Ewelina Synowiec

List of Publications by Year in Descending Order

61 papers	730 citations	15 h-index	22 g-index
65 ext. papers	896 ext. citations	4.2 avg, IF	3.84 L-index

#	Paper	IF	Citations
61	Dysregulation in the Expression of Platelet Surface Receptors in Acute Coronary Syndrome Patients□Emphasis on P2Y12. *Biology*, **2022**, 11, 644	4.9	0
60	Variation of genes encoding nitric oxide synthases and antioxidant enzymes as potential risks of multiple sclerosis development: a preliminary study. *Scientific Reports*, **2022**, 12,	4.9	2
59	Single-Nucleotide Polymorphisms in Oxidative Stress-Related Genes and the Risk of a Stroke in a Polish Population-A Preliminary Study. *Brain Sciences*, **2021**, 11,	3.4	3
58	Relationship between Oxidative Stress and Imatinib Resistance in Model Chronic Myeloid Leukemia Cells. *Biomolecules*, **2021**, 11,	5.9	3
57	Chronic Mild Stress and Venlafaxine Treatment Were Associated with Altered Expression Level and Methylation Status of New Candidate Inflammatory Genes in PBMCs and Brain Structures of Wistar Rats. *Genes*, **2021**, 12,	4.2	3
56	Effect of Rehabilitation with Extremely Low Frequency Electromagnetic Field on Molecular Mechanism of Apoptosis in Post-Stroke Patients. *Brain Sciences*, **2020**, 10,	3.4	4
55	The Effect of Chronic Mild Stress and Venlafaxine on the Expression and Methylation Levels of Genes Involved in the Tryptophan Catabolites Pathway in the Blood and Brain Structures of Rats. *Journal of Molecular Neuroscience*, **2020**, 70, 1425-1436	3.3	5
54	The Changes of Expression and Methylation of Genes Involved in Oxidative Stress in Course of Chronic Mild Stress and Antidepressant Therapy with Agomelatine. *Genes*, **2020**, 11,	4.2	4
53	Diterpenoids from spp. as Potential Chemotherapeutic Agents via Apoptosis. *Pharmaceuticals*, **2020**, 13,	5.2	4
52	Melittin-A Natural Peptide from Bee Venom Which Induces Apoptosis in Human Leukaemia Cells. *Biomolecules*, **2020**, 10,	5.9	26
51	Preliminary Study of the Impact of Single-Nucleotide Polymorphisms of IL-1□IL-1□and TNF-□ Genes on the Occurrence, Severity and Treatment Effectiveness of the Major Depressive Disorder. *Cellular and Molecular Neurobiology*, **2020**, 40, 1049-1056	4.6	1
50	Effects of venlafaxine on the expression level and methylation status of genes involved in oxidative stress in rats exposed to a chronic mild stress. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 5675-5694	5.6	7
49	The Effect of Chronic Mild Stress and Escitalopram on the Expression and Methylation Levels of Genes Involved in the Oxidative and Nitrosative Stresses as Well as Tryptophan Catabolites Pathway in the Blood and Brain Structures. *International Journal of Molecular Sciences*, **2020**, 22,	6.3	4
48	Oxidative Damage of Blood Platelets Correlates with the Degree of Psychophysical Disability in Secondary Progressive Multiple Sclerosis. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 2868014	6.7	5
47	Autophagy Genes for Wet Age-Related Macular Degeneration in a Finnish Case-Control Study. *Genes*, **2020**, 11,	4.2	4
46	Mitochondrial DNA copy number, damage, repair and degradation in depressive disorder. *World Journal of Biological Psychiatry*, **2020**, 21, 91-101	3.8	9
45	Evaluation of the effects of extremely low frequency electromagnetic field on the levels of some inflammatory cytokines in post-stroke patients. *Journal of Rehabilitation Medicine*, **2019**, 51, 854-860	3.4	4

44	An Evaluation of the DNA-Protective Effects of Extracts from L. Plants Derived from Culture Associated with Redox Balance and Other Biological Activities. *Oxidative Medicine and Cellular Longevity*, **2019**, 2019, 9165784	6.7	4
43	Variation of Genes Encoding Tryptophan Catabolites Pathway Enzymes in Stroke. *Journal of Clinical Medicine*, **2019**, 8,	5.1	4
42	Association between single nucleotide polymorphisms of TPH1 and TPH2 genes, and depressive disorders. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 1778-1791	5.6	23
41	Variation of genes involved in oxidative and nitrosative stresses in depression. *European Psychiatry*, **2018**, 48, 38-48	6	20
40	An In Vitro Estimation of the Cytotoxicity and Genotoxicity of Root Extract from L. Overexpressing AtPAP1 against Different Cancer Cell Lines. *Molecules*, **2018**, 23,	4.8	11
39	Single-nucleotide polymorphisms of uracil-processing genes affect the occurrence and the onset of recurrent depressive disorder. *PeerJ*, **2018**, 6, e5116	3.1	6
38	Ethylene glycol dimethacrylate and diethylene glycol dimethacrylate exhibits cytotoxic and genotoxic effect on human gingival fibroblasts via induction of reactive oxygen species. *Toxicology in Vitro*, **2018**, 47, 8-17	3.6	2
37	Modulation of antioxidant enzyme gene expression by extremely low frequency electromagnetic field in post-stroke patients. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2018**, 78, 626-631	2	13
36	Transformed Root Extract Has Potent Anticancer Activity in Human Leukemia and Lung Adenocarcinoma Cell Lines. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 8198652	6.7	8
35	Increase in Blood Levels of Growth Factors Involved in the Neuroplasticity Process by Using an Extremely Low Frequency Electromagnetic Field in Post-stroke Patients. *Frontiers in Aging Neuroscience*, **2018**, 10, 294	5.3	14
34	Variation of genes encoding KAT1, AADAT and IDO1 as a potential risk of depression development. *European Psychiatry*, **2018**, 52, 95-103	6	9
33	Decreased expression level of BER genes in Alzheimer's disease patients is not derivative of their DNA methylation status. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2017**, 79, 311-316	5.5	15
32	Flavonolignans Inhibit IL1-β-Induced Cross-Talk between Blood Platelets and Leukocytes. *Nutrients*, **2017**, 9,	6.7	8
31	Evaluation of the Cytotoxicity and Genotoxicity of Flavonolignans in Different Cellular Models. *Nutrients*, **2017**, 9,	6.7	18
30	Eukaryotic TLS polymerases. *Postepy Higieny I Medycyny Doswiadczalnej*, **2016**, 70, 522-33	0.3	1
29	Expression of RUNX2 and its signaling partners TCF7, FGFR1/2 in cleidocranial dysplasia. *Acta Biochimica Polonica*, **2015**, 62, 123-6	2	4
28	UV Differentially Induces Oxidative Stress, DNA Damage and Apoptosis in BCR-ABL1-Positive Cells Sensitive and Resistant to Imatinib. *International Journal of Molecular Sciences*, **2015**, 16, 18111-28	6.3	11
27	Doxorubicin Differentially Induces Apoptosis, Expression of Mitochondrial Apoptosis-Related Genes, and Mitochondrial Potential in BCR-ABL1-Expressing Cells Sensitive and Resistant to Imatinib. *BioMed Research International*, **2015**, 2015, 673512	3	9

26	Polymorphism of the APEX nuclease 1 gene in keratoconus and Fuchs endothelial corneal dystrophy. *Cellular and Molecular Biology Letters*, **2015**, 20, 48-65	8.1	6
25	Variation in DNA Base Excision Repair Genes in Fuchs Endothelial Corneal Dystrophy. *Medical Science Monitor*, **2015**, 21, 2809-27	3.2	6
24	Lack of association between polymorphisms of the DNA base excision repair genes MUTYH and hOGG1 and keratoconus in a Polish subpopulation. *Archives of Medical Science*, **2015**, 11, 1101-10	2.9	6
23	Polymorphisms of the apoptosis-related FAS and FAS ligand genes in keratoconus and Fuchs endothelial corneal dystrophy. *Tohoku Journal of Experimental Medicine*, **2014**, 234, 17-27	2.4	10
22	Polymorphism of the flap endonuclease 1 gene in keratoconus and Fuchs endothelial corneal dystrophy. *International Journal of Molecular Sciences*, **2014**, 15, 14786-802	6.3	16
21	Polymorphism of the DNA base excision repair genes in keratoconus. *International Journal of Molecular Sciences*, **2014**, 15, 19682-99	6.3	10
20	Association between polymorphism of the DNA repair SMUG1 and UNG genes and age-related macular degeneration. *Retina*, **2014**, 34, 38-47	3.6	7
19	Polymorphism of UBC9 gene encoding the SUMO-E2-conjugating enzyme and breast cancer risk. *Pathology and Oncology Research*, **2014**, 20, 67-72	2.6	7
18	BLM and RAD51 genes polymorphism and susceptibility to breast cancer. *Pathology and Oncology Research*, **2013**, 19, 451-9	2.6	15
17	Polymorphism of the transferrin gene in eye diseases: keratoconus and Fuchs endothelial corneal dystrophy. *BioMed Research International*, **2013**, 2013, 247438	3	15
16	The role of mitochondrial DNA damage and repair in the resistance of BCR/ABL-expressing cells to tyrosine kinase inhibitors. *International Journal of Molecular Sciences*, **2013**, 14, 16348-64	6.3	13
15	Polymorphisms of the homologous recombination gene RAD51 in keratoconus and Fuchs endothelial corneal dystrophy. *Disease Markers*, **2013**, 35, 353-62	3.2	13
14	Association between polymorphism of the NQO1, NOS3 and NFE2L2 genes and AMD. *Frontiers in Bioscience - Landmark*, **2013**, 18, 80-90	2.8	12
13	2-hydroxylethyl methacrylate (HEMA), a tooth restoration component, exerts its genotoxic effects in human gingival fibroblasts trough methacrylic acid, an immediate product of its degradation. *Molecular Biology Reports*, **2012**, 39, 1561-74	2.8	35
12	An association between polymorphism of the heme oxygenase-1 and -2 genes and age-related macular degeneration. *Molecular Biology Reports*, **2012**, 39, 2081-7	2.8	15
11	Association between polymorphisms of the DNA base excision repair genes MUTYH and hOGG1 and age-related macular degeneration. *Experimental Eye Research*, **2012**, 98, 58-66	3.7	22
10	Genetic polymorphism of the iron-regulatory protein-1 and -2 genes in age-related macular degeneration. *Molecular Biology Reports*, **2012**, 39, 7077-87	2.8	14
9	Dental methacrylates may exert genotoxic effects via the oxidative induction of DNA double strand breaks and the inhibition of their repair. *Molecular Biology Reports*, **2012**, 39, 7487-96	2.8	35

8	Genetic variability in DNA repair proteins in age-related macular degeneration. *International Journal of Molecular Sciences*, **2012**, 13, 13378-97	6.3	17
7	Protective effect of chitosan oligosaccharide lactate against DNA double-strand breaks induced by a model methacrylate dental adhesive. *Medical Science Monitor*, **2011**, 17, BR201-208	3.2	4
6	Lack of association between the c.544G>A polymorphism of the heme oxygenase-2 gene and age-related macular degeneration. *Medical Science Monitor*, **2011**, 17, CR449-455	3.2	3
5	Efficacy of DNA double-strand breaks repair in breast cancer is decreased in carriers of the variant allele of the UBC9 gene c.73G>A polymorphism. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2010**, 694, 31-8	3.3	14
4	The c.469+46_56del mutation in the homeobox MSX1 gene--a novel risk factor in breast cancer?. *Cancer Epidemiology*, **2010**, 34, 652-5	2.8	9
3	DNA damage and repair in age-related macular degeneration. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2009**, 669, 169-76	3.3	25
2	Polymorphism of the homologous recombination repair genes RAD51 and XRCC3 in breast cancer. *Experimental and Molecular Pathology*, **2009**, 87, 32-5	4.4	51
1	Association between DNA damage, DNA repair genes variability and clinical characteristics in breast cancer patients. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2008**, 648, 65-72	3.3	79