Agnieszka BiaÅ‚ek

List of Publications by Year
in descending order

42 papers	492 citations	623188 14 h-index	794141 19 g-index
44 all docs	44 docs citations	44 times ranked	600 citing authors

#	Article	IF	Citations
1	Fatty acid profile of new promising unconventional plant oils for cosmetic use. International Journal of Cosmetic Science, 2016, 38, 382-388.	1.2	42
2	Partial replacement of rapeseed oil with fish oil, and dietary antioxidants supplementation affects concentrations of biohydrogenation products and conjugated fatty acids in rumen and selected lamb tissues. Animal Feed Science and Technology, 2018, 241, 63-74.	1.1	26
3	Influence of maternal diet enrichment with conjugated linoleic acids on lipoxygenase metabolites of polyunsaturated fatty acids in serum of their offspring with 7,12-dimethylbenz[a]anthracene induced mammary tumors. Prostaglandins and Other Lipid Mediators, 2015, 116-117, 10-18.	1.0	23
4	Oxidative Stability of Lipid Fraction of Cookies Enriched with Chokeberry Polyphenols Extract. Polish Journal of Food and Nutrition Sciences, 2016, 66, 77-84.	0.6	23
5	The Effect of Conjugated Linoleic Acids (CLA) Supplementation on the Activity of Enzymes Participating in the Formation of Arachidonic Acid in Liver Microsomes of Ratsâ€"Probable Mechanism of CLA Anticancer Activity. Nutrition and Cancer, 2015, 67, 145-155.	0.9	20
6	Mammary cancer risk and serum lipid profile of rats supplemented with pomegranate seed oil and bitter melon extract. Prostaglandins and Other Lipid Mediators, 2019, 142, 33-45.	1.0	17
7	Effect of conjugated linoleic acid mixture supplemented daily after carcinogen application on linoleic and arachidonic acid metabolites in rat serum and induced tumours. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 2230-2236.	1.8	16
8	Pomegranate seed oil influences the fatty acids profile and reduces the activity of desaturases in livers of Sprague-Dawley rats. Prostaglandins and Other Lipid Mediators, 2017, 131, 9-16.	1.0	16
9	Influence of diet enriched with conjugated linoleic acids on their distribution in tissues of rats with DMBA induced tumors. Lipids in Health and Disease, 2010, 9, 126.	1.2	15
10	Enrichment of maternal diet with conjugated linoleic acids influences desaturases activity and fatty acids profile in livers and hepatic microsomes of the offspring with 7,12-dimethylbenz[a]anthracene-induced mammary tumors. Acta Poloniae Pharmaceutica, 2014, 71, 747-61.	0.3	15
11	Impact of conjugated linoleic acid administered to rats prior and after carcinogenic agent on arachidonic and linoleic acid metabolites in serum and tumors. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 126, 1-8.	1.0	14
12	Conjugated Linoleic Acid Isomers Affect Profile of Lipid Compounds and Intensity of Their Oxidation in Heart of Rats with Chemically-Induced Mammary Tumorsâ€"Preliminary Study. Nutrients, 2019, 11, 2032.	1.7	14
13	The Quality Determination of Selected Commercial Online Purchased Edible Pomegranate Seed Oils With New Argentometric Liquid Chromatography Method. Journal of Dietary Supplements, 2021, 18, 351-371.	1.4	14
14	Influence of pomegranate seed oil and bitter melon aqueous extract on polyunsaturated fatty acids and their lipoxygenase metabolites concentration in serum of rats. Prostaglandins and Other Lipid Mediators, 2016, 126, 29-37.	1.0	13
15	Impact of Fatty Acids on Obesity-Associated Diseases and Radical Weight Reduction. Obesity Surgery, 2022, 32, 428-440.	1.1	13
16	Chemical Form of Dietary Selenium Affects the Fatty Acids Profile and Oxidative Stability of Muscles of Broilers Supplemented with Lycopene and Oils. European Journal of Lipid Science and Technology, 2020, 122, 1900132.	1.0	12
17	Maternal and Early Postnatal Diet Supplemented with Conjugated Linoleic Acid Isomers Affect Lipid Profile in Hearts of Offspring Rats with Mammary Tumors. Animals, 2020, 10, 464.	1.0	12
18	Punica granatum (Pomegranate) Seed Oil and Momordica charantia (Bitter Melon) Extract Affect the Lipid's Profile and Oxidative Stability of Femoral Muscles of Rats. European Journal of Lipid Science and Technology, 2019, 121, 1800420.	1.0	11

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19	Chemometric analysis of the interactions among different parameters describing health conditions, breast cancer risk and fatty acids profile in serum of rats supplemented with conjugated linoleic acids. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 106, 1-10.	1.0	10
20	The Effect of Diet Supplementation with Pomegranate and Bitter Melon on Lipidomic Profile of Serum and Cancerous Tissues of Rats with Mammary Tumours. Antioxidants, 2020, 9, 243.	2.2	10
21	Chemometric Analysis of Fatty Acids Profile of Ripening Chesses. Molecules, 2020, 25, 1814.	1.7	10
22	Conjugated linolenic acid (CLnA) isomers as new bioactive lipid compounds in ruminant-derived food products. A review. Journal of Animal and Feed Sciences, 0, , .	0.4	10
23	Fatty acid composition and oxidative characteristics of novel edible oils in Poland. CYTA - Journal of Food, 0, , 1-8.	0.9	9
24	The effect of pomegranate seed oil and grapeseed oil on cisâ€‹9, transâ€‹11 <scp>CLA</scp> (rumenic acid), nâ€3 and nâ€6 fatty acids deposition in selected tissues of chickens. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 962-976.	1.0	9
25	IL-6 Polymorphisms Are Not Related to Obesity Parameters in Physically Active Young Men. Genes, 2021, 12, 1498.	1.0	9
26	Heating of vegetable oils influences the activity of enzymes participating in arachidonic acid formation in Wistar rats. Nutrition Research, 2015, 35, 930-938.	1.3	8
27	Comparative Study of the Genetic and Biochemical Variability of Polyscias filicifolia (Araliaceae) Regenerants Obtained by Indirect and Direct Somatic Embryogenesis as a Source of Triterpenes. International Journal of Molecular Sciences, 2021, 22, 5752.	1.8	8
28	The type of dietary fat and dietary energy restriction affects the activity of the desaturases in the liver microsomes. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 128, 62-66.	1.0	7
29	Pomegranate seed oil and bitter melon extract supplemented in diet influence the lipid profile and intensity of peroxidation in livers of SPRD rats exposed to a chemical carcinogen. Prostaglandins and Other Lipid Mediators, 2021, 152, 106495.	1.0	6
30	Oxysterols and lipidomic profile of myocardium of rats supplemented with pomegranate seed oil and/or bitter melon aqueous extract â€“ Cardio-oncological animal model research. Chemistry and Physics of Lipids, 2021, 235, 105057.	1.5	6
31	Effect of dietary grape and pomegranate seed oil on the post-slaughter value and physicochemical properties of muscles of broiler chickens [pdf]. Acta Scientiarum Polonorum, Technologia Alimentaria, 2018, 17, 199-209.	0.2	6
32	Effect of dietary grape and pomegranate seed oil on the post-slaughter value and physicochemical properties of muscles of broiler chickens. Acta Scientiarum Polonorum, Technologia Alimentaria, 2018, 17, 199-209.	0.2	5
33	CONJUGATED LINOLEIC ACIDS (CLA) DECREASE THE BREAST CANCER RISK IN DMBA-TREATED RATS. Acta Poloniae Pharmaceutica, 2016, 73, 315-27.	0.3	5
34	Pomegranate Seed Oil and Bitter Melon Extract Affect Fatty Acids Composition and Metabolism in Hepatic Tissue in Rats. Molecules, 2020, 25, 5232.	1.7	3
35	Giblets and abdominal fat of pomegranate seed oil fed chickens as a source of bioactive fatty acids. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 520-534.	1.0	3
36	Lipidomic Profile and Enzymes Activity in Hepatic Microsomes of Rats in Physiological and Pathological Conditions. International Journal of Molecular Sciences, 2022, 23, 442.	1.8	3

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37	Diet supplemented with lycopene and selenized yeast change contents of fatty acids in the liver and femoral muscles of rabbits. Livestock Science, 2021, 250, 104598.	0.6	2
38	Cancer Influences the Elemental Composition of the Myocardium More Strongly than Conjugated Linoleic Acids-Chemometric Approach to Cardio-Oncological Studies. Molecules, 2021, 26, 7127.	1.7	2
39	Consumption of fish and seafood by pregnant Polish women and the supply of docosahexaenoic acid and eicosapentaenoic acid from these products. Family Medicine and Primary Care Review, 2017, 3, 191-195.	0.1	1
40	Evaluation of the influence of diet supplementation with conjugated linoleic acid isomers on elemental composition in the cardio-oncological nutritional programming ratâ€™ model. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126816.	1.5	1
41	Nutritional, Anthropometric and Sociodemographic Factors Affecting Fatty Acids Profile of Pregnant Women's Serum at Labour-Chemometric Studies. Nutrients, 2021, 13, .	1.7	0
42	Nutritional, Anthropometric and Sociodemographic Factors Affecting Fatty Acids Profile of Pregnant Womenâ€™s Serum at Labourâ€”Chemometric Studies. Nutrients, 2021, 13, 2948.	1.7	0