Pavel Erik VodiÄka

List of Publications by Year
in descending order

229	10,115	44069	54911
papers	citations	48 h-index	84 g-index

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

#	Article	IF	Citations
1	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
2	5-fluorouracil and other fluoropyrimidines in colorectal cancer: Past, present and future. , 2020, 206, 107447.		449
3	Discovery of common and rare genetic risk variants for colorectal cancer. Nature Genetics, 2019, 51, 76-87.	21.4	377
4	Genome-wide association study identifies multiple susceptibility loci for pancreatic cancer. Nature Genetics, 2014, 46, 994-1000.	21.4	294
5	Polymorphisms within micro-RNA-binding sites and risk of sporadic colorectal cancer. Carcinogenesis, 2007, 29, 579-584.	2.8	257
6	PTPRD (protein tyrosine phosphatase receptor type delta) is associated with restless legs syndrome. Nature Genetics, 2008, 40, 946-948.	21.4	252
7	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.	2.8	227
8	Common variation at 2p13.3, 3q29, 7p13 and 17q25.1 associated with susceptibility to pancreatic cancer. Nature Genetics, 2015, 47, 911-916.	21.4	224
9	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
10	Circulating biomarkers for early detection and clinical management of colorectal cancer. Molecular Aspects of Medicine, 2019, 69, 107-122.	6.4	214
11	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. Nature Communications, 2020, 11, 597.	12.8	193
12	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.	10.2	191
13	Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. Nature Protocols, 2020, 15, 3817-3826.	12.0	189
14	Genome-wide meta-analysis identifies five new susceptibility loci for pancreatic cancer. Nature Communications, 2018, 9, 556.	12.8	188
15	Association of DNA repair polymorphisms with DNA repair functional outcomes in healthy human subjects. Carcinogenesis, 2006, 28, 657-664.	2.8	174
16	Genome-Wide Association Study Identifies Novel Restless Legs Syndrome Susceptibility Loci on 2p14 and 16q12.1. PLoS Genetics, 2011, 7, e1002171.	3.5	163
17	Lifestyle and dietary environmental factors in colorectal cancer susceptibility. Molecular Aspects of Medicine, 2019, 69, 2-9.	6.4	157
18	Genetic variants in selenoprotein genes increase risk of colorectal cancer. Carcinogenesis, 2010, 31, 1074-1079.	2.8	131

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19	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. American Journal of Human Genetics, 2020, 107, 432-444.	6.2	124
20	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.	2.8	110
21	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.	1.3	110
22	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.	1.3	90
23	Three new pancreatic cancer susceptibility signals identified on chromosomes 1q32.1, 5p15.33 and 8q24.21. Oncotarget, 2016, 7, 66328-66343.	1.8	88
24	5â€Fluorouracilâ€based chemotherapy for colorectal cancer and MTHFR/MTRR genotypes. British Journal of Clinical Pharmacology, 2011, 72, 162-163.	2.4	85
25	Circulating Cell-Free DNA and Colorectal Cancer: A Systematic Review. International Journal of Molecular Sciences, 2018, 19, 3356.	4.1	79
26	Styrene oxide-induced HPRT mutations, DNA adducts and DNA strand breaks in cultured human lymphocytes. Carcinogenesis, 1995, 16, 2357-2362.	2.8	77
27	Circulating miRNAs miR-34a and miR-150 associated with colorectal cancer progression. BMC Cancer, 2015, 15, 329.	2.6	77
28	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
29	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.	1.7	76
30	Adiposity, metabolites, and colorectal cancer risk: Mendelian randomization study. BMC Medicine, 2020, 18, 396.	5.5	76
31	Association between genetic polymorphisms and biomarkers in styrene-exposed workers. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 482, 89-103.	1.0	75
32	Identification of alkylation products of styrene oxide in single- and double-stranded DNA. Carcinogenesis, 1988, 9, 1657-1660.	2.8	73
33	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
34	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
35	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
36	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

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37	Genetic variation in adipokine genes and risk of colorectal cancer. European Journal of Endocrinology, 2009, 160, 933-940.	3.7	67
38	Functional, Genetic, and Epigenetic Aspects of Base and Nucleotide Excision Repair in Colorectal Carcinomas. Clinical Cancer Research, 2012, 18, 5878-5887.	7.0	66
39	Gene expression of membrane transporters: Importance for prognosis and progression of ovarian carcinoma. Oncology Reports, 2016, 35, 2159-2170.	2.6	62
40	Styrene Metabolism, Genotoxicity, and Potential Carcinogenicity. Drug Metabolism Reviews, 2006, 38, 805-853.	3.6	61
41	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
42	Polymorphisms in miRNA-binding sites of nucleotide excision repair genes and colorectal cancer risk. Carcinogenesis, 2012, 33, 1346-1351.	2.8	59
43	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
44	<scp>TERT</scp> gene harbors multiple variants associated with pancreatic cancer susceptibility. International Journal of Cancer, 2015, 137, 2175-2183.	5.1	57
45	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
46	Persistence of O6-guanine DNA adducts in styrene-exposed lamination workers determined by 32P-postlabelling. Carcinogenesis, 1994, 15, 1949-1953.	2.8	55
47	ABO blood groups and pancreatic cancer risk and survival: Results from the PANcreatic Disease ReseArch (PANDoRA) consortium. Oncology Reports, 2013, 29, 1637-1644.	2.6	55
48	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.	2.1	55
49	The role of CYP2E1 and 2B1 in metabolic activation of benzene derivatives. Archives of Toxicology, 1996, 71, 45-56.	4.2	54
50	32P-postlabeling of DNA adducts of styrene-exposed lamination workers. Carcinogenesis, 1993, 14, 2059-2061.	2.8	53
51	DNA adducts, strand breaks and micronuclei in mice exposed to styrene by inhalation. Chemico-Biological Interactions, 2001, 137, 213-227.	4.0	48
52	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
53	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.	3.4	48
54	DNA damage and nucleotide excision repair capacity in healthy individuals. Environmental and Molecular Mutagenesis, 2011, 52, 511-517.	2.2	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	Genetic susceptibility to pancreatic cancer and its functional characterisation: The PANcreatic Disease ReseArch (PANDoRA) consortium. Digestive and Liver Disease, 2013, 45, 95-99.	0.9	45
58	Determination of malonaldehyde-modified 2'-deoxyguanosine-3'-monophosphate and DNA by 32P-postlabelling. Carcinogenesis, 1992, 13, 593-599.	2.8	44
59	Genetic architectures of proximal and distal colorectal cancer are partly distinct. Gut, 2021, 70, 1325-1334.	12.1	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	DNA damage and repair measured by comet assay in cancer patients. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 843, 95-110.	1.7	43
63	Adenine N3 is a main alkylation site of styrene oxide in double-stranded DNA. Chemico-Biological Interactions, 2000, 124, 13-27.	4.0	42
64	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.	5.5	42
65	Both genetic and dietary factors underlie individual differences in DNA damage levels and DNA repair capacity. DNA Repair, 2014, 16, 66-73.	2.8	42
66	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
67	Functional single nucleotide polymorphisms within the cyclin-dependent kinase inhibitor 2A/2B region affect pancreatic cancer risk. Oncotarget, 2016, 7, 57011-57020.	1.8	41
68	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.	2.8	40
69	DNA repair and cancer in colon and rectum: Novel players in genetic susceptibility. International Journal of Cancer, 2020, 146, 363-372.	5.1	40
70	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
71	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
72	7-Alkylguanine adducts of styrene oxide determined by 32P-postlabelling in DNA and human embryonal lung fibroblasts (HEL). Carcinogenesis, 1996, 17, 801-808.	2.8	38

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73	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.	4.1	38
74	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.	2.2	36
75	Genetic determinants of telomere length and risk of pancreatic cancer: A PANDoRA study. International Journal of Cancer, 2019, 144, 1275-1283.	5.1	36
76	Identifying Novel Susceptibility Genes for Colorectal Cancer Risk From a Transcriptome-Wide Association Study of 125,478 Subjects. Gastroenterology, 2021, 160, 1164-1178.e6.	1.3	36
77	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
78	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
79	Differences in nucleotide excision repair capacity between newly diagnosed colorectal cancer patients and healthy controls. Mutagenesis, 2012, 27, 225-232.	2.6	35
80	Colorectal Adenomasâ€"Genetics and Searching for New Molecular Screening Biomarkers. International Journal of Molecular Sciences, 2020, 21, 3260.	4.1	35
81	Associations Between Glycemic Traits and Colorectal Cancer: A Mendelian Randomization Analysis. Journal of the National Cancer Institute, 2022, 114, 740-752.	6.3	35
82	Structural chromosomal aberrations as potential risk markers in incident cancer patients. Mutagenesis, 2015, 30, 557-563.	2.6	34
83	DNA methylation and chromatin modifiers in colorectal cancer. Molecular Aspects of Medicine, 2019, 69, 73-92.	6.4	34
84	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.	2.9	33
85	An optimized comet-based in vitro DNA repair assay to assess base and nucleotide excision repair activity. Nature Protocols, 2020, 15, 3844-3878.	12.0	33
86	Polygenic and multifactorial scores for pancreatic ductal adenocarcinoma risk prediction. Journal of Medical Genetics, 2021, 58, 369-377.	3.2	31
87	Assessment of biotransformation of the arene moiety of styrene in volunteers and occupationally exposed workers. Toxicology and Applied Pharmacology, 2003, 189, 160-169.	2.8	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	Expression profile of miR-17/92 cluster is predictive of treatment response in rectal cancer. Carcinogenesis, 2018, 39, 1359-1367.	2.8	29

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91	Exosomal microRNAs and other non-coding RNAs as colorectal cancer biomarkers: a review. Mutagenesis, 2020, 35, 243-260.	2.6	29
92	Methylation-Based Therapies for Colorectal Cancer. Cells, 2020, 9, 1540.	4.1	29
93	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
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	Carcinogenicity of quinoline, styrene, and styrene-7,8-oxide. Lancet Oncology, The, 2018, 19, 728-729.	10.7	28
96	Relationship of telomere length in colorectal cancer patients with cancer phenotype and patient prognosis. British Journal of Cancer, 2019, 121, 344-350.	6.4	28
97	Diagnostic and prognostic impact of cell-free DNA in human cancers: Systematic review. Mutation Research - Reviews in Mutation Research, 2019, 781, 100-129.	5.5	28
98	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.	4.1	28
99	Recoveries of DNA adducts of polycyclic aromatic hydrocarbons in the 32P-postlabelling assay. Carcinogenesis, 1993, 14, 2463-2469.	2.8	27
100	Base excision repair capacity as a determinant of prognosis and therapy response in colon cancer patients. DNA Repair, 2018, 72, 77-85.	2.8	27
101	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
102	lncRNAs in Non-Malignant Tissue Have Prognostic Value in Colorectal Cancer. International Journal of Molecular Sciences, 2018, 19, 2672.	4.1	26
103	Depurination and imidazole ring-opening in nucleosides and DNA alkylated by styrene oxide. Chemico-Biological Interactions, 1988, 68, 117-126.	4.0	25
104	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.	4.0	25
105	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.	2.5	25
106	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
107	Interactions of DNA repair gene variants modulate chromosomal aberrations in healthy subjects. Carcinogenesis, 2015, 36, 1299-1306.	2.8	24
108	Kinetics of formation of specific styrene oxide adducts in double-stranded DNA. Chemico-Biological Interactions, 2001, 138, 111-124.	4.0	23

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109	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
110	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
111	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
112	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
113	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.	1.7	23
114	DNA Repair and Ovarian Carcinogenesis: Impact on Risk, Prognosis and Therapy Outcome. Cancers, 2020, 12, 1713.	3.7	23
115	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.	5.1	23
116	Effects of inhaled acrylic acid derivatives in rats. Toxicology, 1990, 65, 209-221.	4.2	22
117	Styrene: from characterisation of DNA adducts to application in styrene-exposed lamination workers. Toxicology Letters, 1995, 77, 153-161.	0.8	22
118	Epigenome-wide analysis of DNA methylation reveals a rectal cancer-specific epigenomic signature. Epigenomics, 2016, 8, 1193-1207.	2.1	22
119	Association between taste receptor (TAS) genes and the perception of wine characteristics. Scientific Reports, 2017, 7, 9239.	3.3	22
120	New aspects in the biomonitoring of occupational exposure to styrene. International Archives of Occupational and Environmental Health, 2002, 75, 75-85.	2.3	21
121	Association between polymorphisms of TAS2R16 and susceptibility to colorectal cancer. BMC Gastroenterology, 2017, 17, 104.	2.0	21
122	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
123	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.	2.3	20
124	Lack of Replication of Seven Pancreatic Cancer Susceptibility Loci Identified in Two Asian Populations. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 320-323.	2.5	20
125	Variations in mismatch repair genes and colorectal cancer risk and clinical outcome. Mutagenesis, 2014, 29, 259-265.	2.6	20
126	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

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127	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
128	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
129	Genomeâ€wide association study identifies an early onset pancreatic cancer risk locus. International Journal of Cancer, 2020, 147, 2065-2074.	5.1	20
130	The Interactions of DNA Repair, Telomere Homeostasis, and p53 Mutational Status in Solid Cancers: Risk, Prognosis, and Prediction. Cancers, 2021, 13, 479.	3.7	20
131	Refinement of the associations between risk of colorectal cancer and polymorphisms on chromosomes 1q41 and 12q13.13. Human Molecular Genetics, 2012, 21, 934-946.	2.9	19
132	Metabolic gene variants associated with chromosomal aberrations in healthy humans. Genes Chromosomes and Cancer, 2015, 54, 260-266.	2.8	19
133	Genetic variation of acquired structural chromosomal aberrations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 836, 13-21.	1.7	19
134	Meta-Analysis of Mismatch Repair Polymorphisms within the Cogent Consortium for Colorectal Cancer Susceptibility. PLoS ONE, 2013, 8, e72091.	2.5	19
135	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
136	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.	1.8	18
137	32P-postlabelling/HPLC analysis of various styrene-induced DNA adducts in mice. Biomarkers, 2001, 6, 175-189.	1.9	17
138	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
139	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
140	Genomewide association study on monoclonal gammopathy of unknown significance (MGUS). European Journal of Haematology, 2017, 99, 70-79.	2.2	16
141	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
142	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
143	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
144	SLC22A3 polymorphisms do not modify pancreatic cancer risk, but may influence overall patient survival. Scientific Reports, 2017, 7, 43812.	3.3	15

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145	Single nucleotide polymorphisms within MUC4 are associated with colorectal cancer survival. PLoS ONE, 2019, 14, e0216666.	2.5	15
146	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.	2.5	14
147	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.	2.3	14
148	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.	5.1	14
149	Genome-wide association study of monoclonal gammopathy of unknown significance (MGUS): comparison with multiple myeloma. Leukemia, 2019, 33, 1817-1821.	7.2	14
150	Associations between pancreatic expression quantitative traits and risk of pancreatic ductal adenocarcinoma. Carcinogenesis, 2021, 42, 1037-1045.	2.8	14
151	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.	4.0	13
152	7-Alkylguanine adduct levels in urine, lungs and liver of mice exposed to styrene by inhalation. Toxicology and Applied Pharmacology, 2006, 210, 1-8.	2.8	13
153	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.	2.8	13
154	Gene expression variations: potentialities of master regulator polymorphisms in colorectal cancer risk. Mutagenesis, 2012, 27, 161-167.	2.6	13
155	Functional evaluation of DNA repair in human biopsies and their relation to other cellular biomarkers. Frontiers in Genetics, 2014, 5, 116.	2.3	13
156	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
157	Mesothelin promoter variants are associated with increased soluble mesothelin-related peptide levels in asbestos-exposed individuals. Occupational and Environmental Medicine, 2017, 74, 457-464.	2.8	13
158	Eight novel loci implicate shared genetic etiology in multiple myeloma, AL amyloidosis, and monoclonal gammopathy of unknown significance. Leukemia, 2020, 34, 1187-1191.	7.2	13
159	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.	2.4	12
160	Telomere length in circulating lymphocytes: Association with chromosomal aberrations. Genes Chromosomes and Cancer, 2015, 54, 194-196.	2.8	12
161	Genetic variation in the major mitotic checkpoint genes associated with chromosomal aberrations in healthy humans. Cancer Letters, 2016, 380, 442-446.	7.2	12
162	Bleomycinâ€induced chromosomal damage and shortening of telomeres in peripheral blood lymphocytes of incident cancer patients. Genes Chromosomes and Cancer, 2018, 57, 61-69.	2.8	12

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163	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.	6.3	12
164	DNA Mismatch Repair Gene Variants in Sporadic Solid Cancers. International Journal of Molecular Sciences, 2020, 21, 5561.	4.1	12
165	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.	2.3	11
166	DNA repair capacity and response to treatment of colon cancer. Pharmacogenomics, 2019, 20, 1225-1233.	1.3	11
167	Telomere maintenance in interplay with DNA repair in pathogenesis and treatment of colorectal cancer. Mutagenesis, 2020, 35, 261-271.	2.6	11
168	Non-Coding RNAs as Biomarkers of Tumor Progression and Metastatic Spread in Epithelial Ovarian Cancer. Cancers, 2021, 13, 1839.	3.7	11
169	Analysis of MicroRNA Expression Changes During the Course of Therapy In Rectal Cancer Patients. Frontiers in Oncology, 2021, 11, 702258.	2.8	11
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