Giuseppe Matullo

List of Publications by Year
in descending order

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223	17,084	19608	17546
papers	citations	61 h-index	121 g-index

232	232	232	26690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	13.7	1,855
2	Genome-wide association study identifies eight loci associated with blood pressure. Nature Genetics, 2009, 41, 666-676.	9.4	1,104
3	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. Nature, 2017, 541, 81-86.	13.7	743
4	Sequence variants at the TERT-CLPTM1L locus associate with many cancer types. Nature Genetics, 2009, 41, 221-227.	9.4	572
5	A multi-stage genome-wide association study of bladder cancer identifies multiple susceptibility loci. Nature Genetics, 2010, 42, 978-984.	9.4	493
6	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	5.8	412
7	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. Nature Genetics, 2008, 40, 1307-1312.	9.4	377
8	Genetic variation in the prostate stem cell antigen gene PSCA confers susceptibility to urinary bladder cancer. Nature Genetics, 2009, 41, 991-995.	9.4	321
9	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2017, 5, 97-105.	5.5	298
10	DNA repair gene polymorphisms, bulky DNA adducts in white blood cells and bladder cancer in a case-control study. International Journal of Cancer, 2001, 92, 562-567.	2.3	267
11	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7119-7124.	3.3	258
12	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. Genome Biology, 2016, 17, 255.	3.8	251
13	DNA repair polymorphisms and cancer risk in non-smokers in a cohort study. Carcinogenesis, 2006, 27, 997-1007.	1.3	227
14	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. Nature Genetics, 2021, 53, 1311-1321.	9.4	218
15	Separate and combined associations of obesity and metabolic health with coronary heart disease: a pan-European case-cohort analysis. European Heart Journal, 2018, 39, 397-406.	1.0	209
16	ACE2 gene variants may underlie interindividual variability and susceptibility to COVID-19 in the Italian population. European Journal of Human Genetics, 2020, 28, 1602-1614.	1.4	208
17	Discovery of methylated circulating DNA biomarkers for comprehensive non-invasive monitoring of treatment response in metastatic colorectal cancer. Gut, 2018, 67, 1995-2005.	6.1	188
18	XRCC3 and XPD/ERCC2 Single Nucleotide Polymorphisms and the Risk of Cancer: A HuGE Review. American Journal of Epidemiology, 2006, 164, 297-302.	1.6	187

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19	Social adversity and epigenetic aging: a multi-cohort study on socioeconomic differences in peripheral blood DNA methylation. Scientific Reports, 2017, 7, 16266.	1.6	181
20	Characterization of whole-genome autosomal differences of DNA methylation between men and women. Epigenetics and Chromatin, 2015, 8, 43.	1.8	176
21	Plasma Activity and Insertion/Deletion Polymorphism of Angiotensin Iâ€“Converting Enzyme. Circulation, 1998, 97, 147-154.	1.6	171
22	A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. Nature Genetics, 2010, 42, 415-419.	9.4	169
23	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	1.4	168
24	Ancient Rome: A genetic crossroads of Europe and the Mediterranean. Science, 2019, 366, 708-714.	6.0	164
25	Air pollution and risk of lung cancer in a prospective study in Europe. International Journal of Cancer, 2006, 119, 169-174.	2.3	158
26	TP53 and KRAS2 Mutations in Plasma DNA of Healthy Subjects and Subsequent Cancer Occurrence: A Prospective Study. Cancer Research, 2006, 66, 6871-6876.	0.4	158
27	Variation in the measurement of DNA damage by comet assay measured by the ECVAGÂ inter-laboratory validation trial. Mutagenesis, 2010, 25, 113-123.	1.0	155
28	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. Circulation, 2019, 140, 645-657.	1.6	151
29	A Field Synopsis on Low-Penetrance Variants in DNA Repair Genes and Cancer Susceptibility. Journal of the National Cancer Institute, 2009, 101, 24-36.	3.0	149
30	Genomewide Association Study Using a High-Density Single Nucleotide Polymorphism Array and Case-Control Design Identifies a Novel Essential Hypertension Susceptibility Locus in the Promoter Region of Endothelial NO Synthase. Hypertension, 2012, 59, 248-255.	1.3	144
31	STrengthening the Reporting of OBservational studies in Epidemiology â€“ Molecular Epidemiology (STROBE-ME): An Extension of the STROBE Statement. PLoS Medicine, 2011, 8, e1001117.	3.9	143
32	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. Aging, 2019, 11, 2045-2070.	1.4	137
33	European genome-wide association study identifies SLC14A1 as a new urinary bladder cancer susceptibility gene. Human Molecular Genetics, 2011, 20, 4268-4281.	1.4	134
34	DNA adduct levels and DNA repair polymorphisms in traffic-exposed workers and a general population sample. International Journal of Cancer, 2001, 94, 121-127.	2.3	125
35	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. American Journal of Human Genetics, 2020, 106, 389-404.	2.6	118
36	Polymorphisms/Haplotypes in DNA Repair Genes and Smoking: A Bladder Cancer Case-Control Study. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2569-2578.	1.1	115

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37	DNA Adducts and Lung Cancer Risk: A Prospective Study. Cancer Research, 2005, 65, 8042-8048.	0.4	109
38	Polymorphisms in DNA Repair Genes, Smoking, and Bladder Cancer Risk: Findings from the International Consortium of Bladder Cancer. Cancer Research, 2009, 69, 6857-6864.	0.4	107
39	Mitochondrial DNA Variation of Modern Tuscans Supports the Near Eastern Origin of Etruscans. American Journal of Human Genetics, 2007, 80, 759-768.	2.6	106
40	DNA Repair Polymorphisms Modify Bladder Cancer Risk: A Multi-factor Analytic Strategy. Human Heredity, 2008, 65, 105-118.	0.4	101
41	An ECVAG trial on assessment of oxidative damage to DNA measured by the comet assay. Mutagenesis, 2010, 25, 125-132.	1.0	99
42	Amount of DNA in plasma and cancer risk: A prospective study. International Journal of Cancer, 2004, 111, 746-749.	2.3	95
43	Polymorphic DNA repair and metabolic genes: a multigenic study on gastric cancer. Mutagenesis, 2010, 25, 569-575.	1.0	95
44	Lactase Persistence and Bitter Taste Response: Instrumental Variables and Mendelian Randomization in Epidemiologic Studies of Dietary Factors and Cancer Risk. American Journal of Epidemiology, 2007, 166, 576-581.	1.6	94
45	International Lung Cancer Consortium: Pooled Analysis of Sequence Variants in DNA Repair and Cell Cycle Pathways. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 3081-3089.	1.1	93
46	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. Journal of the American Heart Association, 2017, 6, .	1.6	89
47	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	5.8	84
48	Novel Approach Identifies SNPs in SLC2A10 and KCNK9 with Evidence for Parent-of-Origin Effect on Body Mass Index. PLoS Genetics, 2014, 10, e1004508.	1.5	80
49	Germline mutations in DNA repair genes predispose asbestos-exposed patients to malignant pleural mesothelioma. Cancer Letters, 2017, 405, 38-45.	3.2	80
50	Inter-laboratory variation in DNA damage using a standard comet assay protocol. Mutagenesis, 2012, 27, 665-672.	1.0	79
51	MicroRNA-126 and micro-/macrovascular complications of type 1 diabetes in the EURODIAB Prospective Complications Study. Acta Diabetologica, 2017, 54, 133-139.	1.2	79
52	An ECVAG inter-laboratory validation study of the comet assay: inter-laboratory and intra-laboratory variations of DNA strand breaks and FPG-sensitive sites in human mononuclear cells. Mutagenesis, 2013, 28, 279-286.	1.0	78
53	Effects of Long-Term Averaging of Quantitative Blood Pressure Traits on the Detection of Genetic Associations. American Journal of Human Genetics, 2014, 95, 49-65.	2.6	73
54	Pooled Analysis and Meta-analysis of the Glutathione S-Transferase P1 Ile 105Val Polymorphism and Bladder Cancer: A HuGE-GSEC Review. American Journal of Epidemiology, 2007, 165, 1221-1230.	1.6	72

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55	Interleukin-1 Gene Polymorphisms and Gastric Cancer Risk in a High-Risk Italian Population. American Journal of Gastroenterology, 2005, 100, 1941-1948.	0.2	71
56	Genetic Variants Associated with Increased Risk of Malignant Pleural Mesothelioma: A Genome-Wide Association Study. PLoS ONE, 2013, 8, e61253.	1.1	71
57	Acute myocardial infarction in young adults: Prognostic role of angiotensin-converting enzyme, angiotensin II type I receptor, apolipoprotein E, endothelial constitutive nitric oxide synthase, and glycoprotein IIIa genetic polymorphisms at medium-term follow-up. American Heart Journal, 2000, 139, 979-984.	1.2	70
58	Multi-factor dimensionality reduction applied to a large prospective investigation on gene-gene and gene-environment interactions. Carcinogenesis, 2006, 28, 414-422.	1.3	70
59	DNA adducts and cancer risk in prospective studies: a pooled analysis and a meta-analysis. Carcinogenesis, 2008, 29, 932-936.	1.3	70
60	Alcohol intake in relation to non-fatal and fatal coronary heart disease and stroke: EPIC-CVD case-cohort study. BMJ: British Medical Journal, 2018, 361, k934.	2.4	70
61	CDKN2A and BAP1 germline mutations predispose to melanoma and mesothelioma. Cancer Letters, 2016, 378, 120-130.	3.2	69
62	microRNA profiles in urine by next-generation sequencing can stratify bladder cancer subtypes. Oncotarget, 2018, 9, 20658-20669.	0.8	63
63	Malondialdehydeâ"Deoxyguanosine Adduct Formation in Workers of Pathology Wards: The Role of Air Formaldehyde Exposure. Chemical Research in Toxicology, 2010, 23, 1342-1348.	1.7	62
64	Gene-specific DNA methylation profiles and LINE-1 hypomethylation are associated with myocardial infarction risk. Clinical Epigenetics, 2015, 7, 133.	1.8	61
65	Genetic susceptibility according to three metabolic pathways in cancers of the lung and bladder and in myeloid leukemias in nonsmokers. Annals of Oncology, 2007, 18, 1230-1242.	0.6	59
66	Parity, breastfeeding and risk of coronary heart disease: A pan-European caseâ€"cohort study. European Journal of Preventive Cardiology, 2016, 23, 1755-1765.	0.8	58
67	Genealogical Relationships between Early Medieval and Modern Inhabitants of Piedmont. PLoS ONE, 2015, 10, e0116801.	1.1	58
68	STrengthening the Reporting of OBservational studies in Epidemiology â€" Molecular Epidemiology (STROBEâ€ME): An extension of the STROBE statement. European Journal of Clinical Investigation, 2012, 42, 1-16.	1.7	57
69	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.	0.8	56
70	Inference on germline BAP1 mutations and asbestos exposure from the analysis of familial and sporadic mesothelioma in a highâ€risk area. Genes Chromosomes and Cancer, 2015, 54, 51-62.	1.5	55
71	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.	2.3	55
72	Biomarkers of inflammation and breast cancer risk: a case-control study nested in the EPIC-Varese cohort. Scientific Reports, 2017, 7, 12708.	1.6	55

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73	Adipocyte-derived extracellular vesicles regulate survival and function of pancreatic Î² cells. JCI Insight, 2021, 6, .	2.3	55
74	Detection of multiple mutations in urinary exfoliated cells from male bladder cancer patients at diagnosis and during follow-up. Oncotarget, 2016, 7, 67435-67448.	0.8	55
75	GSTT1 andGSTM1 gene polymorphisms and gastric cancer in a high-risk italian population. International Journal of Cancer, 2005, 115, 284-289.	2.3	54
76	Polymorphisms in DNA repair genes as risk factors for asbestos-related malignant mesothelioma in a general population study. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 599, 124-134.	0.4	52
77	Validation of biomarkers for the study of environmental carcinogens: a review. Biomarkers, 2008, 13, 505-534.	0.9	51
78	B-vitamins intake, DNA-methylation of One Carbon Metabolism and homocysteine pathway genes and myocardial infarction risk: The EPICOR study. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 483-488.	1.1	50
79	An Overview of the Genetic Structure within the Italian Population from Genome-Wide Data. PLoS ONE, 2012, 7, e43759.	1.1	49
80	Novel Epigenetic Changes Unveiled by Monozygotic Twins Discordant for Smoking Habits. PLoS ONE, 2015, 10, e0128265.	1.1	49
81	Plasma microRNAs as biomarkers of pancreatic cancer risk in a prospective cohort study. International Journal of Cancer, 2017, 141, 905-915.	2.3	48
82	Aberrant Function of the C-Terminal Tail of HIST1H1E Accelerates Cellular Senescence and Causes Premature Aging. American Journal of Human Genetics, 2019, 105, 493-508.	2.6	48
83	Polymorphisms in microRNA genes as predictors of clinical outcomes in colorectal cancer patients. Carcinogenesis, 2015, 36, 82-86.	1.3	47
84	Association of menopausal characteristics and risk of coronary heart disease: a pan-European caseâ€“cohort analysis. International Journal of Epidemiology, 2019, 48, 1275-1285.	0.9	47
85	Genome-wide association study yields variants at 20p12.2 that associate with urinary bladder cancer. Human Molecular Genetics, 2014, 23, 5545-5557.	1.4	46
86	Detailed stratified GWAS analysis for severe COVID-19 in four European populations. Human Molecular Genetics, 2022, 31, 3945-3966.	1.4	46
87	Methodology of laboratory measurements in prospective studies on geneâ€“environment interactions: The experience of GenAir. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 574, 92-104.	0.4	45
88	A genome-wide association study for malignant mesothelioma risk. Lung Cancer, 2013, 82, 1-8.	0.9	45
89	Advances in the Genetics of Hypertension: The Effect of Rare Variants. International Journal of Molecular Sciences, 2018, 19, 688.	1.8	45
90	Elevated levels of D-dimers increase the risk of ischaemic and haemorrhagic stroke. Thrombosis and Haemostasis, 2014, 112, 941-946.	1.8	44

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91	Mitochondrial DNA copy number variation, leukocyte telomere length, and breast cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. Breast Cancer Research, 2018, 20, 29.	2.2	44
92	32P-Post-labelling method improvements for aromatic compound-related molecular epidemiology studies. Mutagenesis, 2007, 22, 381-385.	1.0	43
93	Differential Greek and northern African migrations to Sicily are supported by genetic evidence from the Y chromosome. European Journal of Human Genetics, 2009, 17, 91-99.	1.4	43
94	STrengthening the Reporting of OBservational studies in Epidemiology â€“ Molecular Epidemiology STROBE-ME: an extension of the STROBE statement. Journal of Clinical Epidemiology, 2011, 64, 1350-1363.	2.4	43
95	Epigenome-wide association study of adiposity and future risk of obesity-related diseases. International Journal of Obesity, 2018, 42, 2022-2035.	1.6	43
96	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. EBioMedicine, 2018, 38, 206-216.	2.7	43
97	Sensitivity to asbestos is increased in patients with mesothelioma and pathogenic germline variants in BAP1 or other DNA repair genes. Genes Chromosomes and Cancer, 2018, 57, 573-583.	1.5	43
98	Estrogen Receptor-Î± Polymorphisms and Angiographic Outcome After Coronary Artery Stenting. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 2223-2228.	1.1	42
99	Identification of novel risk loci and causal insights for sporadic Creutzfeldt-Jakob disease: a genome-wide association study. Lancet Neurology, The, 2020, 19, 840-848.	4.9	42
100	Complex interplay between neutral and adaptive evolution shaped differential genomic background and disease susceptibility along the Italian peninsula. Scientific Reports, 2016, 6, 32513.	1.6	41
101	The Italian genome reflects the history of Europe and the Mediterranean basin. European Journal of Human Genetics, 2016, 24, 1056-1062.	1.4	40
102	Effect of angiotensin-converting enzyme inhibition on restenosis after coronary stenting. American Journal of Cardiology, 2003, 91, 154-158.	0.7	38
103	Is there evidence of involvement of DNA repair polymorphisms in human cancer?. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 736, 117-121.	0.4	38
104	Identification of a novel susceptibility locus at 13q34 and refinement of the 20p12.2 region as a multi-signal locus associated with bladder cancer risk in individuals of European ancestry. Human Molecular Genetics, 2016, 25, 1203-1214.	1.4	38
105	DNA-repair measurements by use of the modified comet assay: An inter-laboratory comparison within the European Comet Assay Validation Group (ECVAG). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 757, 60-67.	0.9	37
106	Sardinians Genetic Background Explained by Runs of Homozygosity and Genomic Regions under Positive Selection. PLoS ONE, 2014, 9, e91237.	1.1	37
107	Increased micronucleus frequency in peripheral blood lymphocytes predicts the risk of bladder cancer. British Journal of Cancer, 2017, 116, 202-210.	2.9	36
108	Dietary fibre intake and ischaemic heart disease mortality: the European Prospective Investigation into Cancer and Nutrition-Heart study. European Journal of Clinical Nutrition, 2012, 66, 950-956.	1.3	35

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109	Development of an Italian RM Y-STR haplotype database: Results of the 2013 GEFI collaborative exercise. Forensic Science International: Genetics, 2015, 15, 56-63.	1.6	35
110	Exposure to the Tobacco Smoke Constituent 4-Aminobiphenyl Induces Chromosomal Instability in Human Cancer Cells. Cancer Research, 2007, 67, 7088-7094.	0.4	34
111	XRCC1 and ERCC1 variants modify malignant mesothelioma risk: A caseâ€“control study. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 708, 11-20.	0.4	34
112	Geneâ€“asbestos interaction in malignant pleural mesothelioma susceptibility. Carcinogenesis, 2015, 36, 1129-1135.	1.3	34
113	Haptoglobin phenotype and the risk of restenosis after coronary artery stent implantation. American Journal of Cardiology, 2002, 89, 806-810.	0.7	33
114	Type 1 plasminogen activator inhibitor as a common risk factor for cancer and ischaemic vascular disease: the EPICOR study. BMJ Open, 2013, 3, e003725.	0.8	33
115	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.	1.7	33
116	Bulky DNA adducts and risk of cancer: a meta-analysis. Cancer Epidemiology Biomarkers and Prevention, 2003, 12, 157-60.	1.1	33
117	4-Aminobiphenyl-Hemoglobin Adducts and Risk of Smoking-Related Disease in Never Smokers and Former Smokers in the European Prospective Investigation into Cancer and Nutrition Prospective Study. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2118-2124.	1.1	32
118	Small effective population size and genetic homogeneity in the Val Borbera isolate. European Journal of Human Genetics, 2013, 21, 89-94.	1.4	32
119	Combination of DNA repair gene single nucleotide polymorphisms and increased levels of DNA adducts in a population-based study. Cancer Epidemiology Biomarkers and Prevention, 2003, 12, 674-7.	1.1	32
120	Expression of DNA repair and metabolic genes in response to a flavonoid-rich diet. British Journal of Nutrition, 2007, 98, 525-533.	1.2	31
121	Synergistic effect of renin-angiotensin system and nitric oxide synthase genes polymorphisms in pre-eclampsia. Acta Obstetricia Et Gynecologica Scandinavica, 2007, 86, 678-682.	1.3	30
122	ERCC1 haplotypes modify bladder cancer risk: A caseâ€“control study. DNA Repair, 2010, 9, 191-200.	1.3	30
123	Variation of DNA damage levels in peripheral blood mononuclear cells isolated in different laboratories. Mutagenesis, 2014, 29, 241-249.	1.0	30
124	Genetic predisposition for malignant mesothelioma: A concise review. Mutation Research - Reviews in Mutation Research, 2019, 781, 1-10.	2.4	30
125	CTLA4 gene polymorphism in Italian patients with colorectal adenoma and cancer. Digestive and Liver Disease, 2005, 37, 170-175.	0.4	29
126	Shorter Leukocyte Telomere Length Is Independently Associated with Poor Survival in Patients with Bladder Cancer. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2439-2446.	1.1	29

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127	A birdâ€™s-eye view of Italian genomic variation through whole-genome sequencing. European Journal of Human Genetics, 2020, 28, 435-444.	1.4	29
128	Association Between Aryl Hydrocarbon Receptor Genotype and Survival in Soft Tissue Sarcoma. Journal of Clinical Oncology, 2004, 22, 3997-4001.	0.8	28
129	Intake of fruits and vegetables and polymorphisms in DNA repair genes in bladder cancer. Mutagenesis, 2007, 22, 281-285.	1.0	28
130	DNA repair gene expression level in peripheral blood and tumour tissue from non-small cell lung cancer and head and neck squamous cell cancer patients. DNA Repair, 2012, 11, 374-380.	1.3	28
131	Genotypeâ€“phenotype analysis of S326C OGG1 polymorphism: a risk factor for oxidative pathologies. Free Radical Biology and Medicine, 2013, 63, 401-409.	1.3	28
132	Peripheral Blood DNA Methylation as Potential Biomarker of Malignant Pleural Mesothelioma in Asbestos-Exposed Subjects. Journal of Thoracic Oncology, 2019, 14, 527-539.	0.5	28
133	Polymorphisms in theXRCC1gene modify survival of bladder cancer patients treated with chemotherapy. International Journal of Cancer, 2013, 133, 2004-2009.	2.3	27
134	Plasma Riboflavin and Vitamin B-6, but Not Homocysteine, Folate, or Vitamin B-12, Are Inversely Associated with Breast Cancer Risk in the European Prospective Investigation into Cancer and Nutrition-Varese Cohort. Journal of Nutrition, 2016, 146, 1227-1234.	1.3	27
135	Y-chromosomal STR haplotypes in a population sample from continental Greece, and the islands of Crete and Chios. Forensic Science International, 2004, 145, 61-64.	1.3	26
136	Role of TGF-Î²1 haplotypes in the occurrence of myocardial infarction in young Italian patients. BMC Medical Genetics, 2008, 9, 13.	2.1	26
137	Expectations and challenges stemming from genome-wide association studies. Mutagenesis, 2008, 23, 439-444.	1.0	26
138	Prediagnostic telomere length and risk of B-cell lymphoma-Results from the EPIC cohort study. International Journal of Cancer, 2014, 135, 2910-2917.	2.3	26
139	Combined miRNA and SERS urine liquid biopsy for the point-of-care diagnosis and molecular stratification of bladder cancer. Molecular Medicine, 2022, 28, 39.	1.9	26
140	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases. Nature Communications, 2022, 13, 2408.	5.8	26
141	Renin-angiotensin-aldosterone system polymorphisms: a role or a hole in occurrence and long-term prognosis of acute myocardial infarction at young age. BMC Medical Genetics, 2007, 8, 27.	2.1	25
142	Bulky DNA Adducts in White Blood Cells: A Pooled Analysis of 3,600 Subjects. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 3174-3181.	1.1	24
143	Association between transforming growth factor beta1 gene polymorphisms and IgA nephropathy. Journal of Nephrology, 2004, 17, 786-93.	0.9	24
144	Ras gene mutations in patients with acute myeloid leukaemia and exposure to chemical agents. Carcinogenesis, 2003, 25, 749-755.	1.3	23

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145	Bulky DNA adducts, 4-aminobiphenyl-haemoglobin adducts and diet in the European Prospective Investigation into Cancer and Nutrition (EPIC) prospective study. British Journal of Nutrition, 2008, 100, 489-495.	1.2	23
146	8-Oxoguanine DNA-glycosylase repair activity and expression: A comparison between cryopreserved isolated lymphocytes and EBV-derived lymphoblastoid cell lines. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 718, 62-67.	0.9	23
147	Geneâ€"Environment Interactions: How Many False Positives?. Journal of the National Cancer Institute, 2005, 97, 550-551.	3.0	22
148	STrengthening the Reporting of OBservational studies in Epidemiology - Molecular Epidemiology (STROBE-ME): An extension of the STROBE statement. Mutagenesis, 2012, 27, 17-29.	1.0	22
149	Micronutrients Involved in One-Carbon Metabolism and Risk of Breast Cancer Subtypes. PLoS ONE, 2015, 10, e0138318.	1.1	22
150	Correlates of circulating ovarian cancer early detection markers and their contribution to discrimination of early detection models: results from the EPIC cohort. Journal of Ovarian Research, 2017, 10, 20.	1.3	22
151	Identification of novel circulating microRNAs in advanced heart failure by nextâ€generation sequencing. ESC Heart Failure, 2021, 8, 2907-2919.	1.4	22
152	An evolutionary paradigm for carcinogenesis?. Journal of Epidemiology and Community Health, 2003, 57, 89-95.	2.0	20
153	Interaction between gene polymorphisms of nitric oxide synthase and renin-angiotensin system in the progression of membranous glomerulonephritis. Nephrology Dialysis Transplantation, 2004, 19, 587-595.	0.4	20
154	Restriction of the T-cell receptor V delta gene repertoire is due to preferential rearrangement and is independent of antigen selection. Immunogenetics, 1995, 42, 323-332.	1.2	19
155	Smoking, DNA Adducts and Number of Risk DNA Repair Alleles in Lung Cancer Cases, in Subjects with Benign Lung Diseases and in Controls. Journal of Nucleic Acids, 2010, 2010, 1-7.	0.8	19
156	STrengthening the reporting of OBservational studies in Epidemiologyâ€"Molecular Epidemiology (STROBE-ME): an extension of the STROBE statement. European Journal of Epidemiology, 2011, 26, 797-810.	2.5	18
157	Tumorâ€associated autoantibodies as early detection markers for ovarian cancer? A prospective evaluation. International Journal of Cancer, 2018, 143, 515-526.	2.3	18
158	Extracellular vesicles derived from tumour cells as a trigger of energy crisis in the skeletal muscle. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 481-494.	2.9	18
159	Autosomal Microsatellite and mtDNA Genetic Analysis in Sicily (Italy). Annals of Human Genetics, 2003, 67, 42-53.	0.3	17
160	Randomized controlled trial: effects of diet on DNA damage in heavy smokers. Mutagenesis, 2006, 21, 179-183.	1.0	17
161	Epigenetic signatures of internal migration in Italy. International Journal of Epidemiology, 2015, 44, 1442-1449.	0.9	17
162	Association study of the I/D polymorphism and plasma angiotensin-converting enzyme (ACE) as risk factors for stent restenosis. Clinical Science, 2004, 107, 381-389.	1.8	16

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163	Unsuitability of lymphoblastoid cell lines as surrogate of cryopreserved isolated lymphocytes for the analysis of DNA double-strand break repair activity. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 684, 98-105.	0.4	16
164	Circulating concentrations of vitamin D in relation to pancreatic cancer risk in European populations. International Journal of Cancer, 2018, 142, 1189-1201.	2.3	16
165	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.	3.7	16
166	H2AX phosphorylation level in peripheral blood mononuclear cells as an eventâ€free survival predictor for bladder cancer. Molecular Carcinogenesis, 2016, 55, 1833-1842.	1.3	15
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168	Validation of the nucleotide excision repair comet assay on cryopreserved PBMCs to measure inter-individual variation in DNA repair capacity. Mutagenesis, 2013, 28, 65-70.	1.0	14
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