Joanna Maria Suliburska

List of Publications by Year
in descending order

94	2,103	331670 21	265206 42
papers	citations	h-index	g-index

96	96	96	3375
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zinc status is associated with inflammation, oxidative stress, lipid, and glucose metabolism. Journal of Physiological Sciences, 2018, 68, 19-31.	2.1	335
2	Green tea extract reduces blood pressure, inflammatory biomarkers, and oxidative stress and improves parameters associated with insulin resistance in obese, hypertensive patients. Nutrition Research, 2012, 32, 421-427.	2.9	262
3	Effects of Green Tea Supplementation on Elements, Total Antioxidants, Lipids, and Glucose Values in the Serum of Obese Patients. Biological Trace Element Research, 2012, 149, 315-322.	3.5	142
4	Association between the gut microbiota and mineral metabolism. Journal of the Science of Food and Agriculture, 2018, 98, 2449-2460.	3.5	110
5	Interactions of iron with manganese, zinc, chromium, and selenium as related to prophylaxis and treatment of iron deficiency. Journal of Trace Elements in Medicine and Biology, 2017, 41, 41-53.	3.0	87
6	Dietary Intake and Serum and Hair Concentrations of Minerals and their Relationship with Serum Lipids and Glucose Levels in Hypertensive and Obese Patients with Insulin Resistance. Biological Trace Element Research, 2011, 139, 137-150.	3.5	69
7	Evaluation of the content and bioaccessibility of iron, zinc, calcium and magnesium from groats, rice, leguminous grains and nuts. Journal of Food Science and Technology, 2014, 51, 589-594.	2.8	64
8	Multispecies Probiotic Supplementation Favorably Affects Vascular Function and Reduces Arterial Stiffness in Obese Postmenopausal Womenâ€”A 12-Week Placebo-Controlled and Randomized Clinical Study. Nutrients, 2018, 10, 1672.	4.1	64
9	Selected trace elements concentrations in pregnancy and their possible role â€” literature review. Ginekologia Polska, 2017, 88, 509-514.	0.7	53
10	Changes in mineral status are associated with improvements in insulin sensitivity in obese patients following l-arginine supplementation. European Journal of Nutrition, 2014, 53, 387-393.	3.9	37
11	The Effect of Multispecies Probiotic Supplementation on Iron Status in Rats. Biological Trace Element Research, 2019, 192, 234-243.	3.5	36
12	Effects of green tea supplementation on inflammation markers, antioxidant status and blood pressure in NaCl-induced hypertensive rat model. Food and Nutrition Research, 2017, 61, 1295525.	2.6	32
13	Concentrations of Mineral in Amniotic Fluid and Their Relations to Selected Maternal and Fetal Parameters. Biological Trace Element Research, 2016, 172, 37-45.	3.5	30
14	Nutritional and health factors affecting the bioavailability of calcium: a narrative review. Nutrition Reviews, 2021, 79, 1307-1320.	5.8	29
15	New insights into the antiangiogenic and proangiogenic properties of dietary polyphenols. Molecular Nutrition and Food Research, 2017, 61, 1600912.	3.3	28
16	A Comparison of Levels of Select Minerals in Scalp Hair Samples with Estimated Dietary Intakes of These Minerals in Women of Reproductive Age. Biological Trace Element Research, 2011, 144, 77-85.	3.5	27
17	The effect of multistrain probiotic supplementation in two doses on iron metabolism in obese postmenopausal women: a randomized trial. Food and Function, 2019, 10, 5228-5238.	4.6	27
18	The association of insulin resistance with serum osteoprotegerin in obese adolescents. Journal of Physiology and Biochemistry, 2013, 69, 847-853.	3.0	26

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19	Nutritional quality of fresh and stored legumes sprouts â€“ Effect of Lactobacillus plantarum 299v enrichment. Food Chemistry, 2019, 288, 325-332.	8.2	25
20	Trace Element and Mineral Levels in Serum, Hair, and Urine of Obese Women in Relation to Body Composition, Blood Pressure, Lipid Profile, and Insulin Resistance. Biomolecules, 2021, 11, 689.	4.0	25
21	Assessment of dietary intake and mineral status in pregnant women. Archives of Gynecology and Obstetrics, 2018, 297, 1433-1440.	1.7	23
22	The genetic basis of obesity complications. Acta Scientiarum Polonorum, Technologia Alimentaria, 2017, 16, 83-91.	0.3	23
23	Effect of hypotensive therapy combined with modified diet or zinc supplementation on biochemical parameters and mineral status in hypertensive patients. Journal of Trace Elements in Medicine and Biology, 2018, 47, 140-148.	3.0	21
24	The Relationship between Dietary, Serum and Hair Levels of Minerals (Fe, Zn, Cu) and Glucose Metabolism Indices in Obese Type 2 Diabetic Patients. Biological Trace Element Research, 2019, 189, 34-44.	3.5	20
25	The influence of hypotensive drugs on the taste sensitivity in patients with primary hypertension. Acta Poloniae Pharmaceutica, 2012, 69, 121-7.	0.1	20
26	Diuretics, Ca-Antagonists, and Angiotensin-Converting Enzyme Inhibitors Affect Zinc Status in Hypertensive Patients on Monotherapy: A Randomized Trial. Nutrients, 2018, 10, 1284.	4.1	18
27	The effect of osmotic dehydration conditions on the calcium content in plant matrice. Food Chemistry, 2021, 343, 128519.	8.2	17
28	Effect of probiotic supplementation on liver function and lipid status in rats. Acta Scientiarum Polonorum, Technologia Alimentaria, 2018, 17, 185-192.	0.3	17
29	Probiotics and Isoflavones as a Promising Therapeutic for Calcium Status and Bone Health: A Narrative Review. Foods, 2021, 10, 2685.	4.3	17
30	The role of intestinal microbiota in the pathogenesis of metabolic diseases. Acta Scientiarum Polonorum, Technologia Alimentaria, 2016, 15, 201-211.	0.3	16
31	The Effects of l-Arginine, Alone and Combined with Vitamin C, on Mineral Status in Relation to its Antidiabetic, Anti-Inflammatory, and Antioxidant Properties in Male Rats on a High-Fat Diet. Biological Trace Element Research, 2014, 157, 67-74.	3.5	15
32	Evaluation of Mineral Concentrations in Maternal Serum Before and After Birth and in Newborn Cord Blood Postpartumâ€”Preliminary Study. Biological Trace Element Research, 2018, 182, 217-223.	3.5	15
33	Influence of endurance and enduranceâ€“strength training on mineral status in women with abdominal obesity: a randomized trial. Medicine (United States), 2019, 98, e14909.	1.0	15
34	Evaluation of the content and the potential bioavailability of minerals from gluten-free products. Acta Scientiarum Polonorum, Technologia Alimentaria, 2013, 12, 75-9.	0.3	15
35	Herbal infusions as a source of calcium, magnesium, iron, zinc and copper in human nutrition. International Journal of Food Sciences and Nutrition, 2012, 63, 194-198.	2.8	14
36	Puerarinâ€”an isoflavone with beneficial effects on bone health. Frontiers in Bioscience, 2021, 26, 1653-1667.	2.1	14

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37	l -Arginine and vitamin C attenuate pro-atherogenic effects of high-fat diet on biomarkers of endothelial dysfunction in rats. Biomedicine and Pharmacotherapy, 2015, 76, 100-106.	5.6	13
38	Evaluation of Essential and Toxic Elements in Amniotic Fluid and Maternal Serum at Birth. Biological Trace Element Research, 2019, 189, 45-54.	3.5	13
39	Demethylation of methionine and keratin damage in human hair. Amino Acids, 2018, 50, 537-546.	2.7	11
40	Associations between the Level of Trace Elements and Minerals and Folate in Maternal Serum and Amniotic Fluid and Congenital Abnormalities. Nutrients, 2019, 11, 328.	4.1	11
41	Comparative Analysis of the Trace Element Content of the Leaves and Roots of Three Plantago Species. Biological Trace Element Research, 2016, 173, 225-230.	3.5	10
42	Relationship between pre-pregnancy body mass index and mineral concentrations in serum and amniotic fluid in pregnant women during labor. Journal of Trace Elements in Medicine and Biology, 2019, 52, 136-142.	3.0	10
43	Organotins in obesity and associated metabolic disturbances. Journal of Inorganic Biochemistry, 2019, 191, 49-59.	3.5	10
44	Delphinidin-3-O-glucoside inhibits angiogenesis via VEGFR2 downregulation and migration through actin disruption. Journal of Functional Foods, 2019, 54, 393-402.	3.4	10
45	Analysis of lifestyle of young adults in the rural and urban areas. Annals of Agricultural and Environmental Medicine, 2012, 19, 135-9.	1.0	10
46	Innovative Application of Chicken Eggshell Calcium to Improve the Functional Value of Gingerbread. International Journal of Environmental Research and Public Health, 2022, 19, 4195.	2.6	10
47	Effect of Mycophenolate Mofetil on Plasma Bioelements in Renal Transplant Recipients. Biological Trace Element Research, 2012, 145, 136-143.	3.5	9
48	Effects of gluten-free breads, with varying functional supplements, on the biochemical parameters and antioxidant status of rat serum. Food Chemistry, 2015, 182, 268-274.	8.2	9
49	Oxidative Stress in Women Treated with Atosiban for Impending Preterm Birth. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	4.0	9
50	Folic Acid Affects Iron Status in Female Rats with Deficiency of These Micronutrients. Biological Trace Element Research, 2020, 195, 551-558.	3.5	9
51	Hepcidin and Erythroferrone Correlate with Hepatic Iron Transporters in Rats Supplemented with Multispecies Probiotics. Molecules, 2020, 25, 1674.	3.8	9
52	The effect of Plantago major supplementation on leptin and VEGF-A serum levels, endothelial dysfunction and angiogenesis in obese women â€“ a randomised trial. Food and Function, 2021, 12, 1708-1718.	4.6	9
53	The influence of selected antihypertensive drugs on zinc, copper, and iron status in spontaneously hypertensive rats. European Journal of Pharmacology, 2014, 738, 326-331.	3.5	8
54	The Effects of Antihypertensive Drugs on Chromium Status, Glucose Metabolism, and Antioxidant and Inflammatory Indices in Spontaneously Hypertensive Rats. Biological Trace Element Research, 2014, 157, 60-66.	3.5	8

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55	A new procedure for the determination of 21 macro- and trace elements in human fetal urine using an inductively coupled plasma mass spectrometry with dynamic reaction cell (ICP-DRC-MS) equipped with a micro-flow nebulizer. Talanta, 2021, 222, 121672.	5.5	8
56	Evaluation of nutritional and biochemical parameters in spontaneously hypertensive rats following antihypertensive treatment. Acta Scientiarum Polonorum, Technologia Alimentaria, 2014, 13, 103-110.	0.3	8
57	WpÅ‚yw L-argininy i kwasu askorbinowego na zawartoÅ›Ä‡ tÅ‚uszczu trzewnego oraz stÄ™Å¼enia metaloproteinaz 2 i 9 u szczurÃ³w karmionych dietÄ… wysokotÅ‚uszczowÄ…. Endokrynologia Polska, 2015, 66, 526-532.	1.0	8
58	The Impact of Multispecies Probiotics on Calcium and Magnesium Status in Healthy Male Rats. Nutrients, 2021, 13, 3513.	4.1	8
59	The influence of short-term l-arginine supplementation on ratsâ€™ muscular and hepatic cells in ischemiaâ€“reperfusion syndrome. Journal of Physiology and Biochemistry, 2012, 68, 1-9.	3.0	7
60	The impact of iron content in a diet high in fat, fructose, and salt on metabolic state and mineral status of rats. Journal of Physiology and Biochemistry, 2014, 70, 27-32.	3.0	7
61	Calcium-Enriched Pumpkin Affects Serum Leptin Levels and Fat Content in a Rat Model of Postmenopausal Osteoporosis. Nutrients, 2021, 13, 2334.	4.1	7
62	Iron Excess Disturbs Metabolic Status and Relative Gonad Mass in Rats on High Fat, Fructose, and Salt Diets. Biological Trace Element Research, 2013, 151, 263-268.	3.5	6
63	Safeness of Diets Based on Gluten-Free Buckwheat Bread Enriched with Seeds and Nutsâ€”Effect on Oxidative and Biochemical Parameters in Rat Serum. Nutrients, 2020, 12, 41.	4.1	6
64	Effect of probiotic supplementation on liver function and lipid status in rats [pdf]. Acta Scientiarum Polonorum, Technologia Alimentaria, 2018, 17, 185-192.	0.3	6
65	An assessment of dietary intake and state of nutritional in hypertensive patients from rural and urban areas of Greater Poland. Annals of Agricultural and Environmental Medicine, 2012, 19, 339-43.	1.0	6
66	Mutations in Homocysteine Metabolism Genes Increase Keratin N-Homocysteinylation and Damage in Mice. International Journal of Genomics, 2018, 2018, 1-7.	1.6	5
67	Evaluation of folate concentration in amniotic fluid and maternal and umbilical cord blood during labor. Archives of Medical Science, 2019, 15, 1425-1432.	0.9	5
68	Effect of Iron and Folic Acid Supplementation on the Level of Essential and Toxic Elements in Young Women. International Journal of Environmental Research and Public Health, 2021, 18, 1360.	2.6	5
69	Short-Term Effects of Sibutramine on Mineral Status and Selected Biochemical Parameters in Obese Women. Biological Trace Element Research, 2012, 149, 163-170.	3.5	4
70	Iron and Folic Acid Supplementation Affects Mineral Status in Female Rats with a Deficiency of These Micronutrients. Biological Trace Element Research, 2021, 199, 3393-3401.	3.5	4
71	Influence of multistrain probiotic and iron supplementation on iron status in rats. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126849.	3.0	4
72	Cardiac rehabilitation may influence leptin and VEGF A crosstalk in patients after acute coronary syndrome. Scientific Reports, 2022, 12, .	3.3	4

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73	Influence of short-term L-arginine supplementation on carbohydrate balance in rats with ischemia-reperfusion syndrome. Pharmacological Reports, 2012, 64, 635-642.	3.3	3
74	A Comparative Study of the Bioavailability of Fe, Cu and Zn from Gluten-Free Breads Enriched with Natural and Synthetic Additives. Foods, 2020, 9, 1853.	4.3	3
75	Bioavailability and Digestibility of Nutrients from the Dried Oyster Culinary-Medicinal Mushroom, Pleurotus ostreatus (Agaricomycetes): In Vivo Experiments. International Journal of Medicinal Mushrooms, 2016, 18, 681-688.	1.5	3
76	The effects of a low-calorie diet or an isocaloric diet combined with metformin on sex hormones In obese women of child-bearing age. Acta Scientiarum Polonorum, Technologia Alimentaria, 2016, 15, 213-220.	0.3	3
77	Evaluation of mineral status in hypertensive patients undergoing pharmacotherapy. Roczniki Panstwowego Zakladu Higieny, 2015, 66, 61-7.	0.7	3
78	Effects of Calcium Lactate-Enriched Pumpkin on Calcium Status in Ovariectomized Rats. Foods, 2022, 11, 2084.	4.3	3
79	Role of Slc19a1 and Tfr2 in liver transport of iron and folate: A rat model of folate/iron deficiency followed by supplementation. Journal of Trace Elements in Medicine and Biology, 2020, 62, 126568.	3.0	2
80	Dietary supplements in therapy to support weight reduction in obese patients. Acta Scientiarum Polonorum, Technologia Alimentaria, 2022, 21, 67-80.	0.3	2
81	Association between the Concentrations of Essential and Toxic Elements in Mid-Trimester Amniotic Fluid and Fetal Chromosomal Abnormalities in Pregnant Polish Women. Diagnostics, 2022, 12, 979.	2.6	2
82	Obesity â€“ should we revise indications for treatment with metformin?. Przeglad Menopauzalny, 2014, 2, 115-121.	1.3	1
83	Comparison of the In Vitro Bioavailability of Selected Minerals from Gluten-Free Breads Enriched with Grains and Synthetic Organic and Non-Organic Compounds. Molecules, 2021, 26, 2085.	3.8	1
84	The effects of folate and iron deficiency followed by supplementation on blood morphology and inflammation biomarkers in rats. Acta Scientiarum Polonorum, Technologia Alimentaria, 2021, 20, 213-222.	0.3	1
85	The influence of selected hypotensive drugs on the bioavailability of minerals from buckwheat groats in vitro enzymatic digestion. Acta Scientiarum Polonorum, Technologia Alimentaria, 2011, 10, 507-13.	0.3	1
86	Oxidase activity of plasma ceruloplasmin in obstructive sleep apnea patients. Central-European Journal of Immunology, 2013, 4, 511-517.	1.2	0
87	Evaluation of diet and nutritional status in patients aged 45+ with diagnosed, pharmacologically treated arterial hypertension. Przeglad Menopauzalny, 2014, 2, 109-114.	1.3	0
88	Comparative Analysis on the Effect of Plantago Species Aqueous Extracts on Tissue Trace Element Content in Rats. Biological Trace Element Research, 2017, 179, 79-90.	3.5	0
89	Obese Subjects and Supplemental l-Arginine. , 2017, , 449-459.		0
90	Metabolic response to dietary supplementation with iron and folic acid in the rat. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0

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91	Antihypertensive drugs affect potential bioavailability of minerals from shelled pea. Journal of Elementology, 2012, , .	0.2	0
92	The influence of dietary patterns on arterial stiffness, lipid metabolism, and liver and renal function in the population of Greater Poland. Acta Scientiarum Polonorum, Technologia Alimentaria, 2020, 19, 301-318.	0.3	0
93	The calcium deficit diet does not affect body composition, glucose, and lipid status in ovariectomized rats. Acta Scientiarum Polonorum, Technologia Alimentaria, 2021, 20, 459-464.	0.3	0
94	The influence of selected cardiovascular and antidiabetic drugs on pepsin activity in vitro digestion. Acta Poloniae Pharmaceutica, 2012, 69, 1049-53.	0.1	0