ethylene oxide and styrene oxide. Chemico-Biological Interactions, 1990, 75, 281-292.	1.7	13
225	Effects of inhaled acrylic acid derivatives in rats. Toxicology, 1990, 65, 209-221.	2.0	22
226	Distribution and elimination of (14C)-2-ethylhexyl acrylate radioactivity in rats. Archives of Toxicology, 1988, 62, 346-350.	1.9	7
227	Depurination and imidazole ring-opening in nucleosides and DNA alkylated by styrene oxide. Chemico-Biological Interactions, 1988, 68, 117-126.	1.7	25
228	Phosphodiester cleavage in apurinic dinucleotides. Chemico-Biological Interactions, 1988, 68, 153-164.	1.7	6
229	Identification of alkylation products of styrene oxide in single- and double-stranded DNA. Carcinogenesis, 1988, 9, 1657-1660.	1.3	73