

Zbigniew Krejpcio

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,229
citations

377584

21
h-index

425179

34
g-index

52
all docs

52
docs citations

52
times ranked

1739
citing authors

#	ARTICLE	IF	CITATIONS
1	The Potential of L-Arginine in Prevention and Treatment of Disturbed Carbohydrate and Lipid Metabolism—A Review. <i>Nutrients</i> , 2022, 14, 961.	1.7	28
2	Modulating effects of steviol and steviol glycosides on adipogenesis, lipogenesis, glucose uptake and insulin resistance in 3T3-L1 adipocyte model. <i>Journal of Functional Foods</i> , 2022, 94, 105141.	1.6	5
3	Effects of Bitter Melon and a Chromium Propionate Complex on Symptoms of Insulin Resistance and Type 2 Diabetes in Rat Models. <i>Biological Trace Element Research</i> , 2021, 199, 1013-1026.	1.9	9
4	Comparison of the In Vitro Bioavailability of Selected Minerals from Gluten-Free Breads Enriched with Grains and Synthetic Organic and Non-Organic Compounds. <i>Molecules</i> , 2021, 26, 2085.	1.7	1
5	Sambucus Nigra Extracts—Natural Antioxidants and Antimicrobial Compounds. <i>Molecules</i> , 2021, 26, 2910.	1.7	38
6	Steviol Glycosides Supplementation Affects Lipid Metabolism in High-Fat Fed STZ-Induced Diabetic Rats. <i>Nutrients</i> , 2021, 13, 112.	1.7	16
7	Chromium(III) Glycinate Complex Supplementation Improves the Blood Glucose Level and Attenuates the Tissue Copper to Zinc Ratio in Rats with Mild Hyperglycaemia. <i>Biological Trace Element Research</i> , 2020, 193, 185-194.	1.9	13
8	A Comparative Study of the Bioavailability of Fe, Cu and Zn from Gluten-Free Breads Enriched with Natural and Synthetic Additives. <i>Foods</i> , 2020, 9, 1853.	1.9	3
9	Effects of steviol on cytotoxicity, adipogenesis, ROS concentration and gene expression in 3T3-L1 Cell Line. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
10	The Relationship between Dietary, Serum and Hair Levels of Minerals (Fe, Zn, Cu) and Glucose Metabolism Indices in Obese Type 2 Diabetic Patients. <i>Biological Trace Element Research</i> , 2019, 189, 34-44.	1.9	20
11	The functional and health-promoting properties of Stevia rebaudiana Bertoni and its glycosides with special focus on the antidiabetic potential — A review. <i>Journal of Functional Foods</i> , 2019, 61, 103465.	1.6	38
12	Effects of chromium(III) supplementation on rodent models of insulin resistance and diabetes. , 2019, , 195-218.		0
13	Combined effect of diversified Fe(III) content in the diet and Cr(III) supplementation on the magnesium status in rats. <i>Journal of Elementology</i> , 2018, , .	0.0	1
14	The Effects of Supplementary Cr ³⁺ (Chromium(III) Propionate Complex) on the Mineral Status in Healthy Female Rats. <i>Biological Trace Element Research</i> , 2017, 180, 90-99.	1.9	16
15	Effect of Elderberry (<i>Sambucus nigra</i> L.) Extract Supplementation in STZ-Induced Diabetic Rats Fed with a High-Fat Diet. <i>International Journal of Molecular Sciences</i> , 2017, 18, 13.	1.8	34
16	The effect of different forms of food deprivation on calcium and magnesium concentrations in the serum, brain and femoral bone of female Wistar rats. <i>Journal of Elementology</i> , 2017, , .	0.0	0
17	The Effects of Supplementary Mulberry Leaf (<i>Morus alba</i>) Extracts on the Trace Element Status (Fe, Zn) <i>Journal of Biological Trace Element Research</i> , 2016, 174, 158-165.	1.9	38
18	The Effects of High Dietary Doses of Chromium(III) Complex with Propionic Acid on Nutritional and Selected Blood Indices in Healthy Female Rats. <i>Biological Trace Element Research</i> , 2016, 171, 192-200.	1.9	13

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19	An Assessment of the Consumption of Energy and Selected Minerals and Their Content in the Hair of Children Aged 1-4 Years. <i>Biological Trace Element Research</i> , 2016, 170, 255-263.	1.9	1
20	Stevia rebaudiana Bertoni: health promoting properties and therapeutic applications. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2016, 11, 3-8.	0.5	25
21	Iron bioavailability from cereal products enriched with <i>Pleurotus ostreatus</i> mushrooms in rats with induced anaemia. <i>Annals of Agricultural and Environmental Medicine</i> , 2016, 23, 310-314.	0.5	12
22	Assessment of the nutritional value daily food rations of children aged 1-4 years. <i>Roczniki Panstwowego Zakladu Higieny</i> , 2016, 67, 169-77.	0.5	3
23	Essential metals profile of the hair and nails of patients with laryngeal cancer. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 31, 67-73.	1.5	34
24	Evaluation of mineral status in hypertensive patients undergoing pharmacotherapy. <i>Roczniki Panstwowego Zakladu Higieny</i> , 2015, 66, 61-7.	0.5	3
25	Stevia rebaudiana Bertoni - chemical composition and functional properties [pdf]. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2015, 14, 145-152.	0.2	14
26	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. <i>Biological Trace Element Research</i> , 2014, 157, 67-74.	1.9	15
27	The Effects of Antihypertensive Drugs on Chromium Status, Glucose Metabolism, and Antioxidant and Inflammatory Indices in Spontaneously Hypertensive Rats. <i>Biological Trace Element Research</i> , 2014, 157, 60-66.	1.9	8
28	Supplementary Chromium(III) Propionate Complex Does Not Protect Against Insulin Resistance in High-Fat-Fed Rats. <i>Biological Trace Element Research</i> , 2014, 157, 147-155.	1.9	12
29	Mulberry leaf extract intake reduces hyperglycaemia in streptozotocin (STZ)-induced diabetic rats fed high-fat diet. <i>Journal of Functional Foods</i> , 2014, 8, 9-17.	1.6	98
30	Quantification of Total and Hexavalent Chromium in Lager Beers: Variability between Styles and Estimation of Daily Intake of Chromium from Beer. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9195-9200.	2.4	14
31	Evaluation of the content and bioaccessibility of iron, zinc, calcium and magnesium from groats, rice, leguminous grains and nuts. <i>Journal of Food Science and Technology</i> , 2014, 51, 589-594.	1.4	64
32	Evaluation of nutritional and biochemical parameters in spontaneously hypertensive rats following antihypertensive treatment. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2014, 13, 103-110.	0.2	8
33	Comparison of Tissue Metal Concentrations in Zucker Lean, Zucker Obese, and Zucker Diabetic Fatty Rats and the Effects of Chromium Supplementation on Tissue Metal Concentrations. <i>Biological Trace Element Research</i> , 2013, 151, 373-383.	1.9	26
34	Evaluation of the content and the potential bioavailability of minerals from gluten-free products. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2013, 12, 75-9.	0.2	15
35	Effects of Combined Dietary Chromium(III) Propionate Complex and Thiamine Supplementation on Insulin Sensitivity, Blood Biochemical Indices, and Mineral Levels in High-Fructose-Fed Rats. <i>Biological Trace Element Research</i> , 2012, 150, 350-359.	1.9	20
36	Effect of Mycophenolate Mofetil on Plasma Bioelements in Renal Transplant Recipients. <i>Biological Trace Element Research</i> , 2012, 145, 136-143.	1.9	9

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37	Dietary chromium(III) propionate complex supplementation affects tissue mineral levels in rats fed high-fructose diet. <i>Journal of Elementology</i> , 2012, , .	0.0	2
38	Evaluation of anti-diabetic potential of chromium(III) propionate complex in high-fat diet fed and STZ injected rats. <i>Food and Chemical Toxicology</i> , 2011, 49, 3217-3223.	1.8	53
39	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. <i>Biological Trace Element Research</i> , 2011, 139, 137-150.	1.9	69
40	The Effects of Chromium Complex and Level on Glucose Metabolism and Memory Acquisition in Rats Fed High-Fat Diet. <i>Biological Trace Element Research</i> , 2011, 143, 1018-1030.	1.9	31
41	Effects of Chromium Brewer's Yeast Supplementation on Body Mass, Blood Carbohydrates, and Lipids and Minerals in Type 2 Diabetic Patients. <i>Biological Trace Element Research</i> , 2011, 143, 726-737.	1.9	47
42	Evaluation of the Acute Oral Toxicity Class of Trinuclear Chromium(III) Glycinate Complex in Rat. <i>Biological Trace Element Research</i> , 2011, 143, 1564-1575.	1.9	13
43	Folic Acid and Protein Content in Maternal Diet and Postnatal High-Fat Feeding Affect the Tissue Levels of Iron, Zinc, and Copper in the Rat. <i>Biological Trace Element Research</i> , 2011, 144, 885-893.	1.9	9
44	Bioavailability of Iron from Cereal Products Enriched with Dried Shittake Mushrooms (<i>Lentinula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Food, 2010, 13, 1189-1194.	0.8	14
45	Genotoxicity assessment of chromium(III) propionate complex in the rat model using the comet assay. <i>Food and Chemical Toxicology</i> , 2010, 48, 89-92.	1.8	49
46	Evaluation of the acute oral toxicity class of trivalent chromium(III) propionate complex in rat. <i>Food and Chemical Toxicology</i> , 2010, 48, 859-864.	1.8	38
47	Chromium(III) propionate complex supplementation improves carbohydrate metabolism in insulin-resistance rat model. <i>Food and Chemical Toxicology</i> , 2010, 48, 2791-2796.	1.8	54
48	Evaluation of insulin binding and signaling activity of newly synthesized chromium(III) complexes in vitro. <i>Molecular Medicine Reports</i> , 2010, 3, 347-53.	1.1	21
49	Fetal iron status regulates maternal iron metabolism during pregnancy in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1063-R1070.	0.9	79
50	The effects of trivalent chromium(III) propionate complex supplementation on pregnancy outcome and maternal and foetal mineral status in rat. <i>Food and Chemical Toxicology</i> , 2009, 47, 2673-2678.	1.8	25
51	Chromium(III) Propionate and Dietary Fructans Supplementation Stimulate Erythrocyte Glucose Uptake and Beta-Oxidation in Lymphocytes of Rats. <i>Biological Trace Element Research</i> , 2006, 114, 237-248.	1.9	30
52	Effect of timing of iron supplementation on maternal and neonatal growth and iron status of iron-deficient pregnant rats. <i>Journal of Physiology</i> , 2004, 561, 195-203.	1.3	41