

# Malgorzata Michalina Brzaska

## List of Publications by Citations

**Source:**

<https://exaly.com/author-pdf/3843225/malgorzata-michalina-brzoska-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

58

papers

1,818

citations

25

h-index

41

g-index

65

ext. papers

2,094

ext. citations

4.9

avg, IF

5.4

L-index

#	Paper	IF	Citations
58	Metals in cosmetics: implications for human health. <i>Journal of Applied Toxicology</i> , <b>2015</b> , 35, 551-72	4.1	143
57	Environmental exposure to cadmium-a risk for health of the general population in industrialized countries and preventive strategies. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 3211-3232	5.1	124
56	Estimation of Polish cigarettes contamination with cadmium and lead, and exposure to these metals via smoking. <i>Environmental Monitoring and Assessment</i> , <b>2008</b> , 137, 481-93	3.1	96
55	Changes in the structure and function of the kidney of rats chronically exposed to cadmium. I. Biochemical and histopathological studies. <i>Archives of Toxicology</i> , <b>2003</b> , 77, 344-52	5.8	81
54	Bone metabolism of male rats chronically exposed to cadmium. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 207, 195-211	4.6	80
53	Enhanced zinc consumption prevents cadmium-induced alterations in lipid metabolism in male rats. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 177, 142-52	5	77
52	Disorders in bone metabolism of female rats chronically exposed to cadmium. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 202, 68-83	4.6	76
51	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. <i>Toxicological Sciences</i> , <b>2004</b> , 82, 468-77	4.4	70
50	The influence of calcium content in diet on cumulation and toxicity of cadmium in the organism. <i>Archives of Toxicology</i> , <b>1998</b> , 72, 63-73	5.8	67
49	Oxidative damage to proteins and DNA in rats exposed to cadmium and/or ethanol. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 180, 31-8	5	61
48	Chokeberries ( <i>Aronia melanocarpa</i> ) and Their Products as a Possible Means for the Prevention and Treatment of Noncommunicable Diseases and Unfavorable Health Effects Due to Exposure to Xenobiotics. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2016</b> , 15, 982-1017	16.4	57
47	Effect of zinc supplementation on bone metabolism in male rats chronically exposed to cadmium. <i>Toxicology</i> , <b>2007</b> , 237, 89-103	4.4	56
46	Protective effect of zinc against cadmium hepatotoxicity depends on this bioelement intake and level of cadmium exposure: a study in a rat model. <i>Chemico-Biological Interactions</i> , <b>2011</b> , 193, 191-203	5	47
45	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. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 250, 327-35	4.6	41
44	Beneficial effect of zinc supplementation on biomechanical properties of femoral distal end and femoral diaphysis of male rats chronically exposed to cadmium. <i>Chemico-Biological Interactions</i> , <b>2008</b> , 171, 312-24	5	39
43	Protective effect of <i>Aronia melanocarpa</i> polyphenols against cadmium-induced disorders in bone metabolism: a study in a rat model of lifetime human exposure to this heavy metal. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 229, 132-46	5	36
42	Review of the safety of application of cosmetic products containing parabens. <i>Journal of Applied Toxicology</i> , <b>2020</b> , 40, 176-210	4.1	36

41	Protective effect of zinc supplementation against cadmium-induced oxidative stress and the RANK/RANKL/OPG system imbalance in the bone tissue of rats. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 272, 208-20	4.6	33
40	Involvement of some low-molecular thiols in the peroxidative mechanisms of lead and ethanol action on rat liver and kidney. <i>Toxicology</i> , <b>2006</b> , 219, 11-21	4.4	33
39	Effect of zinc supplementation on glutathione peroxidase activity and selenium concentration in the serum, liver and kidney of rats chronically exposed to cadmium. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2012</b> , 26, 46-52	4.1	30
38	Antioxidants as a Potential Preventive and Therapeutic Strategy for Cadmium. <i>Current Drug Targets</i> , <b>2016</b> , 17, 1350-84	3	30
37	Effect of cadmium on collagen content and solubility in rat bone.. <i>Acta Biochimica Polonica</i> , <b>2004</b> , 51, 825-829	2	27
36	Review of polyphenol-rich products as potential protective and therapeutic factors against cadmium hepatotoxicity. <i>Journal of Applied Toxicology</i> , <b>2019</b> , 39, 117-145	4.1	27
35	Zinc supplementation can protect from enhanced risk of femoral neck fracture in male rats chronically exposed to cadmium. <i>Experimental and Toxicologic Pathology</i> , <b>2011</b> , 63, 491-8		26
34	Effects of low, moderate and relatively high chronic exposure to cadmium on long bones susceptibility to fractures in male rats. <i>Environmental Toxicology and Pharmacology</i> , <b>2010</b> , 29, 235-45	5.8	26
33	Effect of chronic exposure to cadmium on the mineral status and mechanical properties of lumbar spine of male rats. <i>Toxicology Letters</i> , <b>2005</b> , 157, 161-72	4.4	25
32	Complexation of Bioelements and Toxic Metals by Polyphenolic Compounds - Implications for Health. <i>Current Drug Targets</i> , <b>2018</b> , 19, 1612-1638	3	24
31	Changes in the structure and function of the kidney of rats chronically exposed to cadmium. II. Histoenzymatic studies. <i>Archives of Toxicology</i> , <b>2004</b> , 78, 226-31	5.8	22
30	Extract from 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. <i>Nutrients</i> , <b>2018</b> , 11,	6.7	22
29	Ethanol consumption modifies the body turnover of cadmium: a study in a rat model of human exposure. <i>Journal of Applied Toxicology</i> , <b>2013</b> , 33, 784-98	4.1	21
28	Elevated Levels of Peripheral Kynurenine Decrease Bone Strength in Rats with Chronic Kidney Disease. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 836	4.6	21
27	Low-level chronic exposure to cadmium enhances the risk of long bone fractures: a study on a female rat model of human lifetime exposure. <i>Journal of Applied Toxicology</i> , <b>2012</b> , 32, 34-44	4.1	20
26	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. <i>Planta Medica</i> , <b>2016</b> , 82, 621-31	3.1	20
25	Weakness in the mechanical properties of the femur of growing female rats exposed to cadmium. <i>Archives of Toxicology</i> , <b>2005</b> , 79, 277-88	5.8	17
24	The Association between Elevated Levels of Peripheral Serotonin and Its Metabolite - 5-Hydroxyindoleacetic Acid and Bone Strength and Metabolism in Growing Rats with Mild Experimental Chronic Kidney Disease. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163526	3.7	17

23	Protective Effect of Aronia Melanocarpa Polyphenols on Cadmium Accumulation in the Body: A Study in a Rat Model of Human Exposure to this Metal. <i>Current Drug Targets</i> , <b>2015</b> , 16, 1470-87	3	17
22	Extract from 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. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	16
21	Effect of low-level lifetime exposure to cadmium on calciotropic hormones in aged female rats. <i>Archives of Toxicology</i> , <b>2005</b> , 79, 636-46	5.8	16
20	Excessive ethanol consumption under exposure to lead intensifies disorders in bone metabolism: a study in a rat model. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 203, 486-501	5	15
19	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. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	14
18	Effects of chronic exposure to cadmium on renal cytochrome P450-dependent monooxygenase system in rats. <i>Archives of Toxicology</i> , <b>2004</b> , 78, 194-200	5.8	14
17	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. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	12
16	Beneficial impact of zinc supplementation on the collagen in the bone tissue of cadmium-exposed rats. <i>Journal of Applied Toxicology</i> , <b>2018</b> , 38, 996-1007	4.1	9
15	The effect of exposure to chlorfenvinphos on lipid metabolism and apoptotic and necrotic cells death in the brain of rats. <i>Experimental and Toxicologic Pathology</i> , <b>2013</b> , 65, 531-9		9
14	The Protective Effect of Rosmarinic Acid Against Unfavorable Influence of Methylparaben and Propylparaben on Collagen in Human Skin Fibroblasts. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	8
13	Estimation of the Chelating Ability of an Extract from L. Berries and Its Main Polyphenolic Ingredients Towards Ions of Zinc and Copper. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
12	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. <i>Cytokine</i> , <b>2018</b> , 106, 19-28	4	7
11	A link between central kynurenine metabolism and bone strength in rats with chronic kidney disease. <i>PeerJ</i> , <b>2017</b> , 5, e3199	3.1	6
10	Oxidative Stress and Its Consequences in the Blood of Rats Irradiated with UV: Protective Effect of Cannabidiol. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	6
9	Beneficial Impact of an Extract from the Berries of L. on the Oxidative-Reductive Status of the Submandibular Gland of Rats Exposed to Cadmium. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	5
8	Determination of total magnesium in biological samples using electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>1995</b> , 50, 1717-1724	3.1	5
7	Enhanced Zinc Intake Protects against Oxidative Stress and Its Consequences in the Brain: A Study in an In Vivo Rat Model of Cadmium Exposure. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	4
6	Metals in Cosmetics <b>2018</b> , 177-196		3

5	The Impact of a Polyphenol-Rich Extract from the Berries of L. on Collagen Metabolism in the Liver: A Study in an In Vivo Model of Human Environmental Exposure to Cadmium. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	3
4	Polyphenolic compounds from Aronia melanocarpa berries protect from cadmium accumulation in the liver and kidney of rats. <i>Toxicology Letters</i> , <b>2013</b> , 221, S181	4.4	2
3	Weakness in the mechanical properties of the femurs of growing female rats exposed to cadmium. <i>Archives of Toxicology</i> , <b>2005</b> , 79, 519-30	5.8	2
2	Protective effect of polyphenols from Aronia melanocarpa berries against cadmium-induced weakening of the femur biomechanical properties in rats. <i>Bone Abstracts</i> ,		2
1	The Beneficial Impact of the Black Chokeberry Extract against the Oxidative Stress in the Sublingual Salivary Gland of Rats Intoxicated with Cadmium.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 6622245	6.7	0