List of Publications by Year in descending order

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		38742	45317
213	10,332	50	90
papers	citations	h-index	g-index
217	217	217	13388
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Ov	erlock 10 -	Tf 50742
2	Inflammation and its role in age-related macular degeneration. Cellular and Molecular Life Sciences, 2016, 73, 1765-1786.	5.4	489
3	Autophagy and heterophagy dysregulation leads to retinal pigment epithelium dysfunction and development of age-related macular degeneration. Autophagy, 2013, 9, 973-984.	9.1	279
4	BCR/ABL kinase induces self-mutagenesis via reactive oxygen species to encode imatinib resistance. Blood, 2006, 108, 319-327.	1.4	271
5	BCR/ABL oncogenic kinase promotes unfaithful repair of the reactive oxygen species–dependent DNA double-strand breaks. Blood, 2004, 104, 3746-3753.	1.4	252
6	Mechanisms of mitochondrial dysfunction and their impact on age-related macular degeneration. Progress in Retinal and Eye Research, 2020, 79, 100858.	15.5	239
7	DNA damage and repair in type 2 diabetes mellitus. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 554, 297-304.	1.0	200
8	A comparison of the in vitro genotoxicity of tri- and hexavalent chromium. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 469, 135-145.	1.7	199
9	Oxidative Stress, Hypoxia, and Autophagy in the Neovascular Processes of Age-Related Macular Degeneration. BioMed Research International, 2014, 2014, 1-7.	1.9	195
10	Fusion Tyrosine Kinases Induce Drug Resistance by Stimulation of Homology-Dependent Recombination Repair, Prolongation of G 2 /M Phase, and Protection from Apoptosis. Molecular and Cellular Biology, 2002, 22, 4189-4201.	2.3	188
11	Autophagy regulates death of retinal pigment epithelium cells in age-related macular degeneration. Cell Biology and Toxicology, 2017, 33, 113-128.	5.3	134
12	Role of antioxidant enzymes and small molecular weight antioxidants in the pathogenesis of age-related macular degeneration (AMD). Biogerontology, 2013, 14, 461-482.	3.9	126
13	Oxidative Stress in the Pathogenesis of Keratoconus and Fuchs Endothelial Corneal Dystrophy. International Journal of Molecular Sciences, 2013, 14, 19294-19308.	4.1	125
14	Autophagy in DNA Damage Response. International Journal of Molecular Sciences, 2015, 16, 2641-2662.	4.1	123
15	Role of Mitochondrial DNA Damage in ROS-Mediated Pathogenesis of Age-Related Macular Degeneration (AMD). International Journal of Molecular Sciences, 2019, 20, 2374.	4.1	121
16	In vitro studies on the genotoxicity of the organophosphorus insecticide malathion and its two analogues. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 445, 275-283.	1.7	117
17	Loss of NRF-2 and PGC-1α genes leads to retinal pigment epithelium damage resembling dry age-related macular degeneration. Redox Biology, 2019, 20, 1-12.	9.0	117
18	Anti-proliferative, pro-apoptotic and anti-oxidative activity of <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains: A review of mechanisms and therapeutic perspectives. Critical Reviews in Food Science and Nutrition, 2019, 59, 3456-3467.	10.3	116

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19	Polymorphisms of the promoter regions of matrix metalloproteinases genes MMP-1 and MMP-9 in breast cancer. Breast Cancer Research and Treatment, 2006, 95, 65-72.	2.5	113
20	In vitro genotoxicity of lead acetate: induction of single and double DNA strand breaks and DNA–protein cross-links. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 535, 127-139.	1.7	111
21	Senescence in the pathogenesis of age-related macular degeneration. Cellular and Molecular Life Sciences, 2020, 77, 789-805.	5.4	106
22	Protective action of melatonin against oxidative DNA damage—Chemical inactivation versus base-excision repair. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 634, 220-227.	1.7	96
23	BCR/ABL Inhibits Mismatch Repair to Protect from Apoptosis and Induce Point Mutations. Cancer Research, 2008, 68, 2576-2580.	0.9	92
24	Basal, oxidative and alkylative DNA damage, DNA repair efficacy and mutagen sensitivity in breast cancer. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 554, 139-148.	1.0	86
25	Interplay between Autophagy and the Ubiquitin-Proteasome System and Its Role in the Pathogenesis of Age-Related Macular Degeneration. International Journal of Molecular Sciences, 2019, 20, 210.	4.1	86
26	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.	1.0	85
27	PGC-1α Protects RPE Cells of the Aging Retina against Oxidative Stress-Induced Degeneration through the Regulation of Senescence and Mitochondrial Quality Control. The Significance for AMD Pathogenesis. International Journal of Molecular Sciences, 2018, 19, 2317.	4.1	84
28	Polymorphisms in RAD51, XRCC2 and XRCC3 genes of the homologous recombination repair in colorectal cancer—a case control study. Molecular Biology Reports, 2011, 38, 2849-2854.	2.3	81
29	Mitochondrial and Nuclear DNA Damage and Repair in Age-Related Macular Degeneration. International Journal of Molecular Sciences, 2013, 14, 2996-3010.	4.1	80
30	Pro- and Antioxidant Effects of Vitamin C in Cancer in correspondence to Its Dietary and Pharmacological Concentrations. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-18.	4.0	80
31	Potential of Schisandra chinensis (Turcz.) Baill. in Human Health and Nutrition: A Review of Current Knowledge and Therapeutic Perspectives. Nutrients, 2019, 11, 333.	4.1	76
32	American Ginseng (Panax quinquefolium L.) as a Source of Bioactive Phytochemicals with Pro-Health Properties. Nutrients, 2019, 11, 1041.	4.1	73
33	How to study dendriplexes II: Transfection and cytotoxicity. Journal of Controlled Release, 2010, 141, 110-127.	9.9	72
34	Cisplatin-evoked DNA fragmentation in normal and cancer cells and its modulation by free radical scavengers and the tyrosine kinase inhibitor STI571. Chemico-Biological Interactions, 2004, 147, 309-318.	4.0	70
35	Cellular Senescence in Age-Related Macular Degeneration: Can Autophagy and DNA Damage Response Play a Role?. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-15.	4.0	68
36	Genotoxicity of acrylamide in human lymphocytes. Chemico-Biological Interactions, 2004, 149, 137-149.	4.0	67

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37	Cellular and molecular mechanisms of age-related macular degeneration: From impaired autophagy to neovascularization. International Journal of Biochemistry and Cell Biology, 2013, 45, 1457-1467.	2.8	66
38	An Interplay between Senescence, Apoptosis and Autophagy in Glioblastoma Multiforme—Role in Pathogenesis and Therapeutic Perspective. International Journal of Molecular Sciences, 2018, 19, 889.	4.1	65
39	Dietary Polyphenols in Age-Related Macular Degeneration: Protection against Oxidative Stress and Beyond. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	63
40	Free radicals-mediated induction of oxidized DNA bases and DNAâ^'protein cross-links by nickel chloride. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 514, 233-243.	1.7	60
41	Mitochondrial quality control in AMD: does mitophagy play a pivotal role?. Cellular and Molecular Life Sciences, 2018, 75, 2991-3008.	5.4	60
42	The Long Noncoding RNA HOTAIR in Breast Cancer: Does Autophagy Play a Role?. International Journal of Molecular Sciences, 2017, 18, 2317.	4.1	58
43	Polymorphism of the homologous recombination repair genes RAD51 and XRCC3 in breast cancer. Experimental and Molecular Pathology, 2009, 87, 32-35.	2.1	57
44	Genotoxicity and cytotoxicity of 2-hydroxyethyl methacrylate. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 696, 122-129.	1.7	56
45	Autophagy in age-related macular degeneration. Autophagy, 2023, 19, 388-400.	9.1	56
46	DNA damage and repair in gastric cancer—A correlation with the hOGG1 and RAD51 genes polymorphisms. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 601, 83-91.	1.0	55
47	DNA damage response and autophagy in the degeneration of retinal pigment epithelial cells—Implications for age-related macular degeneration (AMD). Ageing Research Reviews, 2017, 36, 64-77.	10.9	55
48	NF-κB-Mediated Inflammation in the Pathogenesis of Intracranial Aneurysm and Subarachnoid Hemorrhage. Does Autophagy Play a Role?. International Journal of Molecular Sciences, 2018, 19, 1245.	4.1	55
49	Zinc salts differentially modulate DNA damage in normal and cancer cells. Cell Biology International, 2009, 33, 542-547.	3.0	54
50	A comparison of the action of amifostine and melatonin on DNA-damaging effects and apoptosis induced by idarubicin in normal and cancer cells. Journal of Pineal Research, 2005, 38, 254-263.	7.4	53
51	ATR-Chk1 Axis Protects BCR/ABL Leukemia Cells from the Lethal Effect of DNA Double-Strand Breaks. Cell Cycle, 2006, 5, 994-1000.	2.6	53
52	BCR/ABL Stimulates WRN to Promote Survival and Genomic Instability. Cancer Research, 2011, 71, 842-851.	0.9	53
53	Independent and combined cytotoxicity and genotoxicity of triethylene glycol dimethacrylate and urethane dimethacrylate. Molecular Biology Reports, 2011, 38, 4603-4611.	2.3	52
54	DNA damage and repair in human lymphocytes and gastric mucosa cells exposed to chromium and curcumin. Teratogenesis, Carcinogenesis, and Mutagenesis, 1999, 19, 19-31.	0.8	51

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55	In vitro effect of gliclazide on DNA damage and repair in patients with type 2 diabetes mellitus (T2DM). Chemico-Biological Interactions, 2008, 173, 159-165.	4.0	51
56	Analysis of the G/C polymorphism in the 5'-untranslated region of the RAD51 gene in breast cancer Acta Biochimica Polonica, 2003, 50, 249-253.	0.5	51
57	Free radical scavengers can differentially modulate the genotoxicity of amsacrine in normal and cancer cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 535, 25-34.	1.7	50
58	An association between vascular endothelial growth factor gene promoter polymorphisms and diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 246, 39-43.	1.9	50
59	Polymorphisms of the BRCA2 and RAD51 Genes in Breast Cancer. Breast Cancer Research and Treatment, 2005, 94, 105-109.	2.5	48
60	Role of RUNX2 in Breast Carcinogenesis. International Journal of Molecular Sciences, 2015, 16, 20969-20993.	4.1	47
61	RUNX2: A Master Bone Growth Regulator That May Be Involved in the DNA Damage Response. DNA and Cell Biology, 2015, 34, 305-315.	1.9	45
62	Vanadyl sulfate can differentially damage DNA in human lymphocytes and HeLa cells. Archives of Toxicology, 2004, 78, 7-15.	4.2	44
63	Melatonin in Retinal Physiology and Pathology: The Case of Age-Related Macular Degeneration. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	4.0	44
64	DNA damage and repair in children with Down's syndrome. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 637, 118-123.	1.0	42
65	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, 7487-7496.	2.3	42
66	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, 1561-1574.	2.3	42
67	Cytotoxicity and genotoxicity of glycidyl methacrylate. Chemico-Biological Interactions, 2009, 180, 69-78.	4.0	41
68	Polymorphism of the DNA repair genes RAD51 and XRCC2 in smoking- and drinking-related laryngeal cancer in a Polish population. Archives of Medical Science, 2012, 6, 1065-1075.	0.9	41
69	Genotoxicity of idarubicin and its modulation by vitamins C and E and amifostine. Chemico-Biological Interactions, 2002, 140, 1-18.	4.0	40
70	The DNA-damaging potential of tamoxifen in breast cancer and normal cells. Archives of Toxicology, 2007, 81, 519-527.	4.2	40
71	DNA damage and repair in age-related macular degeneration. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 669, 169-176.	1.0	40
72	DNA damage and repair in endometrial cancer in correlation with the hOGG1 and RAD51 genes polymorphism. Molecular Biology Reports, 2011, 38, 1163-1170.	2.3	40

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73	Resveratrol may reduce oxidative stress induced by platinum compounds in human plasma, blood platelets and lymphocytes. Anti-Cancer Drugs, 2005, 16, 659-665.	1.4	39
74	Common Polymorphisms in the XPD and hOGG1 Genes Are Not Associated with the Risk of Colorectal Cancer in a Polish Population. Tohoku Journal of Experimental Medicine, 2009, 218, 185-191.	1.2	39
75	Association between vascular endothelial growth factor gene polymorphisms and age-related macular degeneration in a Polish population. Experimental and Molecular Pathology, 2009, 87, 234-238.	2.1	37
76	Inhibition of DNA methyltransferase or histone deacetylase protects retinal pigment epithelial cells from DNA damage induced by oxidative stress by the stimulation of antioxidant enzymes. European Journal of Pharmacology, 2016, 776, 167-175.	3.5	36
77	DNA damage and repair in Helicobacter pylori-infected gastric mucosa cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 570, 129-135.	1.0	34
78	Therapeutic Effect of Melatonin in Patients With Functional Dyspepsia. Journal of Clinical Gastroenterology, 2007, 41, 270-274.	2.2	34
79	DNA damage and repair in human lymphocytes exposed to three anticancer platinum drugs. Teratogenesis, Carcinogenesis, and Mutagenesis, 2000, 20, 119-131.	0.8	31
80	DOES THE BCR/ABL-MEDIATED INCREASE IN THE EFFICACY OF DNA REPAIR PLAY A ROLE IN THE DRUG RESISTANCE OF CANCER CELLS?. Cell Biology International, 2002, 26, 363-370.	3.0	31
81	DNA-Damaging Anticancer Drugs – A Perspective for DNA Repair- Oriented Therapy. Current Medicinal Chemistry, 2017, 24, 1488-1503.	2.4	31
82	Fusion oncogenic tyrosine kinases alter DNA damage and repair after genotoxic treatment: role in drug resistance?. Leukemia Research, 2003, 27, 267-273.	0.8	29
83	Implications of altered iron homeostasis for age-related macular degeneration. Frontiers in Bioscience - Landmark, 2011, 16, 1551.	3.0	29
84	Expression of VEGFAâ€regulating miRNAs and mortality in wet AMD. Journal of Cellular and Molecular Medicine, 2019, 23, 8464-8471.	3.6	29
85	Mitochondria in migraine pathophysiology – does epigenetics play a role?. Archives of Medical Science, 2019, 15, 944-956.	0.9	28
86	Interaction of amoxicillin with DNA in human lymphocytes and H. pylori-infected and non-infected gastric mucosa cells. Chemico-Biological Interactions, 2005, 152, 13-24.	4.0	27
87	DNA damage and repair in Fuchs endothelial corneal dystrophy. Molecular Biology Reports, 2013, 40, 2977-2983.	2.3	27
88	Therapy of Chronic Myeloid Leukemia: Twilight of the Imatinib Era?. ISRN Oncology, 2014, 2014, 1-9.	2.1	27
89	All-Trans Retinoic Acid Modulates DNA Damage Response and the Expression of the VEGF-A and MKI67 Genes in ARPE-19 Cells Subjected to Oxidative Stress. International Journal of Molecular Sciences, 2016, 17, 898.	4.1	27
90	ls an "Epigenetic Diet―for Migraines Justified? The Case of Folate and DNA Methylation. Nutrients, 2019, 11. 2763.	4.1	27

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91	Nutrients to Improve Mitochondrial Function to Reduce Brain Energy Deficit and Oxidative Stress in Migraine. Nutrients, 2021, 13, 4433.	4.1	27
92	Mutations in the Human Homeobox MSX1 Gene in the Congenital Lack of Permanent Teeth. Tohoku Journal of Experimental Medicine, 2009, 217, 307-312.	1.2	26
93	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.	2.6	26
94	DNA2—An Important Player in DNA Damage Response or Just Another DNA Maintenance Protein?. International Journal of Molecular Sciences, 2017, 18, 1562.	4.1	26
95	Polymorphisms of the DNA Mismatch Repair Gene HMSH2 in Breast Cancer Occurence and Progression. Breast Cancer Research and Treatment, 2005, 94, 199-204.	2.5	25
96	The Cys326 Allele of the 8-Oxoguanine DNA N-Glycosylase 1 Gene as a Risk Factor in Smoking- and Drinking-Associated Larynx Cancer. Tohoku Journal of Experimental Medicine, 2009, 219, 269-275.	1.2	25
97	An association of transferrin gene polymorphism and serum transferrin levels with age-related macular degeneration. Experimental Eye Research, 2013, 106, 14-23.	2.6	25
98	DNA Repair—A Double-Edged Sword in the Genomic Stability of Cancer Cells—The Case of Chronic Myeloid Leukemia. International Journal of Molecular Sciences, 2015, 16, 27535-27549.	4.1	25
99	Imatinib Mesylate (STI571) Abrogates the Resistance to Doxorubicin in K562 Chronic Myeloid Leukemia Cells by Inhibition of BCR/ABL Kinase-Mediated DNA Repair Blood, 2005, 106, 1525-1525.	1.4	25
100	Melatonin secretion and metabolism in patients with hepatic encephalopathy. Journal of Gastroenterology and Hepatology (Australia), 2013, 28, 342-347.	2.8	24
101	DNA Damage/Repair and Polymorphism of thehOGG1Gene in Lymphocytes of AMD Patients. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-9.	3.0	23
102	Genotoxicity of urethane dimethacrylate, a tooth restoration component. Toxicology in Vitro, 2010, 24, 854-862.	2.4	23
103	Wortmannin potentiates the combined effect of etoposide and cisplatin in human glioma cells. International Journal of Biochemistry and Cell Biology, 2014, 53, 423-431.	2.8	23
104	The Aging Stress Response and Its Implication for AMD Pathogenesis. International Journal of Molecular Sciences, 2020, 21, 8840.	4.1	23
105	MicroRNAs in the regulation of autophagy and their possible use in age-related macular degeneration therapy. Ageing Research Reviews, 2021, 67, 101260.	10.9	23
106	Imatinib (STI571) induces DNA damage in BCR/ABL-expressing leukemic cells but not in normal lymphocytes. Chemico-Biological Interactions, 2005, 152, 139-150.	4.0	22
107	Association between sorbitol dehydrogenase gene polymorphisms and type 2 diabetic retinopathy. Experimental Eye Research, 2008, 86, 647-652.	2.6	22
108	Perspectives on the use of melatonin to reduce cytotoxic and genotoxic effects of methacrylate-based dental materials. Journal of Pineal Research, 2011, 51, 157-162.	7.4	22

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109	Genetic Variability in DNA Repair Proteins in Age-Related Macular Degeneration. International Journal of Molecular Sciences, 2012, 13, 13378-13397.	4.1	22
110	Autophagy regulating kinases as potential therapeutic targets for age-related macular degeneration. Future Medicinal Chemistry, 2012, 4, 2153-2161.	2.3	22
111	Polymorphisms of DNA Repair Genes in Endometrial Cancer. Pathology and Oncology Research, 2012, 18, 1015-1020.	1.9	22
112	An association between polymorphism of the heme oxygenase-1 and -2 genes and age-related macular degeneration. Molecular Biology Reports, 2012, 39, 2081-2087.	2.3	22
113	Polymorphism of the Flap Endonuclease 1 Gene in Keratoconus and Fuchs Endothelial Corneal Dystrophy. International Journal of Molecular Sciences, 2014, 15, 14786-14802.	4.1	22
114	Tryptophan Intake and Metabolism in Older Adults with Mood Disorders. Nutrients, 2020, 12, 3183.	4.1	22
115	Interplay between BRCA1 and GADD45A and Its Potential for Nucleotide Excision Repair in Breast Cancer Pathogenesis. International Journal of Molecular Sciences, 2020, 21, 870.	4.1	22
116	The influence of Lactobacillus casei DN 114 001 on the activity of faecal enzymes and genotoxicity of faecal water in the presence of heterocyclic aromatic amines. Anaerobe, 2014, 30, 129-136.	2.1	21
117	Role of biochemical factors in the pathogenesis of keratoconus. Acta Biochimica Polonica, 2014, 61, 55-62.	0.5	21
118	Amifostine differentially modulates DNA damage evoked by idarubicin in normal and leukemic cells. Leukemia Research, 2002, 26, 1093-1096.	0.8	20
119	Polymorphisms of the DNA polymerase Î <sup>2</sup> gene in breast cancer. Breast Cancer Research and Treatment, 2007, 103, 161-166.	2.5	20
120	Helicobacter pylori infection and antioxidants can modulate the genotoxic effects of heterocyclic amines in gastric mucosa cells. Molecular Biology Reports, 2013, 40, 5205-5212.	2.3	20
121	Nucleotide Excision Repair and Vitamin D—Relevance for Skin Cancer Therapy. International Journal of Molecular Sciences, 2016, 17, 372.	4.1	20
122	Potential of epigenetic mechanisms in AMD pathology. Frontiers in Bioscience - Scholar, 2013, S5, 412-425.	2.1	19
123	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, 1-9.	1.9	19
124	Role of the Cell Cycle Re-Initiation in DNA Damage Response of Post-Mitotic Cells and Its Implication in the Pathogenesis of Neurodegenerative Diseases. Rejuvenation Research, 2016, 19, 131-139.	1.8	19
125	Genotoxicity of Malaoxon: Induction of Oxidized and Methylated Bases and Protective Effect of α-Tocopherol. Pesticide Biochemistry and Physiology, 2001, 71, 88-96.	3.6	18
126	Imatinib mesylate (STI571) abrogates the resistance to doxorubicin in human K562 chronic myeloid leukemia cells by inhibition of BCR/ABL kinase-mediated DNA repair. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 603, 74-82.	1.7	18

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127	Antioxidant properties of trans-3,3′,5,5′-tetrahydroxy-4′-methoxystilbene against modification of variety of biomolecules in human blood cells treated with platinum compounds. Nutrition, 2006, 22, 1202-1209.	2.4	18
128	STI571 reduces NER activity in BCR/ABL-expressing cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 654, 162-167.	1.7	18
129	Polymorphism of the Transferrin Gene in Eye Diseases: Keratoconus and Fuchs Endothelial Corneal Dystrophy. BioMed Research International, 2013, 2013, 1-9.	1.9	18
130	Transferrin receptor levels and polymorphism of its gene in age-related macular degeneration. Acta Biochimica Polonica, 2015, 62, 177-184.	0.5	18
131	Reactive oxygen species in BCR-ABL1-expressing cells – relevance to chronic myeloid leukemia. Acta Biochimica Polonica, 2017, 64, 1-10.	0.5	18
132	Zinc and Autophagy in Age-Related Macular Degeneration. International Journal of Molecular Sciences, 2020, 21, 4994.	4.1	18
133	Role of mitochondria in carcinogenesis. Acta Biochimica Polonica, 2014, 61, 671-8.	0.5	18
134	Genetic polymorphism of the iron-regulatory protein-1 and -2 genes in age-related macular degeneration. Molecular Biology Reports, 2012, 39, 7077-7087.	2.3	17
135	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, 16348-16364.	4.1	17
136	Allosteric Inhibition of the (Na++ K+)-ATPase by Parathion and Methylparathion. Pesticide Biochemistry and Physiology, 1996, 54, 40-47.	3.6	16
137	Effect of paraoxon-methyl and parathion-methyl on DNA in human lymphocytes and protective action of vitamin C. Pest Management Science, 1999, 55, 1182-1186.	0.4	16
138	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, 31-38.	1.0	16
139	Probiotic preparation reduces the faecal water genotoxicity in chickens fed with aflatoxin B1 contaminated fodder. Research in Veterinary Science, 2010, 89, 391-395.	1.9	16
140	Protective effect of lactofermented beetroot juice against aberrant crypt foci formation and genotoxicity of fecal water in rats. Experimental and Toxicologic Pathology, 2012, 64, 599-604.	2.1	16
141	Kynurenine Pathway of Tryptophan Metabolism in Migraine and Functional Gastrointestinal Disorders. International Journal of Molecular Sciences, 2021, 22, 10134.	4.1	16
142	Polymorphism of the <i>ERα</i> and <i>CYP1B1</i> genes in endometrial cancer in a Polish subpopulation. Journal of Obstetrics and Gynaecology Research, 2010, 36, 311-317.	1.3	15
143	An association between environmental factors and the IVS4+44C>A polymorphism of the DMT1 gene in age-related macular degeneration. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1057-1065.	1.9	15
144	Polymorphisms of the Homologous Recombination Gene <i>RAD51</i> in Keratoconus and Fuchs Endothelial Corneal Dystrophy. Disease Markers, 2013, 35, 353-362.	1.3	15

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145	Single-Strand Annealing in Cancer. International Journal of Molecular Sciences, 2021, 22, 2167.	4.1	15
146	Epigenetic Connection of the Calcitonin Gene-Related Peptide and Its Potential in Migraine. International Journal of Molecular Sciences, 2022, 23, 6151.	4.1	15
147	DNA damage and repair in age-related macular degeneration. Frontiers in Bioscience - Landmark, 2011, 16, 1291.	3.0	14
148	Cytotoxicity and genotoxicity of capecitabine in head and neck cancer and normal cells. Molecular Biology Reports, 2011, 38, 3679-3688.	2.3	14
149	Expression of Melatonin Synthesizing Enzymes in <i>Helicobacter pylori</i> Infected Gastric Mucosa. BioMed Research International, 2013, 2013, 1-7.	1.9	14
150	Association between polymorphism of theÂNQO1,ÂNOS3ÂandÂNFE2L2Âgenes and AMD. Frontiers in Bioscience - Landmark, 2013, 18, 80.	3.0	14
151	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.	1.2	14
152	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, 18111-18128.	4.1	14
153	Vitamin D in Triple-Negative and BRCA1-Deficient Breast Cancer—Implications for Pathogenesis and Therapy. International Journal of Molecular Sciences, 2020, 21, 3670.	4.1	14
154	Epithelial-Mesenchymal Transition and Senescence in the Retinal Pigment Epithelium of NFE2L2/PGC-1α Double Knock-Out Mice. International Journal of Molecular Sciences, 2021, 22, 1684.	4.1	14
155	Therapeutic potential of PGC-1α in age-related macular degeneration (AMD) – the involvement of mitochondrial quality control, autophagy, and antioxidant response. Expert Opinion on Therapeutic Targets, 2021, 25, 773-785.	3.4	14
156	Inhibition of telomerase activity in endometrial cancer cells by selenium-cisplatin conjugate despite suppression of its DNA-damaging activity by sodium ascorbate. Teratogenesis, Carcinogenesis, and Mutagenesis, 2002, 22, 73-82.	0.8	13
157	BCR/ABL downregulates DNA-PKCS-dependent and upregulates backup non-homologous end joining in leukemic cells. Molecular Biology Reports, 2010, 37, 2309-2315.	2.3	13
158	Melatonin Levels in Serum and Ascitic Fluid of Patients with Hepatic Encephalopathy. Gastroenterology Research and Practice, 2012, 2012, 1-7.	1.5	13
159	Reactive Oxygen Species and Mitochondrial DNA Damage and Repair in BCR-ABL1 Cells Resistant to Imatinib. BioResearch Open Access, 2015, 4, 334-342.	2.6	13
160	Autophagy Genes for Wet Age-Related Macular Degeneration in a Finnish Case-Control Study. Genes, 2020, 11, 1318.	2.4	13
161	Nutrition in Cancer Therapy in the Elderly—An Epigenetic Connection?. Nutrients, 2020, 12, 3366.	4.1	13
162	Secretion of melatonin and 6-sulfatoxymelatonin urinary excretion in functional dyspepsia. World Journal of Gastroenterology, 2011, 17, 2646.	3.3	13

#	Article	IF	CITATIONS
163	The A Allele of the -576G>A Polymorphism of the Transferrin Gene Is Associated with the Increased Risk of Age-Related Macular Degeneration in Smokers. Tohoku Journal of Experimental Medicine, 2011, 223, 253-261.	1.2	12
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