Thomas BrÃ¼ning

List of Publications by Year
in descending order

477 papers	22,112 citations	15466 65 h-index	16605 123 g-index
488 all docs	488 docs citations	488 times ranked	25850 citing authors

#	Article	IF	Citations
1	Association analysis identifies 65 new breast cancer risk loci. Nature, 2017, 551, 92-94.	13.7	1,099
2	Large-scale genotyping identifies 41 new loci associated with breast cancer risk. Nature Genetics, 2013, 45, 353-361.	9.4	960
3	Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes. American Journal of Human Genetics, 2019, 104, 21-34.	2.6	711
4	Assessing exposure to phthalates â€“ The human biomonitoring approach. Molecular Nutrition and Food Research, 2011, 55, 7-31.	1.5	625
5	Associations of Breast Cancer Risk Factors With Tumor Subtypes: A Pooled Analysis From the Breast Cancer Association Consortium Studies. Journal of the National Cancer Institute, 2011, 103, 250-263.	3.0	596
6	Genome-wide association analysis of more than 120,000 individuals identifies 15 new susceptibility loci for breast cancer. Nature Genetics, 2015, 47, 373-380.	9.4	513
7	Multiple independent variants at the TERT locus are associated with telomere length and risks of breast and ovarian cancer. Nature Genetics, 2013, 45, 371-384.	9.4	493
8	Prediction of Breast Cancer Risk Based on Profiling With Common Genetic Variants. Journal of the National Cancer Institute, 2015, 107, .	3.0	428
9	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. Nature Genetics, 2017, 49, 834-841.	9.4	426
10	Cigarette smoking and lung cancerâ€"relative risk estimates for the major histological types from a pooled analysis of caseâ€"control studies. International Journal of Cancer, 2012, 131, 1210-1219.	2.3	390
11	Genome-wide association studies identify four ER negativeâ€"specific breast cancer risk loci. Nature Genetics, 2013, 45, 392-398.	9.4	374
12	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. Nature Genetics, 2015, 47, 1294-1303.	9.4	357
13	Heterogeneity of Breast Cancer Associations with Five Susceptibility Loci by Clinical and Pathological Characteristics. PLoS Genetics, 2008, 4, e1000054.	1.5	315
14	Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. Nature Genetics, 2017, 49, 1767-1778.	9.4	289
15	Identifying sources of phthalate exposure with human biomonitoring: Results of a 48h fasting study with urine collection and personal activity patterns. International Journal of Hygiene and Environmental Health, 2013, 216, 672-681.	2.1	269
16	Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. Nature Genetics, 2020, 52, 572-581.	9.4	265
17	Genome-wide association analysis identifies three new breast cancer susceptibility loci. Nature Genetics, 2012, 44, 312-318.	9.4	256
18	PALB2,CHEK2andATMrare variants and cancer risk: data from COGS. Journal of Medical Genetics, 2016, 53, 800-811.	1.5	174

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19	Evaluation of long noncoding RNA MALAT1 as a candidate blood-based biomarker for the diagnosis of non-small cell lung cancer. BMC Research Notes, 2013, 6, 518.	0.6	173
20	Phthalate metabolites in 24-h urine samples of the German Environmental Specimen Bank (ESB) from 1988 to 2015 and a comparison with US NHANES data from 1999 to 2012. International Journal of Hygiene and Environmental Health, 2017, 220, 130-141.	2.1	159
21	Genome-Wide Meta-Analyses of Breast, Ovarian, and Prostate Cancer Association Studies Identify Multiple New Susceptibility Loci Shared by at Least Two Cancer Types. Cancer Discovery, 2016, 6, 1052-1067.	7.7	157
22	Low penetrance breast cancer susceptibility loci are associated with specific breast tumor subtypes: findings from the Breast Cancer Association Consortium. Human Molecular Genetics, 2011, 20, 3289-3303.	1.4	152
23	Age- and Tumor Subtypeâ€“Specific Breast Cancer Risk Estimates for CHEK2*1100delC Carriers. Journal of Clinical Oncology, 2016, 34, 2750-2760.	0.8	152
24	Bisphenol A in 24â€‰h urine and plasma samples of the German Environmental Specimen Bank from 1995 to 2009: A retrospective exposure evaluation. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 610-616.	1.8	151
25	Exposure to Diesel Motor Exhaust and Lung Cancer Risk in a Pooled Analysis from Case-Control Studies in Europe and Canada. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 941-948.	2.5	150
26	Exposure to phthalates in 5â€“6 years old primary school starters in Germanyâ€”A human biomonitoring study and a cumulative risk assessment. International Journal of Hygiene and Environmental Health, 2011, 214, 188-195.	2.1	149
27	Markers of genetic susceptibility in human environmental hygiene and toxicology: The role of selected CYP, NAT and GST genes. International Journal of Hygiene and Environmental Health, 2003, 206, 149-171.	2.1	147
28	Evidence of Geneâ€“Environment Interactions between Common Breast Cancer Susceptibility Loci and Established Environmental Risk Factors. PLoS Genetics, 2013, 9, e1003284.	1.5	136
29	Sensory irritation as a basis for setting occupational exposure limits. Archives of Toxicology, 2014, 88, 1855-1879.	1.9	125
30	Occupational endotoxin-exposure and possible health effects on humans (review). American Journal of Industrial Medicine, 2006, 49, 474-491.	1.0	124
31	Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. Nature Genetics, 2020, 52, 56-73.	9.4	120
32	Night shift work and breast cancer: a pooled analysis of population-based caseâ€“control studies with complete work history. European Journal of Epidemiology, 2018, 33, 369-379.	2.5	119
33	Genetically Predicted Body Mass Index and Breast Cancer Risk: Mendelian Randomization Analyses of Data from 145,000 Women of European Descent. PLoS Medicine, 2016, 13, e1002105.	3.9	118
34	Metabolism and elimination of methyl, iso- and n-butyl paraben in human urine after single oral dosage. Archives of Toxicology, 2016, 90, 2699-2709.	1.9	113
35	Renal Toxicity and Carcinogenicity of Trichloroethylene: Key Results, Mechanisms, and Controversies. Critical Reviews in Toxicology, 2000, 30, 253-285.	1.9	110
36	Lung cancer and socioeconomic status in a pooled analysis of case-control studies. PLoS ONE, 2018, 13, e0192999.	1.1	107

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37	Night work and breast cancer â€“ results from the German GENICA study. Scandinavian Journal of Work, Environment and Health, 2010, 36, 134-141.	1.7	107
38	Selenium-mediated inhibition of transcription factor NF-Îºâ€šB and HIV-1 LTR promoter activity. Archives of Toxicology, 1996, 70, 277-283.	1.9	105
39	Evidence that breast cancer risk at the 2q35 locus is mediated through IGFBP5 regulation. Nature Communications, 2014, 5, 4999.	5.8	105
40	Height and Breast Cancer Risk: Evidence From Prospective Studies and Mendelian Randomization. Journal of the National Cancer Institute, 2015, 107, djv219.	3.0	99
41	Fine-Scale Mapping of the FGFR2 Breast Cancer Risk Locus: Putative Functional Variants Differentially Bind FOXA1 and E2F1. American Journal of Human Genetics, 2013, 93, 1046-1060.	2.6	98
42	Is Previous Respiratory Disease a Risk Factor for Lung Cancer?. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 549-559.	2.5	97
43	Refined histopathological predictors of BRCA1 and BRCA2mutation status: a large-scale analysis of breast cancer characteristics from the BCAC, CIMBA, and ENIGMA consortia. Breast Cancer Research, 2014, 16, 3419.	2.2	97
44	Entering markets and bodies: Increasing levels of the novel plasticizer HexamollÂ® DINCHÂ® in 24h urine samples from the German Environmental Specimen Bank. International Journal of Hygiene and Environmental Health, 2014, 217, 421-426.	2.1	96
45	Metabolism of the plasticizer and phthalate substitute diisononyl-cyclohexane-1,2-dicarboxylate (DINCHÂ®) in humans after single oral doses. Archives of Toxicology, 2013, 87, 799-806.	1.9	95
46	Marker-free automated histopathological annotation of lung tumour subtypes by FTIR imaging. Analyst, The, 2015, 140, 2114-2120.	1.7	95
47	Concentration-dependent systemic response after inhalation of nano-sized zinc oxide particles in human volunteers. Particle and Fibre Toxicology, 2018, 15, 8.	2.8	95
48	FTIR spectroscopy of biofluids revisited: an automated approach to spectral biomarker identification. Analyst, The, 2013, 138, 4092.	1.7	93
49	Renal cell cancer risk and occupational exposure to trichloroethylene: Results of a consecutive case-control study in Arnsberg, Germany. American Journal of Industrial Medicine, 2003, 43, 274-285.	1.0	91
50	Joint associations of a polygenic risk score and environmental risk factors for breast cancer in the Breast Cancer Association Consortium. International Journal of Epidemiology, 2018, 47, 526-536.	0.9	88
51	Influence of polymorphisms of GSTM1 and GSTT1 for risk of renal cell cancer in workers with long-term high occupational exposure to trichloroethene. Archives of Toxicology, 1997, 71, 596-599.	1.9	83
52	Assessing interactions between the associations of common genetic susceptibility variants, reproductive history and body mass index with breast cancer risk in the breast cancer association consortium: a combined case-control study. Breast Cancer Research, 2010, 12, R110.	2.2	82
53	Associations of obesity and circulating insulin and glucose with breast cancer risk: a Mendelian randomization analysis. International Journal of Epidemiology, 2019, 48, 795-806.	0.9	81
54	BRCA2 Polymorphic Stop Codon K3326X and the Risk of Breast, Prostate, and Ovarian Cancers. Journal of the National Cancer Institute, 2016, 108, djv315.	3.0	77

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55	Identification of miRNA-103 in the Cellular Fraction of Human Peripheral Blood as a Potential Biomarker for Malignant Mesothelioma â€“ A Pilot Study. PLoS ONE, 2012, 7, e30221.	1.1	77
56	From chemosensory thresholds to whole body exposuresâ€”experimental approaches evaluating chemosensory effects of chemicals. International Archives of Occupational and Environmental Health, 2006, 79, 308-321.	1.1	76
57	Fine-Scale Mapping of the 5q11.2 Breast Cancer Locus Reveals at Least Three Independent Risk Variants Regulating MAP3K1. American Journal of Human Genetics, 2015, 96, 5-20.	2.6	76
58	Rapid determination of nine parabens and seven other environmental phenols in urine samples of German children and adults. International Journal of Hygiene and Environmental Health, 2014, 217, 845-853.	2.1	75
59	BRCA2 Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. Cancer Research, 2017, 77, 2789-2799.	0.4	75
60	Strong mutagenic effects of diesel engine emissions using vegetable oil as fuel. Archives of Toxicology, 2007, 81, 599-603.	1.9	73
61	Head and Neck Squamous-Cell Cancer and its Association with Polymorphic Enzymes of Xenobiotic Metabolism and Repair. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 887-897.	1.1	71
62	Associations of common variants at 1p11.2 and 14q24.1 (RAD51L1) with breast cancer risk and heterogeneity by tumor subtype: findings from the Breast Cancer Association Consortiumâ€. Human Molecular Genetics, 2011, 20, 4693-4706.	1.4	71
63	Quantification of biomarkers of environmental exposure to di(isononyl)cyclohexane-1,2-dicarboxylate (DINCH) in urine via HPLCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 895-896, 123-130.	1.2	71
64	Exposureâ€“Response Analyses of Asbestos and Lung Cancer Subtypes in a Pooled Analysis of Caseâ€“Control Studies. Epidemiology, 2017, 28, 288-299.	1.2	71
65	Phthalate metabolites in urine of children and adolescents in Germany. Human biomonitoring results of the German Environmental Survey GerES V, 2014â€“2017. International Journal of Hygiene and Environmental Health, 2020, 225, 113444.	2.1	71
66	Levels and predictors of airborne and internal exposure to chromium and nickel among weldersâ€”Results of the WELDOX study. International Journal of Hygiene and Environmental Health, 2013, 216, 175-183.	2.1	70
67	It's in your blood: spectral biomarker candidates for urinary bladder cancer from automated FTIR spectroscopy. Journal of Biophotonics, 2014, 7, 210-221.	1.1	69
68	One-Carbon Metabolism and Breast Cancer Risk: No Association of MTHFR, MTR, and TYMS Polymorphisms in the GENICA Study from Germany. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 3015-3018.	1.1	68
69	Levels and predictors of airborne and internal exposure to manganese and iron among welders. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 291-298.	1.8	67
70	SYN-JEM: A Quantitative Job-Exposure Matrix for Five Lung Carcinogens. Annals of Occupational Hygiene, 2016, 60, 795-811.	1.9	67
71	Exposure to Inhalable, Respirable, and Ultrafine Particles in Welding Fume. Annals of Occupational Hygiene, 2012, 56, 557-67.	1.9	66
72	Component-resolved diagnosis of baker's allergy based on specific IgE to recombinant wheat flour proteinsâ^—. Journal of Allergy and Clinical Immunology, 2015, 135, 1529-1537.	1.5	66

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73	A New Method to Bind Allergens for the Measurement of Specific IgE Antibodies. International Archives of Allergy and Immunology, 2005, 136, 39-44.	0.9	65
74	Assessment of mRNA and microRNA Stabilization in Peripheral Human Blood for Multicenter Studies and Biobanks. Biomarker Insights, 2010, 5, BMI.S5522.	1.0	65
75	Occupational exposure to polycyclic aromatic hydrocarbons in German industries: Association between exogenous exposure and urinary metabolites and its modulation by enzyme polymorphisms. Toxicology Letters, 2005, 157, 241-255.	0.4	63
76	Decline in air pollution and change in prevalence in respiratory symptoms and chronic obstructive pulmonary disease in elderly women. Respiratory Research, 2010, 11, 113.	1.4	63
77	Time trend of exposure to the phthalate plasticizer substitute DINCH in Germany from 1999 to 2017: Biomonitoring data on young adults from the Environmental Specimen Bank (ESB). International Journal of Hygiene and Environmental Health, 2019, 222, 1084-1092.	2.1	63
78	CYP2C19*17 is associated with decreased breast cancer risk. Breast Cancer Research and Treatment, 2009, 115, 391-396.	1.1	62
79	Species differences in the glutathione transferase GSTT1-1 activity towards the model substrates methyl chloride and dichloromethane in liver and kidney. Archives of Toxicology, 1998, 72, 622-629.	1.9	57
80	Exhaled breath condensate and airway inflammation. Current Opinion in Allergy and Clinical Immunology, 2009, 9, 16-22.	1.1	57
81	Combustion of Hydrotreated Vegetable Oil and Jatropha Methyl Ester in a Heavy Duty Engine: Emissions and Bacterial Mutagenicity. Environmental Science & Technology, 2013, 47, 6038-6046.	4.6	57
82	Factors Modifying the Association Between Hormone-Replacement Therapy and Breast Cancer Risk. European Journal of Epidemiology, 2005, 20, 699-711.	2.5	56
83	Welding and Lung Cancer in a Pooled Analysis of Case-Control Studies. American Journal of Epidemiology, 2013, 178, 1513-1525.	1.6	55
84	Daily intake and hazard index of parabens based upon 24â€‰h urine samples of the German Environmental Specimen Bank from 1995 to 2012. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 591-600.	1.8	55
85	Cytochrome P450 1B1, a new keystone in gene-environment interactions related to human head and neck cancer?. Archives of Toxicology, 2002, 76, 249-256.	1.9	54
86	Shift work and the incidence of prostate cancer: a 10-year follow-up of a German population-based cohort study. Scandinavian Journal of Work, Environment and Health, 2017, 43, 560-568.	1.7	54
87	Common non-synonymous SNPs associated with breast cancer susceptibility: findings from the Breast Cancer Association Consortium. Human Molecular Genetics, 2014, 23, 6096-6111.	1.4	53
88	Parabens in 24h urine samples of the German Environmental Specimen Bank from 1995 to 2012. International Journal of Hygiene and Environmental Health, 2015, 218, 666-674.	2.1	52
89	Metabolism and urinary excretion kinetics of di(2-ethylhexyl) terephthalate (DEHTP) in three male volunteers after oral dosage. Archives of Toxicology, 2016, 90, 1659-1667.	1.9	52
90	Occupational UV-Exposure is a Major Risk Factor for Basal Cell Carcinoma. Journal of Occupational and Environmental Medicine, 2018, 60, 36-43.	0.9	52

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91	Expression of xenobiotic and steroid hormone metabolizing enzymes in human breast carcinomas. International Journal of Cancer, 2006, 119, 1785-1791.	2.3	51
92	Urinary metabolite excretion after oral dosage of bis(2-propylheptyl) phthalate (DPHP) to five male volunteers â€“ Characterization of suitable biomarkers for human biomonitoring. Toxicology Letters, 2014, 231, 282-288.	0.4	51
93	Pathology of Tumors Associated With Pathogenic Germline Variants in 9 Breast Cancer Susceptibility Genes. JAMA Oncology, 2022, 8, e216744.	3.4	51
94	Haemoglobin adducts of acrylonitrile and ethylene oxide in acrylonitrile workers, dependent on polymorphisms of the glutathione transferases GSTT1 and GSTM1. Archives of Toxicology, 1999, 73, 197-202.	1.9	50
95	The CASP8 -652 6N del promoter polymorphism and breast cancer risk: a multicenter study. Breast Cancer Research and Treatment, 2008, 111, 139-144.	1.1	50
96	Occupational exposure to polycyclic aromatic hydrocarbons and DNA damage by industry: a nationwide study in Germany. Archives of Toxicology, 2009, 83, 947-957.	1.9	50
97	Stability of targeted metabolite profiles of urine samples under different storage conditions. Metabolomics, 2017, 13, 4.	1.4	50
98	Renal cell carcinomas in trichloroethene(TRI) exposed persons are associated with somatic mutations in the von Hippel-Lindau (VHL) tumour suppressor gene. Archives of Toxicology, 1997, 71, 332-335.	1.9	49
99	VHL mutations in renal cell cancer: does occupational exposure to trichloroethylene make a difference?. Toxicology Letters, 2004, 151, 301-310.	0.4	49
100	MicroRNA Related Polymorphisms and Breast Cancer Risk. PLoS ONE, 2014, 9, e109973.	1.1	49
101	Phthalate metabolites and bisphenol A in urines from German school-aged children: Results of the Duisburg Birth Cohort and Bochum Cohort Studies. International Journal of Hygiene and Environmental Health, 2014, 217, 830-838.	2.1	49
102	Spatial and molecular resolution of diffuse malignant mesothelioma heterogeneity by integrating label-free FTIR imaging, laser capture microdissection and proteomics. Scientific Reports, 2017, 7, 44829.	1.6	49
103	Current external and internal exposure to naphthalene of workers occupationally exposed to polycyclic aromatic hydrocarbons in different industries. International Archives of Occupational and Environmental Health, 2005, 78, 355-362.	1.1	48
104	Albumin and hemoglobin adducts of benzo[a]pyrene in humansâ€”Analytical methods, exposure assessment, and recommendations for future directions. Critical Reviews in Toxicology, 2010, 40, 126-150.	1.9	48
105	Modelling of occupational respirable crystalline silica exposure for quantitative exposure assessment in community-based case-control studies. Journal of Environmental Monitoring, 2011, 13, 3262.	2.1	48
106	Combination of MiR-103a-3p and Mesothelin Improves the Biomarker Performance of Malignant Mesothelioma Diagnosis. PLoS ONE, 2014, 9, e114483.	1.1	48
107	Sensory and pulmonary effects of acute exposure to sulfur dioxide (SO2). Toxicology Letters, 2010, 196, 42-50.	0.4	47
108	Glutathione transferase alpha as a marker for tubular damage after trichloroethylene exposure. Archives of Toxicology, 1999, 73, 246-254.	1.9	45

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109	Clinical experience with survivin as a biomarker for urothelial bladder cancer. World Journal of Urology, 2010, 28, 399-404.	1.2	45
110	Occupational exposure to organic dust increases lung cancer risk in the general population. Thorax, 2012, 67, 111-116.	2.7	45
111	Screening for bladder cancer with urinary tumor markers in chemical workers with exposure to aromatic amines. International Archives of Occupational and Environmental Health, 2014, 87, 715-724.	1.1	45
112	Combined Associations of a Polygenic Risk Score and Classical Risk Factors With Breast Cancer Risk. Journal of the National Cancer Institute, 2021, 113, 329-337.	3.0	45
113	Occupational exposure of air crews to tricresyl phosphate isomers and organophosphate flame retardants after fume events. Archives of Toxicology, 2013, 87, 645-648.	1.9	44
114	Determination of metabolites of di(2-ethylhexyl) terephthalate (DEHTP) in human urine by HPLC-MS/MS with on-line clean-up. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1011, 196-203.	1.2	44
115	Night work and breast cancer estrogen receptor status â€“ results from the German GENICA study. Scandinavian Journal of Work, Environment and Health, 2013, 39, 448-455.	1.7	44
116	Analyses in human urothelial cells identify methylation of miR-152, miR-200b and miR-10a genes as candidate bladder cancer biomarkers. Biochemical and Biophysical Research Communications, 2013, 438, 48-53.	1.0	43
117	Genetic predisposition to ductal carcinoma in situ of the breast. Breast Cancer Research, 2016, 18, 22.	2.2	43
118	Exposure to Welding Fumes, Hexavalent Chromium, or Nickel and Risk of Lung Cancer. American Journal of Epidemiology, 2019, 188, 1984-1993.	1.6	43
119	The role of haematuria in bladder cancer screening among men with former occupational exposure to aromatic amines. BJU International, 2011, 108, 546-552.	1.3	42
120	Partition of metals in the maternal/fetal unit and lead-associated decreases of fetal iron and manganese: an observational biomonitoring approach. Archives of Toxicology, 2012, 86, 1571-1581.	1.9	42
121	Nuclear matrix proteinâ€22: a prospective evaluation in a population at risk for bladder cancer. Results from the UroScreen study. BJU International, 2012, 110, 699-708.	1.3	42
122	Ubiquitous presence of paracetamol in human urine: sources and implications. Reproduction, 2014, 147, R105-R117.	1.1	42
123	Cancer risks of firefighters: a systematic review and meta-analysis of secular trends and region-specific differences. International Archives of Occupational and Environmental Health, 2020, 93, 839-852.	1.1	41
124	Development of an Exposure Measurement Database on Five Lung Carcinogens (ExpoSYN) for Quantitative Retrospective Occupational Exposure Assessment. Annals of Occupational Hygiene, 2012, 56, 70-9.	1.9	40
125	Rapid determination of N-acetyl-4-aminophenol (paracetamol) in urine by tandem mass spectrometry coupled with on-line clean-up by two dimensional turbulent flow/reversed phase liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 925, 33-39.	1.2	40
126	Polymorphisms in circadian genes, night work and breast cancer: Results from the GENICA study. Chronobiology International, 2014, 31, 1115-1122.	0.9	40

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127	Fine-mapping identifies two additional breast cancer susceptibility loci at 9q31.2. Human Molecular Genetics, 2015, 24, 2966-2984.	1.4	40
128	German populations with infrequent CHEK2*1100delC and minor associations with early-onset and familial breast cancer. European Journal of Cancer, 2005, 41, 2896-2903.	1.3	39
129	The CYP1B1_1358_GG genotype is associated with estrogen receptor-negative breast cancer. Breast Cancer Research and Treatment, 2008, 111, 171-177.	1.1	39
130	Airborne exposure to inhalable hexavalent chromium in welders and other occupations: Estimates from the German MEGA database. International Journal of Hygiene and Environmental Health, 2015, 218, 500-506.	2.1	39
131	Integrated Fourier Transform Infrared Imaging and Proteomics for Identification of a Candidate Histochemical Biomarker in Bladder Cancer. American Journal of Pathology, 2019, 189, 619-631.	1.9	39
132	Diagnostic Value of the Impairment of Olfaction in Parkinson's Disease. PLoS ONE, 2013, 8, e64735.	1.1	39
133	Genetic susceptibility to environmental toxicants: the interface between human and experimental studies in the development of new toxicological concepts. Toxicology Letters, 2002, 127, 321-327.	0.4	38
134	Role of exposure to radon and silicosis on the cell type of lung carcinoma in German uranium miners. Cancer, 2006, 106, 881-889.	2.0	38
135	Breast Cancer Risk Reduction and Membrane-Bound Catechol O-Methyltransferase Genetic Polymorphisms. Cancer Research, 2008, 68, 5997-6005.	0.4	38
136	Development of a 1-concentration-4-step dosimeter protocol for methacholine testing. Respiratory Medicine, 2009, 103, 607-613.	1.3	38
137	Ether oxygenate additives in gasoline reduce toxicity of exhausts. Toxicology, 2010, 268, 198-203.	2.0	38
138	Effect Modification of the Association of Cumulative Exposure and Cancer Risk by Intensity of Exposure and Time Since Exposure Cessation: A Flexible Method Applied to Cigarette Smoking and Lung Cancer in the SYNERGY Study. American Journal of Epidemiology, 2014, 179, 290-298.	1.6	38
139	Identification and characterization of novel associations in the CASP8/ALS2CR12 region on chromosome 2 with breast cancer risk. Human Molecular Genetics, 2015, 24, 285-298.	1.4	38
140	Noninvasive Diagnosis of High-Grade Urothelial Carcinoma in Urine by Raman Spectral Imaging. Analytical Chemistry, 2017, 89, 6893-6899.	3.2	38
141	Development of an enzyme-linked immunosorbent assay for the detection of human calretinin in plasma and serum of mesothelioma patients. BMC Cancer, 2010, 10, 242.	1.1	37
142	Evidence of increased skin irritation after wet work: impact of water exposure and occlusion. Contact Dermatitis, 2012, 67, 217-228.	0.8	37
143	Highly Immunoreactive IgG Antibodies Directed against a Set of Twenty Human Proteins in the Sera of Patients with Amyotrophic Lateral Sclerosis Identified by Protein Array. PLoS ONE, 2014, 9, e89596.	1.1	37
144	Exposure to the plasticizer di(2-ethylhexyl) terephthalate (DEHTP) in Portuguese children â€“ Urinary metabolite levels and estimated daily intakes. Environment International, 2017, 104, 25-32.	4.8	37

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145	Assessment of DNA Damage in WBCs of Workers Occupationally Exposed to Fumes and Aerosols of Bitumen. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 645-651.	1.1	36
146	Assessment of exposure in epidemiological studies: the example of silica dust. Journal of Exposure Science and Environmental Epidemiology, 2008, 18, 452-461.	1.8	36
147	Common variants in the UBC9 gene encoding the SUMOâ€conjugating enzyme are associated with breast tumor grade. International Journal of Cancer, 2009, 125, 596-602.	2.3	36
148	Air pollution and subclinical airway inflammation in the SALIA cohort study. Immunity and Ageing, 2014, 11, 5.	1.8	36
149	Determination of Urinary Metabolites of the Emerging UV Filter Octocrylene by Online-SPE-LC-MS/MS. Analytical Chemistry, 2018, 90, 944-951.	3.2	36
150	Investigation of Genetic Variants of Genes of the Hemochromatosis Pathway and Their Role in Breast Cancer. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 1102-1107.	1.1	35
151	Influence of fuel properties, nitrogen oxides, and exhaust treatment by an oxidation catalytic converter on the mutagenicity of diesel engine emissions. Archives of Toxicology, 2006, 80, 540-546.	1.9	35
152	Cancer mortality in a surveillance cohort of German males formerly exposed to asbestos. International Journal of Hygiene and Environmental Health, 2010, 213, 44-51.	2.1	35
153	Symptoms, Spirometry, and Serum Antibody Concentrations Among Compost Workers Exposed to Organic Dust. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 492-500.	1.1	35
154	11q13 is a susceptibility locus for hormone receptor positive breast cancer. Human Mutation, 2012, 33, 1123-1132.	1.1	35
155	Prediagnostic detection of mesothelioma by circulating calretinin and mesothelin â€“ a case-control comparison nested into a prospective cohort of asbestos-exposed workers. Scientific Reports, 2018, 8, 14321.	1.6	35
156	Environmentally prevalent polycyclic aromatic hydrocarbons can elicit co-carcinogenic properties in an in vitro murine lung epithelial cell model. Archives of Toxicology, 2018, 92, 1311-1322.	1.9	35
157	Association of cytochrome P450 2E1 polymorphisms and head and neck squamous cell cancer. Toxicology Letters, 2004, 151, 273-282.	0.4	34
158	New Biomarkers of Occupational Exposure to Polycyclic Aromatic Hydrocarbons. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 734-745.	1.1	34
159	Air sampling and determination of vapours and aerosols of bitumen and polycyclic aromatic hydrocarbons in the Human Bitumen Study. Archives of Toxicology, 2011, 85, 11-20.	1.9	34
160	Phthalate exposure during cold plastisol applicationâ€"a human biomonitoring study. Toxicology Letters, 2012, 213, 100-106.	0.4	34
161	Investigation of geneâ€environment interactions between 47 newly identified breast cancer susceptibility loci and environmental risk factors. International Journal of Cancer, 2015, 136, E685-96.	2.3	34
162	Lung cancer risk among bricklayers in a pooled analysis of caseâ€“control studies. International Journal of Cancer, 2015, 136, 360-371.	2.3	34

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163	Calretinin as a blood-based biomarker for mesothelioma. BMC Cancer, 2017, 17, 386.	1.1	34
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