Malgorzata Michalina BrzÃ³ska

List of Publications by Year
in descending order

61 papers	2,497 citations	186265 28 h-index	206112 48 g-index
65 all docs	65 docs citations	65 times ranked	2937 citing authors

#	Article	IF	Citations
1	Environmental exposure of the general population to cadmium as a risk factor of the damage to the nervous system: A critical review of current data. Journal of Applied Toxicology, 2023, 43, 66-88.	2.8	25
2	The Association of Oxidative Stress in the Uvular Mucosa with Obstructive Sleep Apnea Syndrome: A Clinical Study. Journal of Clinical Medicine, 2021, 10, 1132.	2.4	6
3	Oxidative Stress and Its Consequences in the Blood of Rats Irradiated with UV: Protective Effect of Cannabidiol. Antioxidants, 2021, 10, 821.	5.1	15
4	Enhanced Zinc Intake Protects against Oxidative Stress and Its Consequences in the Brain: A Study in an In Vivo Rat Model of Cadmium Exposure. Nutrients, 2021, 13, 478.	4.1	21
5	The Beneficial Impact of the Black Chokeberry Extract against the Oxidative Stress in the Sublingual Salivary Gland of Rats Intoxicated with Cadmium. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	4.0	5
6	Review of the safety of application of cosmetic products containing parabens. Journal of Applied Toxicology, 2020, 40, 176-210.	2.8	89
7	The Impact of a Polyphenol-Rich Extract from the Berries of Aronia melanocarpa L. on Collagen Metabolism in the Liver: A Study in an In Vivo Model of Human Environmental Exposure to Cadmium. Nutrients, 2020, 12, 2766.	4.1	8
8	The Protective Effect of Rosmarinic Acid against Unfavorable Influence of Methylparaben and Propylparaben on Collagen in Human Skin Fibroblasts. Nutrients, 2020, 12, 1282.	4.1	17
9	Beneficial Impact of an Extract from the Berries of Aronia melanocarpa L. on the Oxidative-Reductive Status of the Submandibular Gland of Rats Exposed to Cadmium. Antioxidants, 2020, 9, 185.	5.1	10
10	Estimation of the Chelating Ability of an Extract from Aronia melanocarpa L. Berries and Its Main Polyphenolic Ingredients Towards Ions of Zinc and Copper. Molecules, 2020, 25, 1507.	3.8	11
11	Extract from Aronia melanocarpa L. Berries Protects Against Cadmium-induced Lipid Peroxidation and Oxidative Damage to Proteins and DNA in the Liver: A Study using a Rat Model of Environmental Human Exposure to this Xenobiotic. Nutrients, 2019, 11, 758.	4.1	25
12	Review of polyphenolâ€rich products as potential protective and therapeutic factors against cadmium hepatotoxicity. Journal of Applied Toxicology, 2019, 39, 117-145.	2.8	40
13	Extract from Aronia melanocarpa L. Berries Prevents Cadmium-Induced Oxidative Stress in the Liver: A Study in A Rat Model of Low-Level and Moderate Lifetime Human Exposure to this Toxic Metal. Nutrients, 2019, 11, 21.	4.1	31
14	Beneficial impact of zinc supplementation on the collagen in the bone tissue of cadmiumâ€exposed rats. Journal of Applied Toxicology, 2018, 38, 996-1007.	2.8	15
15	Metals in Cosmetics. , 2018, , 177-196.		8
16	RANKL/OPG system regulation by endogenous PTH and PTH1R/ATF4 axis in bone: Implications for bone accrual and strength in growing rats with mild uremia. Cytokine, 2018, 106, 19-28.	3.2	12
17	Environmental exposure to cadmiumâ€"a risk for health of the general population in industrialized countries and preventive strategies. Environmental Science and Pollution Research, 2018, 25, 3211-3232.	5.3	196
18	Complexation of Bioelements and Toxic Metals by Polyphenolic Compounds - Implications for Health. Current Drug Targets, 2018, 19, 1612-1638.	2.1	34

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19	Elevated Levels of Peripheral Kynurenine Decrease Bone Strength in Rats with Chronic Kidney Disease. Frontiers in Physiology, 2017, 8, 836.	2.8	34
20	Protective Effect of Chokeberry (Aronia melanocarpa L.) Extract against Cadmium Impact on the Biomechanical Properties of the Femur: A Study in a Rat Model of Low and Moderate Lifetime Women Exposure to This Heavy Metal. Nutrients, 2017, 9, 543.	4.1	13
21	Effect of an Extract from Aronia melanocarpa L. Berries on the Body Status of Zinc and Copper under Chronic Exposure to Cadmium: An In Vivo Experimental Study. Nutrients, 2017, 9, 1374.	4.1	28
22	A link between central kynurenine metabolism and bone strength in rats with chronic kidney disease. PeerJ, 2017, 5, e3199.	2.0	7
23	The Mechanism of the Osteoprotective Action of a Polyphenol-Rich Aronia melanocarpa Extract during Chronic Exposure to Cadmium is Mediated by the Oxidative Defense System. Planta Medica, 2016, 82, 621-631.	1.3	28
24	Chokeberries (Aronia melanocarpa) and Their Products as a Possible Means for the Prevention and Treatment of Noncommunicable Diseases and Unfavorable Health Effects Due to Exposure to Xenobiotics. Comprehensive Reviews in Food Science and Food Safety, 2016, 15, 982-1017.	11.7	82
25	The Association between Elevated Levels of Peripheral Serotonin and Its Metabolite â€“ 5-Hydroxyindoleacetic Acid and Bone Strength and Metabolism in Growing Rats with Mild Experimental Chronic Kidney Disease. PLoS ONE, 2016, 11, e0163526.	2.5	23
26	Antioxidants as a Potential Preventive and Therapeutic Strategy for Cadmium. Current Drug Targets, 2016, 17, 1350-1384.	2.1	46
27	Protective effect of Aronia melanocarpa polyphenols against cadmium-induced disorders in bone metabolism: A study in a rat model of lifetime human exposure to this heavy metal. Chemico-Biological Interactions, 2015, 229, 132-146.	4.0	46
28	Metals in cosmetics: implications for human health. Journal of Applied Toxicology, 2015, 35, 551-572.	2.8	223
29	Protective Effect of Aronia Melanocarpa Polyphenols on Cadmium Accumulation in the Body: A Study in a Rat Model of Human Exposure to this Metal. Current Drug Targets, 2015, 16, 1470-1487.	2.1	25
30	Ethanol consumption modifies the body turnover of cadmium: a study in a rat model of human exposure. Journal of Applied Toxicology, 2013, 33, 784-798.	2.8	24
31	The effect of exposure to chlorfenvinphos on lipid metabolism and apoptotic and necrotic cells death in the brain of rats. Experimental and Toxicologic Pathology, 2013, 65, 531-539.	2.1	13
32	Polyphenolic compounds from Aronia melanocarpa berries protect from cadmium accumulation in the liver and kidney of rats. Toxicology Letters, 2013, 221, S181.	0.8	2
33	Excessive ethanol consumption under exposure to lead intensifies disorders in bone metabolism: A study in a rat model. Chemico-Biological Interactions, 2013, 203, 486-501.	4.0	17
34	Protective effect of zinc supplementation against cadmium-induced oxidative stress and the RANK/RANKL/OPG system imbalance in the bone tissue of rats. Toxicology and Applied Pharmacology, 2013, 272, 208-220.	2.8	43
35	Effect of zinc supplementation on glutathione peroxidase activity and selenium concentration in the serum, liver and kidney of rats chronically exposed to cadmium. Journal of Trace Elements in Medicine and Biology, 2012, 26, 46-52.	3.0	43
36	Lowâ€level chronic exposure to cadmium enhances the risk of long bone fractures: a study on a female rat model of human lifetime exposure. Journal of Applied Toxicology, 2012, 32, 34-44.	2.8	26

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37	The involvement of oxidative stress in the mechanisms of damaging cadmium action in bone tissue: A study in a rat model of moderate and relatively high human exposure. Toxicology and Applied Pharmacology, 2011, 250, 327-335.	2.8	45
38	Zinc supplementation can protect from enhanced risk of femoral neck fracture in male rats chronically exposed to cadmium. Experimental and Toxicologic Pathology, 2011, 63, 491-498.	2.1	29
39	Protective effect of zinc against cadmium hepatotoxicity depends on this bioelement intake and level of cadmium exposure: A study in a rat model. Chemico-Biological Interactions, 2011, 193, 191-203.	4.0	59
40	Effects of low, moderate and relatively high chronic exposure to cadmium on long bones susceptibility to fractures in male rats. Environmental Toxicology and Pharmacology, 2010, 29, 235-245.	4.0	28
41	Enhanced zinc consumption prevents cadmium-induced alterations in lipid metabolism in male rats. Chemico-Biological Interactions, 2009, 177, 142-152.	4.0	94
42	Oxidative damage to proteins and DNA in rats exposed to cadmium and/or ethanol. Chemico-Biological Interactions, 2009, 180, 31-38.	4.0	71
43	Estimation of Polish cigarettes contamination with cadmium and lead, and exposure to these metals via smoking. Environmental Monitoring and Assessment, 2008, 137, 481-493.	2.7	113
44	Beneficial effect of zinc supplementation on biomechanical properties of femoral distal end and femoral diaphysis of male rats chronically exposed to cadmium. Chemico-Biological Interactions, 2008, 171, 312-324.	4.0	42
45	Effect of zinc supplementation on bone metabolism in male rats chronically exposed to cadmium. Toxicology, 2007, 237, 89-103.	4.2	67
46	Involvement of some low-molecular thiols in the peroxidative mechanisms of lead and ethanol action on rat liver and kidney. Toxicology, 2006, 219, 11-21.	4.2	38
47	Disorders in bone metabolism of female rats chronically exposed to cadmium. Toxicology and Applied Pharmacology, 2005, 202, 68-83.	2.8	92
48	Bone metabolism of male rats chronically exposed to cadmium. Toxicology and Applied Pharmacology, 2005, 207, 195-211.	2.8	92
49	Weakness in the mechanical properties of the femur of growing female rats exposed to cadmium. Archives of Toxicology, 2005, 79, 277-288.	4.2	18
50	Weakness in the mechanical properties of the femurs of growing female rats exposed to cadmium. Archives of Toxicology, 2005, 79, 519-30.	4.2	7
51	Effect of low-level lifetime exposure to cadmium on calciotropic hormones in aged female rats. Archives of Toxicology, 2005, 79, 636-646.	4.2	24
52	Effect of chronic exposure to cadmium on the mineral status and mechanical properties of lumbar spine of male rats. Toxicology Letters, 2005, 157, 161-172.	0.8	28
53	Low-Level Exposure to Cadmium during the Lifetime Increases the Risk of Osteoporosis and Fractures of the Lumbar Spine in the Elderly: Studies on a Rat Model of Human Environmental Exposure. Toxicological Sciences, 2004, 82, 468-477.	3.1	78
54	Changes in the structure and function of the kidney of rats chronically exposed to cadmium. II. Histoenzymatic studies. Archives of Toxicology, 2004, 78, 226-231.	4.2	26

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55	Effects of chronic exposure to cadmium on renal cytochrome P450-dependent monooxygenase system in rats. Archives of Toxicology, 2004, 78, 194-200.	4.2	20
56	Effect of cadmium on collagen content and solubility in rat bone.. Acta Biochimica Polonica, 2004, 51, 825-829.	0.5	29
57	Changes in the structure and function of the kidney of rats chronically exposed to cadmium. I. Biochemical and histopathological studies. Archives of Toxicology, 2003, 77, 344-352.	4.2	96
58	The influence of calcium content in diet on cumulation and toxicity of cadmium in the organism. Archives of Toxicology, 1997, 72, 63-73.	4.2	88
59	Determination of total magnesium in biological samples using electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1995, 50, 1717-1724.	2.9	8
60	Protective effect of polyphenols from Aronia melanocarpa berries against cadmium-induced weakening of the femur biomechanical properties in rats. Bone Abstracts, 0, , .	0.0	3
61	Effect of polyphenolic compounds from Aronia melanocarpa berries on cadmium accumulation in the bone tissue. Bone Abstracts, 0, , .	0.0	2