

# Jolanta Gromadzinska

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85  
papers

2,177  
citations

25  
h-index

44  
g-index

87  
ext. papers

2,487  
ext. citations

4.1  
avg, IF

4.95  
L-index

#	Paper	IF	Citations
85	Parabens. From environmental studies to human health. <i>Environment International</i> , <b>2014</b> , 67, 27-42	12.9	429
84	Today's oxidative stress markers. <i>Medycyna Pracy</i> , <b>2015</b> , 66, 393-405	1.3	96
83	Selenium and cancer: biomarkers of selenium status and molecular action of selenium supplements. <i>European Journal of Nutrition</i> , <b>2008</b> , 47 Suppl 2, 29-50	5.2	93
82	Bisphenol A - Application, sources of exposure and potential risks in infants, children and pregnant women. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2015</b> , 28, 209-41	1.5	83
81	Lung cancer risk associated with selenium status is modified in smoking individuals by Sep15 polymorphism. <i>European Journal of Nutrition</i> , <b>2008</b> , 47, 47-54	5.2	81
80	Genetic polymorphism of xenobiotic metabolising enzymes, diet and cancer susceptibility. <i>British Journal of Nutrition</i> , <b>2006</b> , 96, 609-19	3.6	60
79	Plasma trace element (Se, Zn, Cu) concentrations in maternal and umbilical cord blood in Poland. Relation with birth weight, gestational age, and parity. <i>Biological Trace Element Research</i> , <b>1993</b> , 38, 205-15	4.5	56
78	Polymorphism of selected enzymes involved in detoxification and biotransformation in relation to lung cancer. <i>Lung Cancer</i> , <b>2007</b> , 57, 1-25	5.9	54
77	Red blood cell and plasma glutathione peroxidase activities and selenium concentration in patients with chronic kidney disease: a review.. <i>Acta Biochimica Polonica</i> , <b>2006</b> , 53, 663-677	2	52
76	Isoprostanes - A novel major group of oxidative stress markers. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2016</b> , 29, 179-90	1.5	51
75	Selenium, zinc, and copper concentrations in the blood and milk of lactating women. <i>Biological Trace Element Research</i> , <b>2001</b> , 79, 221-33	4.5	47
74	Lipid peroxidation and glutathione peroxidase activity relationship in breast cancer depends on functional polymorphism of GPX1. <i>BMC Cancer</i> , <b>2015</b> , 15, 657	4.8	44
73	The effect of selenium supplementation in the prevention of DNA damage in white blood cells of hemodialyzed patients: a pilot study. <i>Biological Trace Element Research</i> , <b>2011</b> , 142, 274-83	4.5	39
72	Selenium status during pregnancy and child psychomotor development-Polish Mother and Child Cohort study. <i>Pediatric Research</i> , <b>2016</b> , 79, 863-9	3.2	37
71	Polish mother and child cohort study--defining the problem, the aim of the study and methodological assumption. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2009</b> , 22, 383-91	1.5	36
70	Night shift work characteristics and 6-sulfatoxymelatonin (MT6s) in rotating night shift nurses and midwives. <i>Occupational and Environmental Medicine</i> , <b>2012</b> , 69, 339-46	2.1	34
69	Expression of selenoprotein-coding genes SEPP1, SEP15 and hGPX1 in non-small cell lung cancer. <i>Lung Cancer</i> , <b>2009</b> , 65, 34-40	5.9	34

68	Lipid peroxides in blood plasma and enzymatic antioxidative defence of erythrocytes in DownS syndrome. <i>Clinica Chimica Acta</i> , <b>1986</b> , 154, 191-4	6.2	34
67	Hypermethylation of p16 and DAPK promoter gene regions in patients with non-invasive urinary bladder cancer. <i>Archives of Medical Science</i> , <b>2011</b> , 7, 512-6	2.9	33
66	Selenium status in psoriasis and its relations to the duration and severity of the disease. <i>Nutrition</i> , <b>2003</b> , 19, 301-4	4.8	32
65	Relevance of selenoprotein transcripts for selenium status in humans. <i>Genes and Nutrition</i> , <b>2012</b> , 7, 127-37	4.7	31
64	Genetic polymorphisms in matrix metalloproteinases (MMPs) and tissue inhibitors of MPs (TIMPs), and bladder cancer susceptibility. <i>BJU International</i> , <b>2013</b> , 112, 1207-14	5.6	30
63	Selenium concentrations and glutathione peroxidase activities in blood of patients before and after allogenic kidney transplantation. <i>Biological Trace Element Research</i> , <b>2004</b> , 97, 1-13	4.5	30
62	Genetic variability of Xrcc3 and Rad51 modulates the risk of head and neck cancer. <i>Gene</i> , <b>2012</b> , 504, 166-78	3.8	28
61	The determination of polycyclic aromatic hydrocarbons in the urine of non-smoking Polish pregnant women. <i>Science of the Total Environment</i> , <b>2014</b> , 487, 102-9	10.2	26
60	Micronutrients during pregnancy and child psychomotor development: Opposite effects of Zinc and Selenium. <i>Environmental Research</i> , <b>2017</b> , 158, 583-589	7.9	25
59	Polymorphisms of NRF2 and NRF2 target genes in urinary bladder cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2014</b> , 140, 1723-31	4.9	24
58	Cytotoxic effects in 3T3-L1 mouse and WI-38 human fibroblasts following 72 hour and 7 day exposures to commercial silica nanoparticles. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 263, 89-101	4.6	23
57	Glutathione peroxidase activity, selenium, and lipid peroxide concentrations in blood from a healthy Polish population : I. Maternal and cord blood. <i>Biological Trace Element Research</i> , <b>1986</b> , 10, 175-87	4.5	23
56	Selenium, zinc and copper in the Polish diet. <i>Journal of Food Composition and Analysis</i> , <b>2013</b> , 31, 259-265	4.1	21
55	Selenium levels, thiobarbituric acid-reactive substance concentrations and glutathione peroxidase activity in the blood of women with gestosis and imminent premature labour. <i>Analyst, The</i> , <b>1998</b> , 123, 35-40	5	21
54	Polish Mother and Child Cohort Study (REPRO_PL) - Methodology of the follow-up of the children at the age of 7. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2016</b> , 29, 883-893	1.5	21
53	The Effect of Selenium Supplementation on Glucose Homeostasis and the Expression of Genes Related to Glucose Metabolism. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	21
52	The role of zinc, copper, plasma glutathione peroxidase enzyme, and vitamins in the development of allergic diseases in early childhood: The Polish mother and child cohort study. <i>Allergy and Asthma Proceedings</i> , <b>2014</b> , 35, 227-32	2.6	20
51	Level of selenoprotein transcripts in peripheral leukocytes of patients with bladder cancer and healthy individuals. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2009</b> , 47, 1125-32	5.9	20

50	Circadian gene expression in peripheral blood leukocytes of rotating night shift nurses. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2013</b> , 39, 187-94	4.3	18
49	Red blood cell and plasma glutathione peroxidase activities and selenium concentration in patients with chronic kidney disease: a review. <i>Acta Biochimica Polonica</i> , <b>2006</b> , 53, 663-77	2	18
48	Rotating night shift work and mammographic density. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2012</b> , 21, 1028-37	4	17
47	Different Gene Expression and Activity Pattern of Antioxidant Enzymes in Bladder Cancer. <i>Anticancer Research</i> , <b>2017</b> , 37, 841-848	2.3	17
46	Rotating night shift work and polymorphism of genes important for the regulation of circadian rhythm. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2013</b> , 39, 178-86	4.3	17
45	Detection of acetaldehyde derived N(2)-ethyl-2Sdeoxyguanosine in human leukocyte DNA following alcohol consumption. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2012</b> , 737, 8-11	3.3	16
44	Antioxidant defense markers modulated by glutathione S-transferase genetic polymorphism: results of lung cancer case-control study. <i>Genes and Nutrition</i> , <b>2007</b> , 2, 287-94	4.3	16
43	Role of selenium and zinc in the pathogenesis of food allergy in infants and young children. <i>Archives of Medical Science</i> , <b>2012</b> , 8, 1083-8	2.9	15
42	Selenium status in psoriasis and its relationship with alcohol consumption. <i>Biological Trace Element Research</i> , <b>2002</b> , 89, 127-37	4.5	15
41	Plasma levels of insulin-like growth factor-I, insulin-like growth factor binding protein-1, coenzyme Q10 and vitamin E in female populations from Poland, Serbia and Sweden. <i>Environment International</i> , <b>2010</b> , 36, 188-94	12.9	14
40	Biomarkers of selenium status and antioxidant effect in workers occupationally exposed to mercury. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 49, 43-50	4.1	13
39	SeP, ApoER2 and megalin as necessary factors to maintain Se homeostasis in mammals. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2012</b> , 26, 262-6	4.1	13
38	GSTP1 mRNA expression in human circulating blood leukocytes is associated with GSTP1 genetic polymorphism. <i>Clinical Biochemistry</i> , <b>2011</b> , 44, 1153-1155	3.5	13
37	Functional polymorphisms in the matrix metalloproteinase genes and their association with bladder cancer risk and recurrence: a mini-review. <i>International Journal of Urology</i> , <b>2014</b> , 21, 744-52	2.3	12
36	Genotoxic effects in C57Bl/6J mice chronically exposed to arsenate in drinking water and modulation of the effects by low-selenium diet. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2006</b> , 69, 1843-60	3.2	11
35	Exposure to polycyclic aromatic hydrocarbons in women from Poland, Serbia and Italy--relation between PAH metabolite excretion, DNA damage, diet and genotype (the EU DIEPHY project). <i>Biomarkers</i> , <b>2013</b> , 18, 165-73	2.6	10
34	The ESR1 and GPX1 gene expression level in human malignant and non-malignant breast tissues. <i>Acta Biochimica Polonica</i> , <b>2018</b> , 65, 51-57	2	10
33	Night shift work and other determinants of estradiol, testosterone, and dehydroepiandrosterone sulfate among middle-aged nurses and midwives. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2016</b> , 42, 435-46	4.3	10

32	Dietary Patterns and the Frequency of Disomy in Human Sperm. <i>Urology</i> , <b>2016</b> , 93, 86-91	1.6	10
31	Circadian Gene Polymorphisms Associated with Breast Cancer Susceptibility. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	10
30	Longitudinal effect of phthalates exposure on allergic diseases in children. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2020</b> , 125, 84-89	3.2	9
29	Relationship between intensity of night shift work and antioxidant status in blood of nurses. <i>International Archives of Occupational and Environmental Health</i> , <b>2013</b> , 86, 923-30	3.2	8
28	Dysregulation of markers of oxidative stress and DNA damage among nail technicians despite low exposure to volatile organic compounds. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2015</b> , 41, 579-93	4.3	8
27	Vitamins A and E during Pregnancy and Allergy Symptoms in an Early Childhood-Lack of Association with Tobacco Smoke Exposure. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	6
26	Rad51C: a novel suppressor gene modulates the risk of head and neck cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2014</b> , 762, 47-54	3.3	6
25	Lipid Peroxide Levels and Antioxidant Enzyme Activities in Blood of Breast Cancer Patients.. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>1992</b> , 13, 127-135	3.1	6
24	Lipid peroxide concentration, selenium level, and glutathione peroxidase activity in blood of type II (non-insulin-dependent) diabetic elderly people.. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>1989</b> , 7, 35-41	3.1	6
23	Does the Low-level occupational exposure to volatile organic compounds alter the seasonal variation of selected markers of oxidative stress? A case-control study in nail technicians. <i>Journal of Occupational Medicine and Toxicology</i> , <b>2016</b> , 11, 36	2.7	5
22	Fertility and developmental toxicity studies of diethylene glycol monobutyl ether (DGBE) in rats. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2012</b> , 25, 404-17	1.5	5
21	Glutathione and glutathione peroxidase activities in blood of patients in early stages following kidney transplantation. <i>Renal Failure</i> , <b>2005</b> , 27, 751-5	2.9	5
20	Changes in Oxidative Stress, Inflammation, and Muscle Damage Markers Following Diet and Beetroot Juice Supplementation in Elite Fencers. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	4
19	Single nucleotide polymorphisms in noncoding regions of Rad51C do not change the risk of unselected breast cancer but they modulate the level of oxidative stress and the DNA damage characteristics: a case-control study. <i>PLoS ONE</i> , <b>2014</b> , 9, e110696	3.7	4
18	4-Week inhalation toxicity of 2-methylnaphthalene in experimental animals. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2011</b> , 24, 399-408	1.5	4
17	Developmental toxicity of N-methylaniline following prenatal oral administration in rats. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2016</b> , 29, 479-92	1.5	4
16	Health risk in transport workers. Part II. Dietary compounds as modulators of occupational exposure to chemicals. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2019</b> , 32, 441-464	1.5	4
15	The role of antioxidants and 25-hydroxyvitamin D during pregnancy in the development of allergic diseases in early school-age children - Polish Mother and Child Cohort Study. <i>Allergy and Asthma Proceedings</i> , <b>2020</b> , 41, e19-e25	2.6	4

14	Effect of selenium on expression of selenoproteins in mouse fibrosarcoma cells. <i>Biological Trace Element Research</i> , <b>2005</b> , 104, 165-72	4.5	3
13	Environmental exposure to persistent organic pollutants measured in breast milk of lactating women from an urban area in central Poland. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 4549-4557	5.1	3
12	Carcinogenic effect of arsenate in C57BL/6J/Han mice and its modulation by different dietary selenium status. <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 2143-52	7	2
11	Glutathione peroxidase activity, lipid peroxides and selenium status in blood in patients with Down's syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>1988</b> , 26, 255-8	5.9	2
10	Faster health deterioration among nail technicians occupationally exposed to low levels of volatile organic compounds. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2017</b> , 30, 469-483	1.5	2
9	Health risk in road transport workers. Part I. Occupational exposure to chemicals, biomarkers of effect. <i>International Journal of Occupational Medicine and Environmental Health</i> , <b>2019</b> , 32, 267-280	1.5	2
8	Rad51 paralogs and the risk of unselected breast cancer: A case-control study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0226976	2.9	2
7	Expression of MMP and TIMP mRNA in peripheral blood leukocytes of patients with invasive ductal carcinoma of the breast. <i>International Journal of Biological Markers</i> , <b>2016</b> , 31, e309-16	2.8	2
6	Early childhood allergy symptoms in relation to plasma selenium in pregnant mothers. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2017</b> , 118, 632-634	3.2	1
5	Oxidative Stress-Inducing Workplace Agents. <i>Comments on Modern Biology Part B, Comments on Toxicology</i> , <b>2003</b> , 9, 23-37		1
4	Association of allelic combinations in selenoprotein and redox related genes with markers of lipid metabolism and oxidative stress - multimarkers analysis in a cross-sectional study. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2022</b> , 69, 126873	4.1	1
3	Determinants of the Essential Elements and Vitamins Intake and Status during Pregnancy: A Descriptive Study in Polish Mother and Child Cohort. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
2	Blood plasma levels of biomarkers of liver status and lipid profile among nail technicians occupationally exposed to low-level mixture of volatile organic compounds. <i>International Archives of Occupational and Environmental Health</i> , <b>2021</b> , 94, 487-494	3.2	1
1	Environmental mercury exposure and selenium-associated biomarkers of antioxidant status at molecular and biochemical level. A short-term intervention study. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 130, 187-198	4.7	0