

Barbara Bobrowska-Korczak

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

507
citations

932766

10
h-index

713013

21
g-index

41
all docs

41
docs citations

41
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Zinc in Immune System and Anti-Cancer Defense Mechanisms. <i>Nutrients</i> , 2019, 11, 2273.	1.7	188
2	Copper and Resveratrol Attenuates Serum Catalase, Glutathione Peroxidase, and Element Values in Rats with DMBA-Induced Mammary Carcinogenesis. <i>Biological Trace Element Research</i> , 2013, 156, 271-278.	1.9	34
3	Potential Molecular Mechanisms of the Anti-cancer Activity of Vitamin D. <i>Anticancer Research</i> , 2019, 39, 3353-3363.	0.5	29
4	Development and validation of a rapid LC-MS/MS method for determination of methylated nucleosides and nucleobases in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121775.	1.2	23
5	Covid 19: Diet Composition and Health. <i>Nutrients</i> , 2021, 13, 2980.	1.7	21
6	The effect of dietary zinc - and polyphenols intake on DMBA-induced mammary tumorigenesis in rats. <i>Journal of Biomedical Science</i> , 2012, 19, 43.	2.6	19
7	Mammary cancer risk and serum lipid profile of rats supplemented with pomegranate seed oil and bitter melon extract. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 142, 33-45.	1.0	17
8	Evaluation of the Effect of <i>Epilobium angustifolium</i> Aqueous Extract on LNCaP Cell Proliferation in In Vitro and In Vivo Models. <i>Planta Medica</i> , 2017, 83, 1159-1168.	0.7	16
9	Effect of Zinc Supplementation on the Serum Metabolites Profile at the Early Stage of Breast Cancer in Rats. <i>Nutrients</i> , 2020, 12, 3457.	1.7	13
10	Impact of Fatty Acids on Obesity-Associated Diseases and Radical Weight Reduction. <i>Obesity Surgery</i> , 2022, 32, 428-440.	1.1	13
11	Determination of Pharmaceuticals, Heavy Metals, and Oxysterols in Fish Muscle. <i>Molecules</i> , 2021, 26, 1229.	1.7	12
12	A rapid and sensitive method for the quantitative analysis of ibuprofen and its metabolites in equine urine samples by gas chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 3881-3891.	1.3	11
13	Effect of Cu supplementation on genomic instability in chemically-induced mammary carcinogenesis in the rat. <i>Journal of Biomedical Science</i> , 2011, 18, 95.	2.6	9
14	Evaluation of 5-hydroxymethylfurfural content in market milk products. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 1135-1144.	1.1	9
15	Zinc Affects Cholesterol Oxidation Products and Fatty Acids Composition in Rats' Serum. <i>Nutrients</i> , 2021, 13, 1563.	1.7	8
16	Active Compounds in Fruits and Inflammation in the Body. <i>Nutrients</i> , 2022, 14, 2496.	1.7	8
17	Disorders of Mechanisms of Calcium Metabolism Control as Potential Risk Factors of Prostate Cancer. <i>Current Medicinal Chemistry</i> , 2017, 24, 4229-4244.	1.2	7
18	ICP-MS analysis of diet supplementation influence on the elemental content of rat prostate gland. <i>Monatshefte für Chemie</i> , 2019, 150, 1681-1690.	0.9	7

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19	Effect of dietary supplementation on the prognostic value of urinary and serum 8-isoprostaglandin F ₂ ± in chemically-induced mammary carcinogenesis in the rat. <i>Lipids in Health and Disease</i> , 2011, 10, 40.	1.2	6
20	Reduced levels of modified nucleosides in the urine of autistic children. Preliminary studies. <i>Analytical Biochemistry</i> , 2019, 571, 62-67.	1.1	6
21	LC-MS/MS Determination of Modified Nucleosides in The Urine of Parkinsonâ€™s Disease and Parkinsonian Syndromes Patients. <i>Molecules</i> , 2020, 25, 4959.	1.7	6
22	Oilsâ€™ Impact on Comprehensive Fatty Acid Analysis and Their Metabolites in Rats. <i>Nutrients</i> , 2020, 12, 1232.	1.7	6
23	Essential Elements and Isoflavonoids in the Prevention of Prostate Cancer. <i>Nutrients</i> , 2022, 14, 1225.	1.7	6
24	Quantification of unconjugated and total ibuprofen and its metabolites in equine urine samples by gas chromatographyâ€™tandem mass spectrometry: Application to the excretion study. <i>Microchemical Journal</i> , 2019, 150, 104129.	2.3	5
25	Effect of Genistein Supplementation on the Progression of Neoplasms and the Level of the Modified Nucleosides in Rats With Mammary Cancer. <i>In Vivo</i> , 2021, 35, 2059-2072.	0.6	4
26	Effect of zinc and copper supplementation on the prognostic value of urinary 5-methyl-2'-deoxycytidine in DMBA-induced carcinogenesis in rats. <i>Cancer Biomarkers</i> , 2013, 13, 403-410.	0.8	3
27	Pomegranate Seed Oil and Bitter Melon Extract Affect Fatty Acids Composition and Metabolism in Hepatic Tissue in Rats. <i>Molecules</i> , 2020, 25, 5232.	1.7	3
28	Title Changes in the Mineral Composition of Rat Femoral Bones Induced by Implantation of LNCaP Prostate Cancer Cells and Dietary Supplementation. <i>Nutrients</i> , 2021, 13, 100.	1.7	3
29	Effect of Copper and Selenium Supplementation on the Level of Elements in Ratsâ€™ Femurs under Neoplastic Conditions. <i>Nutrients</i> , 2022, 14, 1285.	1.7	3
30	Effect of zinc and polyphenols supplementation on antioxidative defense mechanisms and the frequency of microsatellite instability in chemically-induced mammary carcinogenesis in the rat. <i>Cancer Biomarkers</i> , 2015, 15, 133-142.	0.8	2
31	Determination of bromhexine and its metabolites in equine serum samples by liquid chromatography â€™ Tandem mass spectrometry: Applicability to the elimination study after single oral dose. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1151, 122197.	1.2	2
32	Changes in the Mineral Composition of Rat Tissues Induced by Breast Cancer and Dietary Supplementation. <i>In Vivo</i> , 2021, 35, 259-266.	0.6	2
33	Nanosized zinc, epigenetic changes and its relationship with DMBA induced breast cancer in rats. <i>Reviews in Analytical Chemistry</i> , 2020, 39, 200-208.	1.5	2
34	Laser Ablation ICP-MS Analysis of Chemically Different Regions of Rat Prostate Gland with Implanted Cancer Cells. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1474.	1.3	2
35	The importance of folic acid for the health of the human body. <i>Farmacja Polska</i> , 2020, 76, 79-87.	0.1	1
36	The Effect of Genistein Supplementation on Cholesterol Oxidation Products and Fatty Acid Profiles in Serums of Rats with Breast Cancer. <i>Foods</i> , 2022, 11, 605.	1.9	1

#	ARTICLE	IF	CITATIONS
37	Effect of dietary modifications on the cholesterol level and selected indicators of oxidative processes in rats with mammary cancer. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
38	The Influence of Supplementation with Zinc in Micro and Nano Forms on the Metabolism of Fatty Acids in Livers of Rats with Breast Cancer. <i>Nutrients</i> , 2021, 13, 3821.	1.7	0
39	The effect of selenium, zinc and copper on the excretion of urinary modified nucleobases in rats treated with prostate cancer cells. <i>Reviews in Analytical Chemistry</i> , 2020, 39, 106-115.	1.5	0
40	Alterations in Blood Plasma Metabolome of Patients with Lesniowski-Crohn's Disease Shortly after Surgical Treatment – Pilot Study. <i>Metabolites</i> , 2022, 12, 529.	1.3	0