

RadÃ¬m J Å rÇm

List of Publications by Year in descending order

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324
papers

12,455
citations

20817

60
h-index

39675

94
g-index

335
all docs

335
docs citations

335
times ranked

10892
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient Air Pollution and Pregnancy Outcomes: A Review of the Literature. <i>Environmental Health Perspectives</i> , 2005, 113, 375-382.	6.0	558
2	The impact of polycyclic aromatic hydrocarbons and fine particles on pregnancy outcome.. <i>Environmental Health Perspectives</i> , 2000, 108, 1159-1164.	6.0	367
3	Fetal growth and maternal exposure to particulate matter during pregnancy.. <i>Environmental Health Perspectives</i> , 1999, 107, 475-480.	6.0	292
4	Preterm birth, infant weight gain, and childhood asthma risk: A meta-analysis of 147,000 European children. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1317-1329.	2.9	285
5	Chromosomal aberration frequency in lymphocytes predicts the risk of cancer: results from a pooled cohort study of 22 358 subjects in 11 countries. <i>Carcinogenesis</i> , 2008, 29, 1178-1183.	2.8	279
6	Meeting Report: Atmospheric Pollution and Human Reproduction. <i>Environmental Health Perspectives</i> , 2008, 116, 791-798.	6.0	272
7	Chromosomal aberrations and SCEs as biomarkers of cancer risk. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 600, 37-45.	1.0	252
8	Pregnancy and Birth Cohort Resources in Europe: a Large Opportunity for Aetiological Child Health Research. <i>Paediatric and Perinatal Epidemiology</i> , 2013, 27, 393-414.	1.7	214
9	Prenatal Exposures to Persistent and Non-persistent Organic Compounds and Effects on Immune System Development. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 146-154.	2.5	203
10	Adverse reproductive outcomes from exposure to environmental mutagens. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 428, 203-215.	1.0	194
11	Infiltration of ambient PM2.5 and levels of indoor generated non-ETS PM2.5 in residences of four European cities. <i>Atmospheric Environment</i> , 2004, 38, 6411-6423.	4.1	167
12	Molecular epidemiology studies of carcinogenic environmental pollutants. <i>Mutation Research - Reviews in Mutation Research</i> , 2003, 544, 397-402.	5.5	165
13	Chromosomal Aberrations in Lymphocytes of Healthy Subjects and Risk of Cancer. <i>Environmental Health Perspectives</i> , 2005, 113, 517-520.	6.0	160
14	Children's exposure to environmental pollutants and biomarkers of genetic damage. Results of a comprehensive literature search and meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , 2006, 612, 14-39.	5.5	137
15	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2-deoxyguanosine. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2377-2391.	5.4	130
16	The exposure of nonsmoking and smoking mothers to environmental tobacco smoke during different gestational phases and fetal growth.. <i>Environmental Health Perspectives</i> , 2002, 110, 601-606.	6.0	121
17	International study of factors affecting human chromosome translocations. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 652, 112-121.	1.7	120
18	Biological activities of organic compounds adsorbed onto ambient air particles: comparison between the cities of Teplice and Prague during the summer and winter seasons 2000-2001. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 525, 43-59.	1.0	119

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19	European Birth Cohorts for Environmental Health Research. <i>Environmental Health Perspectives</i> , 2012, 120, 29-37.	6.0	116
20	Early Childhood Lower Respiratory Illness and Air Pollution. <i>Environmental Health Perspectives</i> , 2007, 115, 1510-1518.	6.0	115
21	The effect of dibenzo[a,l]pyrene and benzo[a]pyrene on human diploid lung fibroblasts: the induction of DNA adducts, expression of p53 and p21WAF1 proteins and cell cycle distribution. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 471, 57-70.	1.7	110
22	The relationship between biomarkers of oxidative DNA damage, polycyclic aromatic hydrocarbon DNA adducts, antioxidant status and genetic susceptibility following exposure to environmental air pollution in humans. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 620, 83-92.	1.0	109
23	DNA adducts and personal air monitoring of carcinogenic polycyclic aromatic hydrocarbons in an environmentally exposed population. <i>Carcinogenesis</i> , 1995, 16, 1037-1046.	2.8	102
24	GSTM1 genotype influences the susceptibility of men to sperm DNA damage associated with exposure to air pollution. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 625, 20-28.	1.0	101
25	Chromosomal aberrations, sister-chromatid exchanges, cells with high frequency of SCE, micronuclei and comet assay parameters in 1,3-butadiene-exposed workers. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 419, 145-154.	1.7	96
26	Genotoxicity and carcinogenicity of metronidazole. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1994, 317, 177-194.	2.9	94
27	Coke oven workers study: the effect of exposure and GSTM1 and NAT2 genotypes on DNA adduct levels in white blood cells and lymphocytes as determined by γ -postlabelling. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 416, 67-84.	1.7	89
28	Oxidative and nitrosative stress markers in bus drivers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 617, 23-32.	1.0	89
29	Relationship between experimental results in mammals and man. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1975, 31, 247-254.	0.4	87
30	The genotoxic effect of carcinogenic PAHs, their artificial and environmental mixtures (EOM) on human diploid lung fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 547, 109-121.	1.0	85
31	Health impact of air pollution to children. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 533-540.	4.3	82
32	Teplice program – the impact of air pollution on human health. <i>Environmental Health Perspectives</i> , 1996, 104, 699-714.	6.0	79
33	Influence of GSTM1 and NAT2 genotypes on placental DNA adducts in an environmentally exposed population. <i>Environmental and Molecular Mutagenesis</i> , 1997, 30, 184-195.	2.2	78
34	Air Pollution and Lymphocyte Phenotype Proportions in Cord Blood. <i>Environmental Health Perspectives</i> , 2005, 113, 1391-1398.	6.0	78
35	Assessment of exposure to butadiene in the process industry. <i>Toxicology</i> , 1996, 113, 77-83.	4.2	77
36	PAH – DNA adducts in environmentally exposed population in relation to metabolic and DNA repair gene polymorphisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 620, 49-61.	1.0	77

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37	Global gene expression changes in human embryonic lung fibroblasts induced by organic extracts from respirable air particles. <i>Particle and Fibre Toxicology</i> , 2012, 9, 1.	6.2	76
38	Transcriptome alterations in maternal and fetal cells induced by tobacco smoke. <i>Placenta</i> , 2011, 32, 763-770.	1.5	74
39	Biomarkers of genotoxicity of air pollution (the AULIS project): bulky DNA adducts in subjects with moderate to low exposures to airborne polycyclic aromatic hydrocarbons and their relationship to environmental tobacco smoke and other parameters. <i>Carcinogenesis</i> , 2001, 22, 1447-1457.	2.8	73
40	Factors affecting the 27K DNA methylation pattern in asthmatic and healthy children from locations with various environments. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2013, 741-742, 18-26.	1.0	73
41	Biomarkers of genotoxicity of urban air pollution. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 496, 207-228.	1.7	72
42	Biological effect monitoring in industrial workers from the Czech Republic exposed to low levels of butadiene. <i>Toxicology</i> , 1996, 113, 91-99.	4.2	71
43	Genotoxicity and embryotoxicity of urban air particulate matter collected during winter and summer period in two different districts of the Czech Republic. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999, 440, 45-58.	1.7	71
44	Micronuclei in neonates and children: effects of environmental, genetic, demographic and disease variables. <i>Mutagenesis</i> , 2011, 26, 51-56.	2.6	71
45	Short-Term Impact of Atmospheric Pollution on Fecundability. <i>Epidemiology</i> , 2013, 24, 871-879.	2.7	71
46	DNA-adducts and atherosclerosis: a study of accidental and sudden death males in the Czech Republic. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 501, 115-128.	1.0	67
47	Automated scoring of lymphocyte micronuclei by the MetaSystems Metafer image cytometry system and its application in studies of human mutagen sensitivity and biodosimetry of genotoxin exposure. <i>Mutagenesis</i> , 2011, 26, 169-175.	2.6	67
48	Impact of air pollution and genotype variability on DNA damage in Prague policemen. <i>Toxicology Letters</i> , 2007, 172, 37-47.	0.8	66
49	Air pollution exposure during critical time periods in gestation and alterations in cord blood lymphocyte distribution: a cohort of livebirths. <i>Environmental Health</i> , 2010, 9, 46.	4.0	66
50	Effect of Maternal Tobacco Smoke Exposure on the Placental Transcriptome. <i>Placenta</i> , 2010, 31, 186-191.	1.5	65
51	Vitamin C for DNA damage prevention. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 733, 39-49.	1.0	65
52	Comparison of DNA adducts from exposure to complex mixtures in various human tissues and experimental systems. <i>Environmental Health Perspectives</i> , 1993, 99, 89-97.	6.0	64
53	Single cell gel electrophoresis assay: sensitivity of peripheral white blood cells in human population studies. <i>Mutagenesis</i> , 1998, 13, 99-103.	2.6	64
54	Mutagenicity, carcinogenicity, and teratogenicity of acrylonitrile. <i>Mutation Research - Reviews in Mutation Research</i> , 1999, 436, 263-283.	5.5	64

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55	Human DNA adducts of 1,3-butadiene, an important environmental carcinogen. <i>Carcinogenesis</i> , 2000, 21, 107-111.	2.8	64
56	Biomarkers for assessing occupational exposures to 1,3-butadiene. <i>Chemico-Biological Interactions</i> , 2001, 135-136, 429-453.	4.0	64
57	Children's exposure to environmental pollutants and biomarkers of genetic damage. Overview and critical issues. <i>Mutation Research - Reviews in Mutation Research</i> , 2006, 612, 1-13.	5.5	64
58	In vitro genotoxicity of PAH mixtures and organic extract from urban air particles. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 620, 123-134.	1.0	64
59	Seasonal variability of oxidative stress markers in city bus drivers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 642, 14-20.	1.0	63
60	Biomarkers of exposure to tobacco smoke and environmental pollutants in mothers and their transplacental transfer to the foetus. Part I: Bulky DNA adducts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 669, 13-19.	1.0	63
61	Impact of air pollution on oxidative DNA damage and lipid peroxidation in mothers and their newborns. <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 545-556.	4.3	63
62	The EXPOLIS study: implications for exposure research and environmental policy in Europe. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, 440-456.	3.9	62
63	HUMN project initiative and review of validation, quality control and prospects for further development of automated micronucleus assays using image cytometry systems. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 541-552.	4.3	62
64	DNA adducts in human placenta as related to air pollution and to GSTM1 genotype. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 390, 59-68.	1.7	60
65	Molecular epidemiology studies on occupational and environmental exposure to mutagens and carcinogens, 1997-1999.. <i>Environmental Health Perspectives</i> , 2000, 108, 57-70.	6.0	60
66	Genetic polymorphisms influence the susceptibility of men to sperm DNA damage associated with exposure to air pollution. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 683, 9-15.	1.0	60
67	Human cytogenetic biomonitoring of occupational exposure to 1,3-butadiene. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1994, 309, 321-326.	1.0	59
68	Unfavourable birth outcomes of the Roma women in the Czech Republic and the potential explanations: a population-based study. <i>BMC Public Health</i> , 2005, 5, 106.	2.9	59
69	Oxidative damage induced by carcinogenic polycyclic aromatic hydrocarbons and organic extracts from urban air particulate matter. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 696, 114-121.	1.7	56
70	Oxidative damage to biological macromolecules in Prague bus drivers and garagemen: Impact of air pollution and genetic polymorphisms. <i>Toxicology Letters</i> , 2010, 199, 60-68.	0.8	56
71	Persistence of O6-guanine DNA adducts in styrene-exposed lamination workers determined by 32P-postlabelling. <i>Carcinogenesis</i> , 1994, 15, 1949-1953.	2.8	55
72	Urinary 8-oxodeoxyguanosine levels in children exposed to air pollutants. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 662, 37-43.	1.0	55

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73	DNA adduct formation in mammalian cell cultures by polycyclic aromatic hydrocarbons (PAH) and nitro-PAH in coke oven emission extract. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 419, 91-105.	1.7	54
74	Biomarkers of exposure to tobacco smoke and environmental pollutants in mothers and their transplacental transfer to the foetus. Part II. Oxidative damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 669, 20-26.	1.0	54
75	Teplice program—the impact of air pollution on human health.. <i>Environmental Health Perspectives</i> , 1996, 104, 699-714.	6.0	53
76	Effects of environmental air pollution on endogenous oxidative DNA damage in humans. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 620, 71-82.	1.0	53
77	Exposure to air pollution in critical prenatal time windows and IgE levels in newborns. <i>Pediatric Allergy and Immunology</i> , 2011, 22, 75-84.	2.6	53
78	Evaluation of 11 polycyclic aromatic hydrocarbon metabolites in urine of Czech mothers and newborns. <i>Science of the Total Environment</i> , 2017, 577, 212-219.	8.0	52
79	Fecundability and parental exposure to ambient sulfur dioxide.. <i>Environmental Health Perspectives</i> , 2000, 108, 647-654.	6.0	51
80	Impact of phase I or phase II enzyme polymorphisms on lymphocyte DNA adducts in subjects exposed to urban air pollution and environmental tobacco smoke. <i>Toxicology Letters</i> , 2004, 149, 269-280.	0.8	51
81	Genomic analysis suggests higher susceptibility of children to air pollution. <i>Carcinogenesis</i> , 2008, 29, 977-983.	2.8	51
82	DNA adducts and oxidative DNA damage induced by organic extracts from PM2.5 in an acellular assay. <i>Toxicology Letters</i> , 2011, 202, 186-192.	0.8	50
83	Relationship between atmospheric pollution in the residential area and concentrations of polycyclic aromatic hydrocarbons (PAHs) in human breast milk. <i>Science of the Total Environment</i> , 2016, 562, 640-647.	8.0	50
84	Effect of ascorbic acid prophylaxis on the frequency of chromosome aberrations in the peripheral lymphocytes of coal-tar workers. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1983, 120, 181-186.	1.1	48
85	Cytogenetic effects in children and mothers exposed to air pollution assessed by the frequency of micronuclei and fluorescence in situ hybridization (FISH): A family pilot study in the Czech Republic. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 608, 112-120.	1.7	48
86	Seasonal variability of oxidative stress markers in city bus drivers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 642, 21-27.	1.0	48
87	Air Pollution and Distributions of Lymphocyte Immunophenotypes in Cord and Maternal Blood at Delivery. <i>Epidemiology</i> , 2002, 13, 172-183.	2.7	47
88	Personal exposures to VOC in the upper end of the distribution—relationships to indoor, outdoor and workplace concentrations. <i>Atmospheric Environment</i> , 2005, 39, 2299-2307.	4.1	47
89	The impact of air pollution on the levels of micronuclei measured by automated image analysis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 669, 42-47.	1.0	47
90	1,3-Butadiene: Biomarkers and application to risk assessment. <i>Chemico-Biological Interactions</i> , 2011, 192, 150-154.	4.0	47

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91	Effect of glutathione S-transferase M1 polymorphisms on biomarkers of exposure and effects. <i>Environmental Health Perspectives</i> , 1998, 106, 231-239.	6.0	47
92	Interactions between CYP1A1 polymorphisms and exposure to environmental tobacco smoke in the modulation of lymphocyte bulky DNA adducts and chromosomal aberrations. <i>Carcinogenesis</i> , 2004, 26, 93-101.	2.8	46
93	Effects of polycyclic aromatic hydrocarbons (PAHs) in environmental pollution on exogenous and oxidative DNA damage (EXPAH project): Description of the population under study. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 620, 1-6.	1.0	46
94	Molecular epidemiological studies in 1,3-butadiene exposed Czech workers: Femaleâ€‘male comparisons. <i>Chemico-Biological Interactions</i> , 2007, 166, 63-77.	4.0	45
95	The influence of Î±-tocopherol and pyritinol on oxidative DNA damage and lipid peroxidation in human lymphocytes. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1989, 225, 131-136.	1.1	44
96	Cytogenetic monitoring in coke oven workers. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 417, 9-17.	1.7	44
97	Genotoxicity of environmental air pollution in three European cities: Prague, KoÅ¡ice and Sofia. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 563, 49-59.	1.7	44
98	Analysis of biomarkers in a Czech population exposed to heavy air pollution. Part II: chromosomal aberrations and oxidative stress. <i>Mutagenesis</i> , 2013, 28, 97-106.	2.6	44
99	Genome-wide differential gene expression in children exposed to air pollution in the Czech Republic. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 600, 12-22.	1.0	43
100	Environmental exposure to carcinogenic polycyclic aromatic hydrocarbonsâ€‘The interpretation of cytogenetic analysis by FISH. <i>Toxicology Letters</i> , 2007, 172, 12-20.	0.8	43
101	Molecular Epidemiology Studies on Occupational and Environmental Exposure to Mutagens and Carcinogens, 1997-1999. <i>Environmental Health Perspectives</i> , 2000, 108, 57-70.	6.0	43
102	An evaluation of the genetic toxicity of paracetamol. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1995, 327, 179-200.	1.0	42
103	Chromosomal aberrations in environmentally exposed population in relation to metabolic and DNA repair genes polymorphisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 620, 22-33.	1.0	42
104	Cytogenetic analysis and occupational health in the Czech Republic. <i>Mutation Research - Reviews in Mutation Research</i> , 2004, 566, 21-48.	5.5	40
105	A Review on the Practical Application of Human Biomonitoring in Integrated Environmental Health Impact Assessment. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2009, 12, 107-123.	6.5	39
106	A novel strategy for the determination of polycyclic aromatic hydrocarbon monohydroxylated metabolites in urine using ultra-high-performance liquid chromatography with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2515-2525.	3.7	39
107	Estimation of human exposure to polycyclic aromatic hydrocarbons (PAHs) based on the dietary and outdoor atmospheric monitoring in the Czech Republic. <i>Environmental Research</i> , 2020, 182, 108977.	7.5	39
108	The impact of air pollution to central nervous system in children and adults. <i>Neuroendocrinology Letters</i> , 2017, 38, 389-396.	0.2	39

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109	Molecular Epidemiology Studies on Occupational and Environmental Exposure to Mutagens and Carcinogens, 1997-1999. Environmental Health Perspectives, 2000, 108, 57.	6.0	37
110	Coal Home Heating and Environmental Tobacco Smoke in Relation to Lower Respiratory Illness in Czech Children, from Birth to 3 Years of Age. Environmental Health Perspectives, 2006, 114, 1126-1132.	6.0	37
111	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
112	Influence of environmental exposure to PAHs on the susceptibility of lymphocytes to DNA-damage induction and on their repair capacity. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 588, 73-81.	1.7	36
113	Genetic, Biochemical, and Environmental Factors Associated with Pregnancy Outcomes in Newborns from the Czech Republic. Environmental Health Perspectives, 2011, 119, 265-271.	6.0	35
114	Biomarkers of exposure to carcinogenic PAHs and their relationship with environmental factors. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 16-21.	1.0	34
115	Urinary 8-oxo-7,8-dihydro-2-deoxyguanosine values determined by a modified ELISA improves agreement with HPLC-MS/MS. Biochemical and Biophysical Research Communications, 2013, 440, 725-730.	2.1	34
116	Analysis of gene expression changes in A549 cells induced by organic compounds from respirable air particles. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 770, 94-105.	1.0	34
117	The impact of plasma folate levels of mothers and newborns on intrauterine growth retardation and birth weight. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 591, 302-310.	1.0	33
118	Oxidative stress and chromosomal aberrations in an environmentally exposed population. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 707, 34-41.	1.0	33
119	Deregulation of Gene Expression Induced by Environmental Tobacco Smoke Exposure in Pregnancy. Nicotine and Tobacco Research, 2012, 14, 1073-1082.	2.6	33
120	Genotoxicity but not the AhR-mediated activity of PAHs is inhibited by other components of complex mixtures of ambient air pollutants. Toxicology Letters, 2014, 225, 350-357.	0.8	33
121	Czech-U.S. Epa Health Study: Assessment of Personal and Ambient Air Exposures to Pah and Organic Mutagens in the Teplice District of Northern Bohemia. International Journal of Environmental Analytical Chemistry, 1994, 56, 271-287.	3.3	32
122	Cytogenetic analysis of peripheral lymphocytes in workers occupationally exposed to epichlorohydrin. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1980, 70, 115-120.	1.0	31
123	Chromosomal abnormalities in soft coal open-cast mining workers. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1985, 144, 271-275.	1.1	31
124	Biomarkers of air pollution exposure—A study of policemen in Prague. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 624, 9-17.	1.0	31
125	Factors affecting the frequency of micronuclei in asthmatic and healthy children from Ostrava. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 708, 44-49.	1.0	31
126	Vitamin C, E and A Levels in Maternal and Fetal Blood for Czech and Gypsy Ethnic Groups in the Czech Republic. International Journal for Vitamin and Nutrition Research, 2002, 72, 183-190.	1.5	31

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127	System for the evaluation of the risk from chemical mutagens for man: Basic principles and practical recommendations. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1976, 38, 191-201.	0.4	30
128	Role ofGSTT1 deletion in DNA oxidative damage by exposure to polycyclic aromatic hydrocarbons in humans. <i>International Journal of Cancer</i> , 2007, 120, 2499-2503.	5.1	30
129	Air pollution and childhood bronchitis: Interaction with xenobiotic, immune regulatory and DNA repair genes. <i>Environment International</i> , 2016, 87, 94-100.	10.0	30
130	The effect of storage on the frequency of translocations in <i>Drosophila melanogaster</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1970, 9, 243-244.	1.0	29
131	Mutagenicity studies on paracetamol in human volunteers II. Unscheduled DNA synthesis and micronucleus test. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1989, 227, 147-152.	1.1	29
132	Personal exposures to PM2.5 and polycyclic aromatic hydrocarbons and their relationship to environmental tobacco smoke at two locations in Greece. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2001, 11, 169-183.	3.9	29
133	Chromosomal aberrations in peripheral lymphocytes of children as biomarkers of environmental exposure and life style. <i>Toxicology Letters</i> , 2002, 134, 79-85.	0.8	29
134	Cytogenetic analysis using fluorescence in situ hybridization (FISH) to evaluate occupational exposure to carcinogens. <i>Toxicology Letters</i> , 2004, 149, 335-344.	0.8	29
135	Association of DNA adducts and genotypes with birth weight. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 608, 121-128.	1.7	28
136	Analysis of biomarkers in a Czech population exposed to heavy air pollution. Part I: bulky DNA adducts. <i>Mutagenesis</i> , 2013, 28, 89-95.	2.6	27
137	Reduced gene expression levels after chronic exposure to high concentrations of air pollutants. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 780, 60-70.	1.0	27
138	Expression of XRCC5 in peripheral blood lymphocytes is upregulated in subjects from a heavily polluted region in the Czech Republic. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 713, 76-82.	1.0	26
139	Spontaneous level of chromosomal aberrations in peripheral blood lymphocytes of control individuals of the Czech Republic population. <i>Toxicology Letters</i> , 1998, 96-97, 137-142.	0.8	25
140	Temporal variation in the genotoxic potential of urban air particulate matter. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 649, 179-186.	1.7	25
141	Comparison of the health of Roma and non-Roma children living in the district of Teplice. <i>International Journal of Public Health</i> , 2010, 55, 435-441.	2.3	25
142	Formation of 1,2:3,4-Diepoxybutane-Specific Hemoglobin Adducts in 1,3-Butadiene Exposed Workers. <i>Toxicological Sciences</i> , 2012, 125, 30-40.	3.1	25
143	Systematic review of the use of the lymphocyte cytokinesis-block micronucleus assay to measure DNA damage induced by exposure to polycyclic aromatic hydrocarbons. <i>Mutation Research - Reviews in Mutation Research</i> , 2016, 770, 162-169.	5.5	25
144	Monitoring genotoxic exposure in uranium miners.. <i>Environmental Health Perspectives</i> , 1993, 99, 303-305.	6.0	24

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145	Effect of glutathione S-transferase M1 polymorphisms on biomarkers of exposure and effects.. Environmental Health Perspectives, 1998, 106, 231-239.	6.0	24
146	In vitro genotoxicity of PAH mixtures and organic extract from urban air particles. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 114-122.	1.0	24
147	Bulky DNA Adducts in White Blood Cells: A Pooled Analysis of 3,600 Subjects. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 3174-3181.	2.5	24
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