BoÅ¼ena Bukowska

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8638350/publications.pdf

Version: 2024-02-01

73	2,450	218677	223800
papers	citations	26 h-index	46 g-index

78	78	78	2821
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tea and coffee polyphenols and their biological properties based on the latest in vitro investigations. Industrial Crops and Products, 2022, 175, 114265.	5.2	56
2	A review on environmental occurrence, toxic effects and transformation of man-made bromophenols. Science of the Total Environment, 2022, 811, 152289.	8.0	19
3	Molecular Mechanisms of Action of Selected Substances Involved in the Reduction of Benzo[a]pyrene-Induced Oxidative Stress. Molecules, 2022, 27, 1379.	3.8	24
4	The selected epigenetic effects of phthalates: DBP, BBP and their metabolites: MBP, MBzP on human peripheral blood mononuclear cells (In Vitro). Toxicology in Vitro, 2022, 82, 105369.	2.4	1
5	Benzo[a]pyreneâ€"Environmental Occurrence, Human Exposure, and Mechanisms of Toxicity. International Journal of Molecular Sciences, 2022, 23, 6348.	4.1	89
6	Extracts from Uncaria tomentosa as antiplatelet agents and thrombin inhibitors â€“ The in vitro and in silico study. Journal of Ethnopharmacology, 2021, 267, 113494.	4.1	17
7	Genotoxic risk assessment and mechanism of DNA damage induced by phthalates and their metabolites in human peripheral blood mononuclear cells. Scientific Reports, 2021, 11, 1658.	3.3	28
8	Glyphosate and AMPA Induce Alterations in Expression of Genes Involved in Chromatin Architecture in Human Peripheral Blood Mononuclear Cells (In Vitro). International Journal of Molecular Sciences, 2021, 22, 2966.	4.1	12
9	Oxidative Properties of Polystyrene Nanoparticles with Different Diameters in Human Peripheral Blood Mononuclear Cells (In Vitro Study). International Journal of Molecular Sciences, 2021, 22, 4406.	4.1	17
10	Changes in Human Erythrocyte Membrane Exposed to Aqueous and Ethanolic Extracts from Uncaria tomentosa. Molecules, 2021, 26, 3189.	3.8	7
11	Changes in Human Erythrocyte Exposed to Organophosphate Flame Retardants: Tris(2-chloroethyl) Phosphate and Tris(1-chloro-2-propyl) Phosphate. Materials, 2021, 14, 3675.	2.9	3
12	An In Vitro Comparative Study of the Effects of Tetrabromobisphenol A and Tetrabromobisphenol S on Human Erythrocyte Membranesâ€"Changes in ATP Level, Perturbations in Membrane Fluidity, Alterations in Conformational State and Damage to Proteins. International Journal of Molecular Sciences, 2021, 22, 9443.	4.1	6
13	Sex biased effect of acute heat shock on the antioxidant system of non-native round goby Neogobius melanostomus. PLoS ONE, 2021, 16, e0260641.	2.5	2
14	Influence of Benzo(a)pyrene on Different Epigenetic Processes. International Journal of Molecular Sciences, 2021, 22, 13453.	4.1	29
15	Evaluation of apoptotic potential of glyphosate metabolites and impurities in human peripheral blood mononuclear cells (in vitro study). Food and Chemical Toxicology, 2020, 135, 110888.	3.6	14
16	Glyphosate affects methylation in the promoter regions of selected tumor suppressors as well as expression of major cell cycle and apoptosis drivers in PBMCs (in vitro study). Toxicology in Vitro, 2020, 63, 104736.	2.4	31
17	The selected epigenetic effects of aminomethylphosphonic acid, a primary metabolite of glyphosate on human peripheral blood mononuclear cells (in vitro). Toxicology in Vitro, 2020, 66, 104878.	2.4	9
18	Evaluation of the Effect of Selected Brominated Flame Retardants on Human Serum Albumin and Human Erythrocyte Membrane Proteins. International Journal of Molecular Sciences, 2020, 21, 3926.	4.1	6

#	Article	IF	Citations
19	Polystyrene nanoparticles: Sources, occurrence in the environment, distribution in tissues, accumulation and toxicity to various organisms. Environmental Pollution, 2020, 262, 114297.	7.5	244
20	Molecular mechanism of curcumin action in signaling pathways: Review of the latest research. Phytotherapy Research, 2020, 34, 1992-2005.	5.8	90
21	The Protective Effect of Dabigatran and Rivaroxaban on DNA Oxidative Changes in a Model of Vascular Endothelial Damage with Oxidized Cholesterol. International Journal of Molecular Sciences, 2020, 21, 1953.	4.1	21
22	Human Erythrocytes Exposed to Phthalates and Their Metabolites Alter Antioxidant Enzyme Activity and Hemoglobin Oxidation. International Journal of Molecular Sciences, 2020, 21, 4480.	4.1	18
23	Eryptosis in polycythemia vera and essential thrombocythemia*. Postepy Higieny I Medycyny Doswiadczalnej, 2020, 74, 69-76.	0.1	1
24	Changes in the activities of antioxidant enzymes and reduced glutathione level in human erythrocytes exposed to selected brominated flame retardants. Chemosphere, 2019, 227, 93-99.	8.2	32
25	InÂvitro assessment of eryptotic potential of tetrabromobisphenol A and other bromophenolic flame retardants. Chemosphere, 2019, 215, 404-412.	8.2	26
26	Molecular mechanism of amygdalin action in vitro: review of the latest research. Immunopharmacology and Immunotoxicology, 2018, 40, 212-218.	2.4	45
27	Low-concentration exposure to BPA, BPF and BPAF induces oxidative DNA bases lesions in human peripheral blood mononuclear cells. Chemosphere, 2018, 201, 119-126.	8.2	63
28	The effect of two bromfenvinphos impurities: BDCEE and Î²-ketophosphonate on oxidative stress induction, acetylcholinesterase activity, and viability of human red blood cells. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 931-937.	1.7	0
29	Changes in Cholinesterase Activity in Blood of Adolescent with Metabolic Syndrome after Supplementation with Extract fromAronia melanocarpa. BioMed Research International, 2018, 2018, 1-8.	1.9	19
30	The mechanism of DNA damage induced by Roundup 360 PLUS, glyphosate and AMPA in human peripheral blood mononuclear cells - genotoxic risk assessement. Food and Chemical Toxicology, 2018, 120, 510-522.	3.6	71
31	Bisphenol A, bisphenol S, bisphenol F and bisphenol AF induce different oxidative stress and damage in human red blood cells (in vitro study). Toxicology in Vitro, 2017, 41, 143-149.	2.4	177
32	DNA damage and methylation induced by glyphosate in human peripheral blood mononuclear cells () Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.6	88
33	The in vitro comparative study of the effect of BPA, BPS, BPF and BPAF on human erythrocyte membrane; perturbations in membrane fluidity, alterations in conformational state and damage to proteins, changes in ATP level and Na+/K+ ATPase and AChE activities. Food and Chemical Toxicology, 2017, 110, 351-359.	3.6	34
34	Evaluation of the effect of brominated flame retardants on hemoglobin oxidation and hemolysis in human erythrocytes. Food and Chemical Toxicology, 2017, 109, 264-271.	3.6	32
35	Effect of intensive lipid-lowering therapies on cholinesterase activity in patients with coronary artery disease. Pharmacological Reports, 2017, 69, 150-155.	3.3	10
36	Decreased activity of butyrylcholinesterase in blood plasma of patients with chronic obstructive pulmonary disease. Archives of Medical Science, 2017, 3, 645-651.	0.9	26

#	Article	IF	Citations
37	The Impact of Glyphosate, Its Metabolites and Impurities on Viability, ATP Level and Morphological changes in Human Peripheral Blood Mononuclear Cells. PLoS ONE, 2016, 11, e0156946.	2.5	32
38	Eryptosis-inducing activity of bisphenol A and its analogs in human red blood cells (in vitro study). Journal of Hazardous Materials, 2016, 307, 328-335.	12.4	100
39	Oxidative stress in human erythrocytes treated with bromfenvinphos and its impurities. Pesticide Biochemistry and Physiology, 2015, 118, 43-49.	3.6	6
40	Comparative study of the effect of BPA and its selected analogues on hemoglobin oxidation, morphological alterations and hemolytic changes in human erythrocytes. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 176-177, 62-70.	2.6	31
41	Oxidative stress and damage to erythrocytes in patients with chronic obstructive pulmonary disease â€" changes in ATPase and acetylcholinesterase activity. Biochemistry and Cell Biology, 2015, 93, 574-580.	2.0	18
42	The effect of catechol on human peripheral blood mononuclear cells (in vitro study). Environmental Toxicology and Pharmacology, 2015, 39, 187-193.	4.0	17
43	The effect of glyphosate, its metabolites and impurities on erythrocyte acetylcholinesterase activity. Environmental Toxicology and Pharmacology, 2014, 37, 1101-1108.	4.0	27
44	The effect of metabolites and impurities of glyphosate on human erythrocytes (in vitro). Pesticide Biochemistry and Physiology, 2014, 109, 34-43.	3.6	81
45	Oxidative damage to human red blood cells treated with chlorfenvinphos, an organophosphate insecticide (in vitro). Biologia (Poland), 2013, 68, 773-778.	1.5	8
46	Chlorobenzenes, lindane and dieldrin induce apoptotic alterations in human peripheral blood lymphocytes (in vitro study). Environmental Toxicology and Pharmacology, 2013, 36, 979-988.	4.0	11
47	ROS production and their influence on the cellular antioxidative system in human erythrocytes incubated with daunorubicin and glutaraldehyde. Environmental Toxicology and Pharmacology, 2013, 36, 171-181.	4.0	15
48	The effect of bromfenvinphos, its impurities and chlorfenvinphos on acetylcholinesterase activity. International Journal of Biological Macromolecules, 2013, 57, 38-44.	7.5	15
49	Studies of biological properties of Uncaria tomentosa extracts on human blood mononuclear cells. Journal of Ethnopharmacology, 2012, 142, 669-678.	4.1	16
50	Evaluation of the effect of Uncaria tomentosa extracts on the size and shape of human erythrocytes (in vitro). Environmental Toxicology and Pharmacology, 2012, 33, 127-134.	4.0	18
51	Uncaria tomentosa extracts protect human erythrocyte catalase against damage induced by 2,4-D-Na and its metabolites. Food and Chemical Toxicology, 2012, 50, 2123-2127.	3.6	6
52	Impact of chlorfenvinphos, an organophosphate insecticide on human blood mononuclear cells (in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	7
53	The effect of alendronate sodium on human erythrocytes. Environmental Toxicology and Pharmacology, 2011, 32, 306-314.	4.0	8
54	The effect of bromfenvinphos and its impurities on human erythrocyte. Food and Chemical Toxicology, 2011, 49, 502-507.	3.6	11

#	Article	IF	Citations
55	Protective activity of the Uncaria tomentosa extracts on human erythrocytes in oxidative stress induced by 2,4-dichlorophenol (2,4-DCP) and catechol. Food and Chemical Toxicology, 2011, 49, 2202-2211.	3.6	37
56	Comparison of the effect of phenoxyherbicides on human erythrocyte membrane (in vitro). Biologia (Poland), 2011, 66, 379-385.	1.5	6
57	Chloroguaiacols Change Some Antioxidative Parameters and Affect the Activity of Glutathione S-transferase in the Leaves of Reed Canary Grass (Phalaris arudinacea). Water, Air, and Soil Pollution, 2010, 207, 19-28.	2.4	1
58	Phenoxyherbicides induce production of free radicals in human erythrocytes: Oxidation of dichlorodihydrofluorescine and dihydrorhodamine 123 by 2,4-D-Na and MCPA-Na. Food and Chemical Toxicology, 2008, 46, 359-367.	3.6	35
59	The differences in phenolic content in rivers exposed and non-exposed to anthropogenic contamination. Chemosphere, 2008, 71, 735-741.	8.2	23
60	Alterations in human red blood cell properties induced by 3-(dimethylamino)phenol (in vitro). Toxicology in Vitro, 2007, 21, 1574-1580.	2.4	6
61	Comparison of the effect of phenol and its derivatives on protein and free radical formation in human erythrocytes (in vitro). Blood Cells, Molecules, and Diseases, 2007, 39, 238-244.	1.4	44
62	Comparison of the effect of Aminopielik D pesticide and its active components on human erythrocytes. Environmental Toxicology and Pharmacology, 2006, 22, 189-193.	4.0	8
63	Damage of cell membrane and antioxidative system in human erythrocytes incubated with microcystin-LR in vitro. Toxicon, 2006, 47, 387-397.	1.6	64
64	Superoxide Dismutases and Their Inhibitors-the Role in Some Diseases. Current Enzyme Inhibition, 2006, 2, 379-397.	0.4	6
65	2,4-D and MCPA and their derivatives: Effect on the activity of membrane erythrocytes acetylcholinesterase (in vitro). Pesticide Biochemistry and Physiology, 2006, 85, 174-180.	3.6	40
66	Comparison of the effect of Roundup Ultra 360 SL pesticide and its active compound glyphosate on human erythrocytes. Pesticide Biochemistry and Physiology, 2004, 79, 58-63.	3.6	43
67	2,4,5â€¯ and 2,4,5â€¯CP induce oxidative damage in human erythrocytes: the role of glutathione. Cell Biology International, 2004, 28, 557-563.	3.0	39
68	Phenol and catechol induce prehemolytic and hemolytic changes in human erythrocytes. Toxicology Letters, 2004, 152, 73-84.	0.8	87
69	Damage to erythrocytes caused by 2,3,7,8-tetrachloro-dibenzo-p-dioxin (in vitro). Cellular and Molecular Biology Letters, 2004, 9, 261-70.	7.0	6
70	Effect of 4-chloro-2-methylphenoxyacetic acid and 2,4-dimethylphenol on human erythrocytes. Pesticide Biochemistry and Physiology, 2003, 77, 92-98.	3.6	17
71	Effects of 2,4-D and its metabolite 2,4-dichlorophenol on antioxidant enzymes and level of glutathione in human erythrocytes. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2003, 135, 435-441.	2.6	90
72	CATALASE ACTIVITY IN HUMAN ERYTHROCYTES: EFFECT OF PHENOXYHERBICIDES AND THEIR METABOLITES. Cell Biology International, 2000, 24, 705-711.	3.0	43

#	Article	IF	Citations
73	Influence of phenoxyherbicides and their metabolities on the form of oxyâ€and deoxyhemoglobin of vertebrates. IUBMB Life, 1998, 45, 47-59.	3.4	3