

# 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	Air pollution and molecular changes in age-related diseases. <i>International Journal of Environmental Health Research</i> , 2022, 32, 772-790.	2.7	4
2	Concentrations of Phthalate and DINCH Metabolites in Urine Samples from Czech Mothers and Newborns. <i>Exposure and Health</i> , 2022, 14, 17-27.	4.9	4
3	Genome-Wide DNA Methylation in Policemen Working in Cities Differing by Major Sources of Air Pollution. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1666.	4.1	16
4	Oxidative Stress and Antioxidant Response in Populations of the Czech Republic Exposed to Various Levels of Environmental Pollutants. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3609.	2.6	4
5	Frequency of Leiden Mutation in Newborns with Birth Weight below 1500 g. <i>Healthcare (Switzerland)</i> , 2022, 10, 865.	2.0	1
6	The effects of age on <sc>DNA</sc> fragmentation, the condensation of chromatin and conventional semen parameters in healthy nonsmoking men exposed to traffic air pollution. <i>Health Science Reports</i> , 2021, 4, e260.	1.5	6
7	Airborne Benzo[a]Pyrene may contribute to divergent Pheno-Endotypes in children. <i>Environmental Health</i> , 2021, 20, 40.	4.0	7
8	High NO <sub>2</sub> Concentrations Measured by Passive Samplers in Czech Cities: Unresolved Aftermath of Dieselgate?. <i>Atmosphere</i> , 2021, 12, 649.	2.3	4
9	Evaluation of Fine and Ultrafine Particles Proportion in Airborne Dust in an Industrial Area. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8915.	2.6	2
10	Biomonitoring of 89 POPs in blood serum samples of Czech city policemen. <i>Environmental Pollution</i> , 2021, 291, 118140.	7.5	15
11	Lifetime Carcinogenic Risk Proportions from Inhalation Exposures in Industrial and Non-Industrial Regions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13295.	2.6	1
12	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
13	Effect of Polycyclic Aromatic Hydrocarbons Exposure on Cognitive Development in 5 Years Old Children. <i>Brain Sciences</i> , 2020, 10, 619.	2.3	5
14	Impact of Air Pollution on the Health of the Population in Parts of the Czech Republic. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6454.	2.6	14
15	Running and Physical Activity in an Air-Polluted Environment: The Biomechanical and Musculoskeletal Protocol for a Prospective Cohort Study 4HAIE (Healthy Aging in Industrial Environmentâ€”Program 4). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9142.	2.6	12
16	The Impact of Cesarean and Vaginal Delivery on Results of Psychological Cognitive Test in 5 Year Old Children. <i>Medicina (Lithuania)</i> , 2020, 56, 554.	2.0	3
17	Challenge-comet assay, a functional and genomic biomarker for precision risk assessment and disease prevention among exposed workers. <i>Toxicology and Applied Pharmacology</i> , 2020, 397, 115011.	2.8	8
18	Comparison of polycyclic aromatic hydrocarbon metabolite concentrations in urine of mothers and their newborns. <i>Science of the Total Environment</i> , 2020, 723, 138116.	8.0	22

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19	Regular running in an air-polluted environment: physiological and anthropometric protocol for a prospective cohort study (Healthy Aging in Industrial Environment Study " Program 4). <i>BMJ Open</i> , 2020, 10, e040529.	1.9	7
20	The impact of air pollution to obesity. <i>Neuroendocrinology Letters</i> , 2020, 41, 146-153.	0.2	1
21	Urinary metabolites of phthalates and di-iso-nonyl cyclohexane-1,2-dicarboxylate (DINCH)"Czech mothers' and newborns' exposure biomarkers. <i>Environmental Research</i> , 2019, 173, 342-348.	7.5	17
22	Benzo[a]pyrene is associated with dysregulated myelo-lymphoid hematopoiesis in asthmatic children. <i>Environment International</i> , 2019, 128, 218-232.	10.0	18
23	Relation between personal exposure and outdoor concentrations of carcinogenic polycyclic aromatic hydrocarbons during smog episode. <i>Central European Journal of Public Health</i> , 2019, 27, 305-311.	1.1	1
24	Gene expression profiling in healthy newborns from diverse localities of the Czech Republic. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 401-415.	2.2	8
25	Greater susceptibility of girls to airborne Benzo[a]pyrene for obesity-associated childhood asthma. <i>Environment International</i> , 2018, 121, 308-316.	10.0	8
26	Modeling Unobserved Heterogeneity in Susceptibility to Ambient Benzo[a]pyrene Concentration among Children with Allergic Asthma Using an Unsupervised Learning Algorithm. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 106.	2.6	5
27	Impact of environment to the child development. <i>Pediatric Pro Praxi</i> , 2018, 19, 327-331.	0.0	1
28	Micronucleus frequency and content in healthy relatives of cancer patients. <i>Biomarkers</i> , 2017, 22, 1-7.	1.9	4
29	Adaptation of the human population to the environment: Current knowledge, clues from Czech cytogenetic and "omics"biomonitoring studies and possible mechanisms. <i>Mutation Research - Reviews in Mutation Research</i> , 2017, 773, 188-203.	5.5	19
30	Altered vulnerability to asthma at various levels of ambient Benzo[a]Pyrene by CTLA4, STAT4 and CYP2E1 polymorphisms. <i>Environmental Pollution</i> , 2017, 231, 1134-1144.	7.5	24
31	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
32	Perinatal health in the Danube region " new birth cohort justified. <i>Reviews on Environmental Health</i> , 2017, 32, 9-14.	2.4	2
33	The impact of air pollution to central nervous system in children and adults. <i>Neuroendocrinology Letters</i> , 2017, 38, 389-396.	0.2	39
34	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
35	Mapping the factors affecting the frequency and types of micronuclei in an elderly population from Southern Bohemia. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2016, 793-794, 32-40.	1.0	14
36	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

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37	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
38	Urinary 8-oxo-7,8-dihydro-2- $\epsilon$ -deoxyguanosine analysis by an improved ELISA: An inter-laboratory comparison study. <i>Free Radical Biology and Medicine</i> , 2016, 95, 169-179.	2.9	24
39	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
40	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
41	Newborns health in the Danube Region: Environment, biomonitoring, interventions and economic benefits in a large prospective birth cohort study. <i>Environment International</i> , 2016, 88, 112-122.	10.0	7
42	Impact of Air Pollution to Genome of Newborns. <i>Central European Journal of Public Health</i> , 2016, 24, S40-S44.	1.1	7
43	Frequency of Acentric Fragments Are Associated with Cancer Risk in Subjects Exposed to Ionizing Radiation. <i>Anticancer Research</i> , 2016, 36, 2451-7.	1.1	10
44	The impact of air pollution in the Southern Bohemia Region on fetuses and newborns. <i>Neuroendocrinology Letters</i> , 2016, 37, 52-57.	0.2	2
45	Oxidative stress in newborns by different modes of delivery. <i>Neuroendocrinology Letters</i> , 2016, 37, 445-451.	0.2	1
46	Analysis of Genetic Damage in Lymphocytes of Former Uranium Processing Workers. <i>Cytogenetic and Genome Research</i> , 2015, 147, 17-23.	1.1	13
47	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
48	Modeling airborne benzo(a)pyrene concentrations in the Czech Republic. <i>Atmospheric Environment</i> , 2015, 101, 166-176.	4.1	5
49	Molecular Epidemiology Focused on Airborne Carcinogens. <i>Molecular and Integrative Toxicology</i> , 2015, , 185-212.	0.5	0
50	Environmental Pollution and Health Consequences. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 283-299.	0.4	0
51	Nonhomologous DNA end joining and chromosome aberrations in human embryonic lung fibroblasts treated with environmental pollutants. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 763-764, 28-38.	1.0	10
52	Analysis of gene expression changes in A549 cells induced by organic compounds from respirable air particles. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 770, 94-105.	1.0	34
53	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
54	Genotoxicity but not the AhR-mediated activity of PAHs is inhibited by other components of complex mixtures of ambient air pollutants. <i>Toxicology Letters</i> , 2014, 225, 350-357.	0.8	33

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55	Differences Between the Spectra of Respiratory Illnesses in Children Living in Urban and Rural Environments. <i>Central European Journal of Public Health</i> , 2014, 22, 3-11.	1.1	8
56	European Hot Spot of Air Pollution by PM <sub>2.5</sub> and B[a]P: Ostrava, Czech Republic – New Knowledge, New Difficulties. <i>ISEE Conference Abstracts</i> , 2014, 2014, 1441.	0.0	0
57	Air pollutants, genes and early childhood acute bronchitis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2013, 749, 80-86.	1.0	14
58	Comparison of child morbidity in regions of Ostrava, Czech Republic, with different degrees of pollution: a retrospective cohort study. <i>Environmental Health</i> , 2013, 12, 74.	4.0	23
59	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
60	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2- $\epsilon$ -deoxyguanosine. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2377-2391.	5.4	130
61	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
62	Urinary 8-oxo-7,8-dihydro-2- $\epsilon$ -deoxyguanosine values determined by a modified ELISA improves agreement with HPLC-MS/MS. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 725-730.	2.1	34
63	Health impact of air pollution to children. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 533-540.	4.3	82
64	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
65	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
66	The European Hot Spot of B[a]P and PM <sub>2.5</sub> Exposure – The Ostrava Region, Czech Republic: Health Research Results. , 2013, 2013, 1-12.		23
67	Short-Term Impact of Atmospheric Pollution on Fecundability. <i>Epidemiology</i> , 2013, 24, 871-879.	2.7	71
68	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
69	The development of adverse outcome pathways for mutagenic effects for the organization for economic co-operation and development. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 79-81.	2.2	17
70	Personal exposure to carcinogenic polycyclic aromatic hydrocarbons in the Czech Republic. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 350-355.	3.9	18
71	Nucleotide Excision Repair Is Not Induced in Human Embryonic Lung Fibroblasts Treated with Environmental Pollutants. <i>PLoS ONE</i> , 2013, 8, e69197.	2.5	10
72	European Birth Cohorts for Environmental Health Research. <i>Environmental Health Perspectives</i> , 2012, 120, 29-37.	6.0	116

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73	Personal exposure to volatile organic compounds in the Czech Republic. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012, 22, 455-460.	3.9	11
74	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
75	Deregulation of Gene Expression Induced by Environmental Tobacco Smoke Exposure in Pregnancy. <i>Nicotine and Tobacco Research</i> , 2012, 14, 1073-1082.	2.6	33
76	Ambient nitrogen oxides exposure and early childhood respiratory illnesses. <i>Environment International</i> , 2012, 39, 96-102.	10.0	17
77	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
78	Immunochemical detection of oxidatively damaged DNA. <i>Free Radical Research</i> , 2012, 46, 492-522.	3.3	24
79	Vitamin C for DNA damage prevention. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 733, 39-49.	1.0	65
80	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
81	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
82	Micronuclei in neonates and children: effects of environmental, genetic, demographic and disease variables. <i>Mutagenesis</i> , 2011, 26, 51-56.	2.6	71
83	European Hot Spot of Air Pollution by PM2.5 and Bap: Ostrava, Czech Republic. <i>Epidemiology</i> , 2011, 22, S232.	2.7	2
84	Impact of Carcinogenic Polycyclic Aromatic Hydrocarbon Exposure to Children Respiratory Morbidity. <i>Epidemiology</i> , 2011, 22, S181.	2.7	0
85	Indoor Coal Use and Early Childhood Growth. <i>JAMA Pediatrics</i> , 2011, 165, 492-7.	3.0	21
86	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
87	Oxidative stress and chromosomal aberrations in an environmentally exposed population. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 707, 34-41.	1.0	33
88	Factors affecting the frequency of micronuclei in asthmatic and healthy children from Ostrava. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 708, 44-49.	1.0	31
89	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
90	Micronuclei levels in mothers and their newborns from regions with different types of air pollution. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 72-78.	1.0	22

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91	Transcriptome alterations in maternal and fetal cells induced by tobacco smoke. <i>Placenta</i> , 2011, 32, 763-770.	1.5	74
92	1,3-Butadiene: Biomarkers and application to risk assessment. <i>Chemico-Biological Interactions</i> , 2011, 192, 150-154.	4.0	47
93	Biomarkers of exposure and effectâ€”interpretation in human risk assessment. <i>Air Quality, Atmosphere and Health</i> , 2011, 4, 161-167.	3.3	22
94	Assessment of multiple types of DNA damage in human placentas from smoking and nonsmoking women in the Czech Republic. <i>Environmental and Molecular Mutagenesis</i> , 2011, 52, 58-68.	2.2	16
95	Intra- and Interindividual Variability in Lymphocyte Chromosomal Aberrations: Implications for Cancer Risk Assessment. <i>American Journal of Epidemiology</i> , 2011, 174, 490-493.	3.4	8
96	A High Morbidity of Preschool Children in Ostrava Hot Spot of PM10 Pollution. <i>Epidemiology</i> , 2011, 22, S276.	2.7	0
97	Impact of Carcinogenic Polycyclic Aromatic Hydrocarbon Exposure to Children Respiratory Morbidity. <i>Epidemiology</i> , 2011, 22, S276-S277.	2.7	0
98	Genetic, Biochemical, and Environmental Factors Associated with Pregnancy Outcomes in Newborns from the Czech Republic. <i>Environmental Health Perspectives</i> , 2011, 119, 265-271.	6.0	35
99	Abstract 4648: Biomarkers of exposure and effect short-term vs. chronic environmental exposure to carcinogenic polycyclic aromatic hydrocarbons. , 2011, , .		0
100	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
101	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
102	Pooled analysis of studies on DNA adducts and dietary vitamins. <i>Mutation Research - Reviews in Mutation Research</i> , 2010, 705, 77-82.	5.5	13
103	Effect of Maternal Tobacco Smoke Exposure on the Placental Transcriptome. <i>Placenta</i> , 2010, 31, 186-191.	1.5	65
104	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
105	Hemoglobin adducts in 1,3-butadiene exposed Czech workers: Femaleâ€”male comparisons. <i>Chemico-Biological Interactions</i> , 2010, 188, 668-676.	4.0	22
106	Bulky DNA Adducts in White Blood Cells: A Pooled Analysis of 3,600 Subjects. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 3174-3181.	2.5	24
107	Frequency of chromosomal aberrations in Prague mothers and their newborns. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 699, 29-34.	1.7	7
108	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



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109	An acellular assay to assess the genotoxicity of complex mixtures of organic pollutants bound on size segregated aerosol. Part I: DNA adducts. <i>Toxicology Letters</i> , 2010, 198, 304-311.	0.8	15
110	An acellular assay to assess the genotoxicity of complex mixtures of organic pollutants bound on size segregated aerosol. Part II: Oxidative damage to DNA. <i>Toxicology Letters</i> , 2010, 198, 312-316.	0.8	15
111	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
112	Abstract 4392: Oxidative damage to placental DNA, air pollution, genetic polymorphisms and pregnancy outcomes. , 2010, , .		0
113	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
114	Association Between Short Term Variations in Atmospheric Pollutantsâ€™ Levels and the Couplesâ€™ Fecundability. <i>Epidemiology</i> , 2009, 20, S86.	2.7	0
115	Ethical Issues in Measuring Biomarkers in Childrenâ€™s Environmental Health. <i>Environmental Health Perspectives</i> , 2009, 117, 1185-1190.	6.0	17
116	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
117	Genetic variability of HVRII mtDNA in cord blood and respiratory morbidity in children. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 666, 1-7.	1.0	13
118	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
119	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
120	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
121	Differential gene expression in umbilical cord blood and maternal peripheral blood. <i>European Journal of Haematology</i> , 2009, 83, 183-190.	2.2	11
122	Effect of vitamin levels on biomarkers of exposure and oxidative damageâ€™The EXPAH study. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 672, 129-134.	1.7	21
123	The Health of Children and Outdoor Air Pollution. <i>Epidemiology</i> , 2009, 20, S138.	2.7	2
124	Prenatal Exposures to Persistent and Nonâ€™Persistent Organic Compounds and Effects on Immune System Development. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 146-154.	2.5	203
125	Environmental tobacco smoke exposure in children in two districts of the Czech Republic. <i>International Journal of Hygiene and Environmental Health</i> , 2008, 211, 318-325.	4.3	16
126	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



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127	Seasonal variability of oxidative stress markers in city bus drivers. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 642, 21-27.	1.0	48
128	Temporal variation in the genotoxic potential of urban air particulate matter. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 649, 179-186.	1.7	25
129	International study of factors affecting human chromosome translocations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 652, 112-121.	1.7	120
130	Chromosomal aberration frequency in lymphocytes predicts the risk of cancer: results from a pooled cohort study of 22 358 subjects in 11 countries. Carcinogenesis, 2008, 29, 1178-1183.	2.8	279
131	Genomic analysis suggests higher susceptibility of children to air pollution. Carcinogenesis, 2008, 29, 977-983.	2.8	51
132	Meeting Report: Atmospheric Pollution and Human Reproduction. Environmental Health Perspectives, 2008, 116, 791-798.	6.0	272
133	Impact of air pollution and genotype variability on DNA damage in Prague policemen. Toxicology Letters, 2007, 172, 37-47.	0.8	66
134	Baseline chromosome aberrations in children. Toxicology Letters, 2007, 172, 60-67.	0.8	18
135	Biomarkers in children and adults – Introduction and overview. Toxicology Letters, 2007, 172, 1-3.	0.8	7
136	Environmental exposure to carcinogenic polycyclic aromatic hydrocarbons – The interpretation of cytogenetic analysis by FISH. Toxicology Letters, 2007, 172, 12-20.	0.8	43
137	The DNA repair gene XPD/ERCC2 polymorphisms Arg156Arg (exon 6) and Lys751Gln (exon 23) are closely associated. Toxicology Letters, 2007, 172, 85-89.	0.8	11
138	Early Childhood Lower Respiratory Illness and Air Pollution. Environmental Health Perspectives, 2007, 115, 1510-1518.	6.0	115
139	Role of GSTT1 deletion in DNA oxidative damage by exposure to polycyclic aromatic hydrocarbons in humans. International Journal of Cancer, 2007, 120, 2499-2503.	5.1	30
140	Molecular epidemiological studies in 1,3-butadiene exposed Czech workers: Female – male comparisons. Chemico-Biological Interactions, 2007, 166, 63-77.	4.0	45
141	Chromosomal aberration frequencies determined by conventional methods: Parallel increases over time in the region of a petrochemical industry and throughout the Czech Republic. Chemico-Biological Interactions, 2007, 166, 239-244.	4.0	8
142	Oxidative and nitrosative stress markers in bus drivers. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 617, 23-32.	1.0	89
143	Effects of polycyclic aromatic hydrocarbons (PAHs) in environmental pollution on exogenous and oxidative DNA damage (EXPAH project): Description of the population under study. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 1-6.	1.0	46
144	Effects of metabolic genotypes on intermediary biomarkers in subjects exposed to PAHs: Results from the EXPAH study. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 7-15.	1.0	18

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145	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
146	Chromosomal aberrations in environmentally exposed population in relation to metabolic and DNA repair genes polymorphisms. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 22-33.	1.0	42
147	Air pollution by carcinogenic PAHs and plasma levels of p53 and p21WAF1 proteins. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 34-40.	1.0	16
148	Influence of PAHs in ambient air on chromosomal aberrations in exposed subjects: International study "EXPAH". Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 41-48.	1.0	5
149	PAH-DNA adducts in environmentally exposed population in relation to metabolic and DNA repair gene polymorphisms. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 49-61.	1.0	77
150	Chromosomal aberrations by fluorescence in situ hybridization (FISH) - Biomarker of exposure to carcinogenic PAHs. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 62-70.	1.0	13
151	Effects of environmental air pollution on endogenous oxidative DNA damage in humans. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620, 71-82.	1.0	53
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