

Aronia Plants: A Review of Traditional Use, Biological Activity, and
Modern Medicine

Journal of Medicinal Food

13, 255-269

DOI: 10.1089/jmf.2009.0062

Citation Report

#	ARTICLE	IF	CITATIONS
1	Bioavailability of Cyanidin Glycosides from Natural Chokeberry (<i>Aronia melanocarpa</i>) Juice with Dietary-Relevant Dose of Anthocyanins in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 12130-12136.	2.4	50
2	Cytotoxic Plants: Potential Uses in Prevention and Treatment of Cancer. , 2011, , .		4
3	Antioxidative protection of dietary bilberry, chokeberry and <i>Lactobacillus plantarum</i> HEAL19 in mice subjected to intestinal oxidative stress by ischemia-reperfusion. <i>BMC Complementary and Alternative Medicine</i> , 2011, 11, 8.	3.7	55
4	An extract of chokeberry attenuates weight gain and modulates insulin, adipogenic and inflammatory signalling pathways in epididymal adipose tissue of rats fed a fructose-rich diet. <i>British Journal of Nutrition</i> , 2012, 108, 581-587.	1.2	111
6	Antioxidant Activities of Chokeberry Extracts and the Cytotoxic Action of Their Anthocyanin Fraction on HeLa Human Cervical Tumor Cells. <i>Journal of Medicinal Food</i> , 2012, 15, 700-706.	0.8	83
7	Short-term supplementation with <i>Aronia melanocarpa</i> extract improves platelet aggregation, clotting, and fibrinolysis in patients with metabolic syndrome. <i>European Journal of Nutrition</i> , 2012, 51, 549-556.	1.8	58
8	<i>Aronia melanocarpa</i> fruit extract exhibits anti-inflammatory activity in human aortic endothelial cells. <i>European Journal of Nutrition</i> , 2012, 51, 563-572.	1.8	70
9	Polyphenolic composition and content in the ripe berries of wild <i>Vitis</i> species. <i>Food Chemistry</i> , 2012, 132, 730-738.	4.2	56
10	The polyphenol-rich extracts from black chokeberry and grape seeds impair changes in the platelet adhesion and aggregation induced by a model of hyperhomocysteinemia. <i>European Journal of Nutrition</i> , 2013, 52, 1049-1057.	1.8	26
11	Multicultural Food Perspectives. <i>American Journal of Lifestyle Medicine</i> , 2013, 7, 13-19.	0.8	1
12	Characterization of <i>Aronia melanocarpa</i> Volatiles by Headspace-Solid-Phase Microextraction (HS-SPME), Simultaneous Distillation/Extraction (SDE), and Gas Chromatography-Olfactometry (GC-O) Methods. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4728-4736.	2.4	37
13	Anthocyanin-rich <i>Aronia melanocarpa</i> extract improves body temperature maintenance in healthy women with a cold constitution. <i>SpringerPlus</i> , 2013, 2, 626.	1.2	6
14	<i>Aronia melanocarpa</i> juice, a rich source of polyphenols, induces endothelium-dependent relaxations in porcine coronary arteries via the redox-sensitive activation of endothelial nitric oxide synthase. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 35, 54-64.	1.2	47
15	In Vitro Inhibition of Cytochrome P450 3A4 by <i>Aronia melanocarpa</i> Constituents. <i>Planta Medica</i> , 2013, 79, 137-141.	0.7	9
16	Effects of Black Currant Anthocyanins on Intraocular Pressure in Healthy Volunteers and Patients with Glaucoma. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013, 29, 61-67.	0.6	29
17	Protective effect of <i>aronia melanocarpa</i> fruit juice in a model of cisplatin-induced cytotoxicity in vitro. <i>Folia Medica</i> , 2013, 55, 76-79.	0.2	10
18	Effect of <i>Aronia Melanocarpa</i> Fruit Juice on Fearing and Memory in the Two-Way Active Avoidance Task in Rats. <i>Journal of Biomedical and Clinical Research</i> , 2013, 6, 18-23.	0.1	4
19	Effects of <i>Aronia melanocarpa</i> Constituents on Biofilm Formation of <i>Escherichia coli</i> and <i>Bacillus cereus</i> . <i>Molecules</i> , 2013, 18, 14989-14999.	1.7	23

#	ARTICLE	IF	CITATIONS
20	Extracts, Anthocyanins and Procyanidins from <i>Aronia melanocarpa</i> as Radical Scavengers and Enzyme Inhibitors. <i>Nutrients</i> , 2013, 5, 663-678.	1.7	139
21	Immunomodulating Activity of <i>Aronia melanocarpa</i> Polyphenols. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11626-11636.	1.8	32
22	<i>Aronia melanocarpa</i> Treatment and Antioxidant Status in Selected Tissues in Wistar Rats. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	12
23	Role of Black Chokeberries in Breast Cancer. , 2014, , 151-157.		0
24	Effect of <i>Aronia melanocarpa</i> fruit juice on amiodarone-induced pneumotoxicity in rats. <i>Pharmacognosy Magazine</i> , 2014, 10, 132.	0.3	15
25	Bagged <i>Aronia Melanocarpa</i> Tea: Phenolic Profile and Antioxidant Activity / <i>Aronia Melanocarpa</i> Filter \AA aj: Fenolni Profil I Antioksidativna Aktivnost. <i>Acta Facultatis Medicae Naissensis</i> , 2014, 31, 245-252.	0.1	2
26	Anti-inflammatory activity of aronia berry extracts in murine splenocytes. <i>Journal of Functional Foods</i> , 2014, 8, 68-75.	1.6	43
27	Production of biologically active phenolic acids in <i>Aronia melanocarpa</i> (Michx.) Elliott in vitro cultures cultivated on different variants of the Murashige and Skoog medium. <i>Plant Growth Regulation</i> , 2014, 72, 51-58.	1.8	55
28	Oral Hepatoprotective Ability Evaluation of Purple Sweet Potato Anthocyanins on Acute and Chronic Chemical Liver Injuries. <i>Cell Biochemistry and Biophysics</i> , 2014, 69, 539-548.	0.9	32
29	Kinetics of ultrasound assisted extraction of anthocyanins from <i>Aronia melanocarpa</i> (black) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tj S 2.7 118		
30	Anthocyanins, proanthocyanidins and total phenolics in four cultivars of aronia: Antioxidant and enzyme inhibitory effects. <i>Journal of Functional Foods</i> , 2014, 7, 746-752.	1.6	77
31	Black chokeberry juice (<i>Aronia melanocarpa</i>) reduces incidences of urinary tract infection among nursing home residents in the long term – a pilot study. <i>Nutrition Research</i> , 2014, 34, 518-525.	1.3	45
32	The Leaves of <i>Aronia melanocarpa</i> L. and <i>Hippophae rhamnoides</i> L. as Source of Active Ingredients for Biopharmaceutical Engineering. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 6, 593-600.	0.6	6
33	Anthocyanin-enriched Extracts from <i>Aronia</i> (<i>Aronia melanocarpa </i>E.) and <i>Haskap</i> (<i>Lonicera caerulea </i>L.) Suppressed KBrO₃-induced Renal Damage in Rats. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2015, 62, 235-241.	0.1	3
34	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> , 2015, 229, 132-146.	1.7	46
35	Quantification of Anthocyanins in Elderberry and Chokeberry Dietary Supplements. <i>Phytotherapy Research</i> , 2015, 29, 561-565.	2.8	32
36	Chokeberry (<i>Aronia melanocarpa</i> (Michx.) Elliot) concentrate inhibits NF- κ B and synergizes with selenium to inhibit the release of pro-inflammatory mediators in macrophages. <i>FÄ-toterapÄ-Äç</i> , 2015, 105, 73-82.	1.1	47
37	Quality Characteristics and Antioxidant Activity of Yogurt Supplemented with <i>Aronia</i> (<i>Aronia</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tj S 0.9 50		

#	ARTICLE	IF	CITATIONS
38	Effect of the Production of Dried Fruits and Juice from Chokeberry (<i>Aronia melanocarpa</i> L.) on the Content and Antioxidative Activity of Bioactive Compounds. <i>Molecules</i> , 2016, 21, 1098.	1.7	91
39	Effects of a Natural Extract of <i>Aronia melanocarpa</i> Berry on Endothelial Cell Nitric Oxide Production. <i>Journal of Food Biochemistry</i> , 2016, 40, 404-410.	1.2	11
40	Chokeberry (<i>Aronia melanocarpa</i> L.) extract loaded in alginate and alginate/inulin system. <i>Industrial Crops and Products</i> , 2016, 86, 120-131.	2.5	52
41	Improvement of blood glucose levels and obesity in mice given aronia juice by inhibition of dipeptidyl peptidase IV and α -glucosidase. <i>Journal of Nutritional Biochemistry</i> , 2016, 31, 106-112.	1.9	36
42	The Mechanism of the Osteoprotective Action of a Polyphenol-Rich <i>Aronia melanocarpa</i> Extract during Chronic Exposure to Cadmium is Mediated by the Oxidative Defense System. <i>Planta Medica</i> , 2016, 82, 621-631.	0.7	28
43	TG-DTA-FTIR analysis and isoconversional reaction profiles for thermal and thermo-oxidative degradation processes in black chokeberry (<i>Aroniamelanocarpa</i>). <i>Chemical Papers</i> , 2016, 70, .	1.0	4
44	Downstream valorization and comprehensive two-dimensional liquid chromatography-based chemical characterization of bioactives from black chokeberries (<i>Aronia melanocarpa</i>) pomace. <i>Journal of Chromatography A</i> , 2016, 1468, 126-135.	1.8	47
45	Native American foods: History, culture, and influence on modern diets. <i>Journal of Ethnic Foods</i> , 2016, 3, 171-177.	0.8	36
46	Action mechanism and cardiovascular effect of anthocyanins: a systematic review of animal and human studies. <i>Journal of Translational Medicine</i> , 2016, 14, 315.	1.8	168
47	Determination of Arbutin in Rat Plasma Using Liquid Chromatography–Tandem Mass Spectrometry: Application to a Pharmacokinetic Study After Oral Administration of the Extract of <i>Vaccinium vitis-idaea</i> . <i>Journal of Chromatographic Science</i> , 2016, 54, 1508-1513.	0.7	2
48	Reduction of anxiety-like and depression-like behaviors in rats after one month of drinking <i>Aronia melanocarpa</i> berry juice. <i>Food and Function</i> , 2016, 7, 3111-3120.	2.1	31
49	<i>Aronia melanocarpa</i> Concentrate Ameliorates Pro-Inflammatory Responses in HaCaT Keratinocytes and 12- <i>O</i> -Tetradecanoylphorbol-13-Acetate-Induced Ear Edema in Mice. <i>Journal of Medicinal Food</i> , 2016, 19, 654-662.	0.8	11
50	Optimization of microwave-assisted extraction of total polyphenolic compounds from chokeberries by response surface methodology and artificial neural network. <i>Separation and Purification Technology</i> , 2016, 160, 89-97.	3.9	121
51	Bioactive compounds in hyperhydric and normal micropropagated shoots of <i>Aronia melanocarpa</i> (Michx.) Elliott. <i>Industrial Crops and Products</i> , 2016, 83, 31-38.	2.5	20
52	Chokeberry attenuates the expression of genes related to de novo lipogenesis in the hepatocytes of mice with nonalcoholic fatty liver disease. <i>Nutrition Research</i> , 2016, 36, 57-64.	1.3	29
53	Optimization of polyphenols extraction from dried chokeberry using maceration as traditional technique. <i>Food Chemistry</i> , 2016, 194, 135-142.	4.2	256
54	Anthocyanins in chokeberry and purple maize attenuate diet-induced metabolic syndrome in rats. <i>Nutrition</i> , 2017, 41, 24-31.	1.1	49
55	Comparative analysis of different groups of phenolic compounds in fruit and leaf extracts of <i>Aronia</i> sp.: <i>A. melanocarpa</i> , <i>A. arbutifolia</i> , and <i>A. prunifolia</i> and their antioxidant activities. <i>European Food Research and Technology</i> , 2017, 243, 1645-1657.	1.6	55

#	ARTICLE	IF	CITATIONS
56	Influence of freezing, lyophilisation and air-drying on the total monomeric anthocyanins, vitamin C and antioxidant capacity of selected berries. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1246-1251.	1.3	20
57	Fractionation and isolation of polyphenols from <i>Aronia melanocarpa</i> by countercurrent and membrane chromatography. <i>European Food Research and Technology</i> , 2017, 243, 1261-1275.	1.6	6
58	Antioxidant capacity, phenolic composition and microbial stability of aronia juice subjected to high hydrostatic pressure processing. <i>Innovative Food Science and Emerging Technologies</i> , 2017, 39, 141-147.	2.7	46
59	Anthocyanins, total phenolics, ORAC and moisture content of wild and cultivated dark-fruited <i>Aronia</i> species. <i>Scientia Horticulturae</i> , 2017, 224, 332-342.	1.7	25
60	<i>Aronia</i> Berry Extract Ameliorates the Severity of Dextran Sodium Sulfate-Induced Ulcerative Colitis in Mice. <i>Journal of Medicinal Food</i> , 2017, 20, 667-675.	0.8	33
61	Anthocyanins from Black Chokeberry (<i>Aronia melanocarpa</i> Elliot) Delayed Aging-Related Degenerative Changes of Brain. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5973-5984.	2.4	58
62	Optimization of ultrasound-assisted aqueous two-phase system extraction of polyphenolic compounds from <i>Aronia melanocarpa</i> pomace by response surface methodology. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 312-321.	1.0	36
63	Health Status Improved by <i>Aronia Melanocarpa</i> Polyphenolic Extract. , 0, , .		0
64	Effect of UV-C Radiation, Ultra-Sonication Electromagnetic Field and Microwaves on Changes in Polyphenolic Compounds in Chokeberry (<i>Aronia melanocarpa</i>). <i>Molecules</i> , 2017, 22, 1161.	1.7	20
65	Protective Effect of Chokeberry (<i>Aronia melanocarpa</i> 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> , 2017, 9, 543.	1.7	13
66	<i>Aronia melanocarpa</i> (Black Chokeberry) Reduces Ethanol-Induced Gastric Damage via Regulation of HSP-70, NF- κ B, and MCP-1 Signaling. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1195.	1.8	34
67	Antidiabetic Effects of <i>Aronia melanocarpa</i> and Its Other Therapeutic Properties. <i>Frontiers in Nutrition</i> , 2017, 4, 53.	1.6	43
68	Fruits of Black Chokeberry <i>Aronia melanocarpa</i> in the Prevention of Chronic Diseases. <i>Molecules</i> , 2017, 22, 944.	1.7	138
69	Activity of Serbian <i>Aronia prunifolia</i> against <i>Prototheca wickerhamii</i> and <i>Prototheca zopfii</i> . <i>Acta Scientiae Veterinariae</i> , 2017, 45, 9.	0.2	1
70	High Pressure Processing Technique and Its Application for Shelf Life Extension of <i>Aronia Berry Purified</i> . , 2017, , .		0
71	Inorganic Macro- and Micronutrients in "Superberries" Black Chokeberries (<i>Aronia melanocarpa</i>) and Related Teas. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 539.	1.2	15
72	High production of bioactive depsides in shoot and callus cultures of <i>Aronia arbutifolia</i> and <i>Aronia prunifolia</i> . <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	1.0	14
73	The Effect of <i>Aronia Berry</i> on Type 1 Diabetes In Vivo and In Vitro. <i>Journal of Medicinal Food</i> , 2018, 21, 244-253.	0.8	37

#	ARTICLE	IF	CITATIONS
74	Dietary Supplements with Antiplatelet Activity: A Solution for Everyone?. <i>Advances in Nutrition</i> , 2018, 9, 51-57.	2.9	27
75	The importance of monochromatic lights in the production of phenolic acids and flavonoids in shoot cultures of <i>Aronia melanocarpa</i> , <i>Aronia arbutifolia</i> and <i>Aronia</i> — <i>Aprunifolia</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 179, 91-97.	1.7	40
76	The Applications of TDZ in Medicinal Plant Tissue Culture. , 2018, , 297-316.		14
77	Characterization of dried chokeberry fruit extract and its chronic effects on blood pressure and oxidative stress in spontaneously hypertensive rats. <i>Journal of Functional Foods</i> , 2018, 44, 330-339.	1.6	19
78	High pressure processing (HPP) of aronia berry puree: Pilot scale processing and a shelf-life study. <i>Innovative Food Science and Emerging Technologies</i> , 2018, 47, 241-248.	2.7	26
79	Usage, biological activity, and safety of selected botanical dietary supplements consumed in the United States. <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 267-277.	1.5	32
80	MICROBICIDAL POTENTIALITY OF PURIFIED ANTHOCYANIN FROM IN VITRO CULTURE OF CLERODENDRON INFORTUNATUM L. AGAINST SELECTED PATHOGENS. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 10, 68.	0.3	2
81	Antiobesity Effect of Fermented Chokeberry Extract in High-Fat Diet-Induced Obese Mice. <i>Journal of Medicinal Food</i> , 2018, 21, 1113-1119.	0.8	13
82	Chokeberry Extract and Its Active Polyphenols Suppress Adipogenesis in 3T3-L1 Adipocytes and Modulates Fat Accumulation and Insulin Resistance in Diet-Induced Obese Mice. <i>Nutrients</i> , 2018, 10, 1734.	1.7	35
83	Nutritional features of indigenous people of Siberia and North America: Are we relatives?. <i>Journal of Ethnic Foods</i> , 2018, 5, 155-160.	0.8	4
84	Triterpene Acid (3-O-p-Coumaroyltormentic Acid) Isolated From Aronia Extracts Inhibits Breast Cancer Stem Cell Formation through Downregulation of c-Myc Protein. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2528.	1.8	32
85	Catechol derived from aronia juice through lactic acid bacteria fermentation inhibits breast cancer stem cell formation via modulation Stat3/IL6 signaling pathway. <i>Molecular Carcinogenesis</i> , 2018, 57, 1467-1479.	1.3	41
86	Anticancer Plant Molecules for the Improvement of Immune System. , 2018, , 129-140.		1
87	Evaluation of anthocyanins in <i>Aronia melanocarpa</i> /BSA binding by spectroscopic studies. <i>AMB Express</i> , 2018, 8, 72.	1.4	13
88	Fermentation alters the bioaccessible phenolic compounds and increases the alpha-glucosidase inhibitory effects of aronia juice in a dairy matrix following <i>in vitro</i> digestion. <i>Food and Function</i> , 2018, 9, 2998-3007.	2.1	38
89	<i>Aronia</i> leaves at the end of harvest season — Promising source of phenolic compounds, macro- and microelements. <i>Scientia Horticulturae</i> , 2018, 239, 17-25.	1.7	13
90	Potential of Chokeberry (<i>Aronia Melanocarpa</i> L.) as a Therapeutic Food. , 2018, , 209-237.		3
91	Effect of the black chokeberry (<i>Aronia melanocarpa</i> (Michx.) Elliott) juice acquisition method on the content of polyphenols and antioxidant activity. <i>PLoS ONE</i> , 2019, 14, e0219585.	1.1	16

#	ARTICLE	IF	CITATIONS
92	Effect of Convective Drying Method of Chokeberry (<i>Aronia melanocarpa</i> L.) on Drying Kinetics, Bioactive Components and Sensory Characteristics of Bread with Chokeberry Powder. <i>Periodica Polytechnica: Chemical Engineering</i> , 2019, 63, 600-608.	0.5	8
93	Chokeberry polyphenols preservation using spray drying: effect of encapsulation using maltodextrin and skimmed milk on their recovery following <i>in vitro</i> digestion. <i>Journal of Microencapsulation</i> , 2019, 36, 693-703.	1.2	34
94	Phenolic Composition, Radical Scavenging Activity and an Approach for Authentication of <i>Aronia melanocarpa</i> Berries, Juice, and Pomace. <i>Journal of Food Science</i> , 2019, 84, 1791-1798.	1.5	32
95	The effect of <i>Aronia</i> consumption on lipid profile, blood pressure, and biomarkers of inflammation: A systematic review and meta-analysis of randomized controlled trials. <i>Phytotherapy Research</i> , 2019, 33, 1981-1990.	2.8	28
96	Dietary chokeberry and dried jujube fruit attenuates high-fat and high-fructose diet-induced dyslipidemia and insulin resistance via activation of the IRS-1/PI3K/Akt pathway in C57BL/6 mice. <i>Nutrition and Metabolism</i> , 2019, 16, 38.	1.3	27
97	Reduction of blood glucose and HbA1c levels by cyanidin 3,5-diglucoside in KKAY mice. <i>Journal of Functional Foods</i> , 2019, 58, 21-26.	1.6	13
98	Potential of encapsulated phytochemicals in hydrogel particles. , 2019, , 305-342.		1
99	Optimization of Cyanidin-3-O-galactoside Production from <i>Aronia melanocarpa</i> Elliot from Nonthermal Ultrasonic Extraction Process by Response Surface Methodology. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1203.	1.3	2
100	Influence of Ripening Stage and Cultivar on Physicochemical Properties and Antioxidant Compositions of <i>Aronia</i> Grown in South Korea. <i>Foods</i> , 2019, 8, 598.	1.9	18
101	The Protective Impact of Black Chokeberry Fruit Extract (<i>Aronia melanocarpa</i> L.) on the Oxidoreductive System of the Parotid Gland of Rats Exposed to Cadmium. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	6
102	Standardized <i>Aronia melanocarpa</i> Extract as Novel Supplement against Metabolic Syndrome: A Rat Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6.	1.8	40
103	Chemical and bioactivity screening of subcritical water extracts of chokeberry (<i>Aronia melanocarpa</i>) stems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 353-359.	1.4	10
104	Effects of plant extracts and essential oils on the behavior of <i>Acrobasis advenella</i> (Zinck.) caterpillars and females. <i>Journal of Plant Diseases and Protection</i> , 2020, 127, 63-71.	1.6	25
105	Antispasmodic effects of black chokeberry (<i>Aronia melanocarpa</i> (Michx.) Elliott) extracts and juice and their potential use in gastrointestinal disorders. <i>Journal of Berry Research</i> , 2020, 10, 175-192.	0.7	6
106	Inhibition of streptococcal biofilm formation by <i>Aronia</i> extracellular RNA degradation. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1806-1811.	1.7	4
107	Eco-Physiological Responses of Black Chokeberries as Affected by Applications of Oil Cake. <i>Sustainability</i> , 2020, 12, 7601.	1.6	1
108	The polyphenol-rich extract from chokeberry (<i>Aronia melanocarpa</i> L.) modulates gut microbiota and improves lipid metabolism in diet-induced obese rats. <i>Nutrition and Metabolism</i> , 2020, 17, 54.	1.3	47
109	Knowledge transmission patterns at the border: ethnobotany of Hutsuls living in the Carpathian Mountains of Bukovina (SW Ukraine and NE Romania). <i>Journal of Ethnobiology and Ethnomedicine</i> , 2020, 16, 41.	1.1	36

#	ARTICLE	IF	CITATIONS
110	A successful micropropagation protocol for three aronia (<i>Aronia melanocarpa</i>) cultivars. <i>Acta Horticulturae</i> , 2020, , 173-176.	0.1	2
111	Immunomodulatory activity and protective effects of chokeberry fruit extract on <i>Listeria monocytogenes</i> infection in mice. <i>Food and Function</i> , 2020, 11, 7793-7803.	2.1	5
112	Aronia juice supplementation inhibits lipid accumulation in both normal and obesity model mice. <i>PharmaNutrition</i> , 2020, 14, 100223.	0.8	2
113	Evaluation of Antioxidant and Anti-Inflammatory Activity of Anthocyanin-Rich Water-Soluble Aronia Dry Extracts. <i>Molecules</i> , 2020, 25, 4055.	1.7	37
114	Biological Evaluation of Black Chokeberry Extract Free and Embedded in Two Mesoporous Silica-Type Matrices. <i>Pharmaceutics</i> , 2020, 12, 838.	2.0	17
115	Comparison of the Effect of Acids in Solvent Mixtures for Extraction of Phenolic Compounds From <i>Aronia melanocarpa</i> . <i>Natural Product Communications</i> , 2020, 15, 1934578X2093467.	0.2	6
116	Caffeoylquinic acids from aronia juice inhibit both dipeptidyl peptidase IV and α -glucosidase activities. <i>LWT - Food Science and Technology</i> , 2020, 129, 109544.	2.5	19
117	The Effects of <i>Aronia melanocarpa</i> Extract on Testosterone-Induced Benign Prostatic Hyperplasia in Rats, and Quantitative Analysis of Major Constituents Depending on Extract Conditions. <i>Nutrients</i> , 2020, 12, 1575.	1.7	6
118	Assessment of Hepatoprotective Effect of Chokeberry Juice in Rats Treated Chronically with Carbon Tetrachloride. <i>Molecules</i> , 2020, 25, 1268.	1.7	11
119	The effect of feeding culture media with biogenetic precursors on high production of depsides in agitated shoot cultures of black and red aronias. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 142, 379-399.	1.2	8
120	Beneficial Impact of an Extract from the Berries of <i>Aronia melanocarpa</i> L. on the Oxidative-Reductive Status of the Submandibular Gland of Rats Exposed to Cadmium. <i>Antioxidants</i> , 2020, 9, 185.	2.2	10
121	Anti-inflammatory effect from extracts of Red Chinese cabbage and Aronia in LPS-stimulated RAW 264.7 cells. <i>Food Science and Nutrition</i> , 2020, 8, 1898-1903.	1.5	9
122	Phenolic Composition, Mineral Content, and Beneficial Bioactivities of Leaf Extracts from Black Currant (<i>Ribes nigrum</i> L.), Raspberry (<i>Rubus idaeus</i>), and Aronia (<i>Aronia melanocarpa</i>). <i>Nutrients</i> , 2020, 12, 463.	1.7	67
123	Structural changes in mulberry (<i>Morus Microphylla</i> . Buckl) and chokeberry (<i>Aronia melanocarpa</i>) anthocyanins during simulated in vitro human digestion. <i>Food Chemistry</i> , 2020, 318, 126449.	4.2	45
124	Beneficial effects of <i>Aronia melanocarpa</i> berry extract on hepatic insulin resistance in type 2 diabetes mellitus rats. <i>Journal of Food Science</i> , 2020, 85, 1307-1318.	1.5	24
125	Successful Cultivation and Utilization of <i>Aronia melanocarpa</i> (Michx.) Elliott (Black Chokeberry), a Species of North-American Origin, in Poland and the Biosynthetic Potential of Cells from In Vitro Cultures. <i>Sustainable Development and Biodiversity</i> , 2021, , 69-111.	1.4	4
126	Cyanidin 3-O-galactoside: A Natural Compound with Multiple Health Benefits. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2261.	1.8	39
127	Functional foods with dipeptidyl peptidase-4 inhibitory potential and management of type 2 diabetes: A review. <i>Food Frontiers</i> , 2021, 2, 153-162.	3.7	16

#	ARTICLE	IF	CITATIONS
129	In vitro propagation of <i>Aronia melanocarpa</i> (Michx.) Elliott. Acta Horticulturae, 2021, , 213-222.	0.1	3
130	Cardioprotective Effects of Cultivated Black Chokeberries (<i>Aronia</i> spp.): Traditional Uses, Phytochemistry and Therapeutic Effects. , 0, , .		1
131	Beneficial Flavonoid in Foods and Anti-obesity Effect. Food Reviews International, 2023, 39, 560-600.	4.3	7
132	<i>Aronia melanocarpa</i> Products and By-Products for Health and Nutrition: A Review. Antioxidants, 2021, 10, 1052.	2.2	51
133	Effects of antioxidant supplementation on oxidative stress balance in young footballers- a randomized double-blind trial. Journal of the International Society of Sports Nutrition, 2021, 18, 44.	1.7	14
134	Black Chokeberry (<i>Aronia melanocarpa</i>) Functional Beverages Increase HDL-Cholesterol Levels in Aging Rats. Foods, 2021, 10, 1641.	1.9	8
135	The Effect of the Addition of Chokeberry Fiber on the Quality of Sheep's Milk Fermented by <i>Lactobacillus rhamnosus</i> and <i>Lactobacillus acidophilus</i> . International Journal of Food Science, 2021, 2021, 1-9.	0.9	8
136	Standardized <i>Aronia melanocarpa</i> extract regulates redox status in patients receiving hemodialysis with anemia. Molecular and Cellular Biochemistry, 2021, 476, 4167-4175.	1.4	5
137	Black chokeberry (<i>Aronia melanocarpa</i>) extracts in terms of geroprotector criteria. Trends in Food Science and Technology, 2021, 114, 570-584.	7.8	23
138	Ultrasound-assisted pressurized liquid extraction of anthocyanins from <i>Aronia melanocarpa</i> pomace. Separation and Purification Technology, 2021, 276, 119290.	3.9	32
139	High Production of Depsides and Other Phenolic Acids in Different Types of Shoot Cultures of Three Aronias: <i>Aronia melanocarpa</i> , <i>Aronia arbutifolia</i> , <i>Aronia</i> — <i>Aprunifolia</i> . Reference Series in Phytochemistry, 2021, , 337-364.	0.2	2
140	The influence of yeast type and storage temperature on content of phenolic compounds, antioxidant activity, colour and sensory attributes of chokeberry wine. European Food Research and Technology, 2017, 243, 2199-2209.	1.6	12
141	Antibacterial and in vitro antidementia effects of aronia (<i>Aronia melanocarpa</i>) leaf extracts. Food Science and Biotechnology, 2020, 29, 1295-1300.	1.2	5
142	Physiological activities of <i>Aronia melanocarpa</i> extracts on extraction solvents. Korean Journal of Food Preservation, 2014, 21, 718-726.	0.2	11
143	Quality characteristics of <i>Aronia melanocarpa</i> by different drying method. Korean Journal of Food Preservation, 2015, 22, 56-62.	0.2	6
144	Biological activities in <i>Aronia melanocarpa</i> depending on drying methods. Korean Journal of Food Preservation, 2016, 23, 1018-1025.	0.2	2
145	The Use of a Hybrid Drying Method with Pre-Osmotic Treatment in Strawberry Bio-Snack Technology. International Journal of Food Engineering, 2020, 16, .	0.7	11
146	Antioxidative Activities of <i>Aronia melanocarpa</i> Fruit and Leaf Extracts. Journal of the Society of Cosmetic Scientists of Korea, 2013, 39, 337-345.	0.2	7

#	ARTICLE	IF	CITATIONS
147	Investigation of the Origin of <i>Aronia mitschurinii</i> using Amplified Fragment Length Polymorphism Analysis. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 520-524.	0.5	16
148	Protective Effect of <i>Aronia Melanocarpa</i> Polyphenols on Cadmium Accumulation in the Body: A Study in a Rat Model of Human Exposure to this Metal. <i>Current Drug Targets</i> , 2015, 16, 1470-1487.	1.0	25
149	Antioxidants as a Potential Preventive and Therapeutic Strategy for Cadmium. <i>Current Drug Targets</i> , 2016, 17, 1350-1384.	1.0	46
150	Antibacterial Activity of Crude <i>Aronia melanocarpa</i> (Black Chokeberry) Extracts against <i>Bacillus cereus</i> , <i>Staphylococcus aureus</i> , <i>Cronobacter sakazakii</i> , and <i>Salmonella Enteritidis</i> in Various Dairy Foods: Preliminary Study. <i>Journal of Milk Science and Biotechnology</i> , 2018, 36, 155-163.	0.3	6
151	The Effect of Amaranth Seeds, Sea Buckthorn Pomace and Black Chokeberry Pomace in Feed Mixtures for Broiler Chickens on Productive Performance, Carcass Characteristics and Selected Indicators of Meat Quality. <i>Annals of Animal Science</i> , 2018, 18, 501-523.	0.6	10
152	Effectiveness of aronia berries for reduction of mild fibrosis and gene expression analysis in livers from mice fed a high-fat diet with aronia berries. <i>Functional Foods in Health and Disease</i> , 2016, 6, 144.	0.3	8
153	Chokeberry juice supplementation in type 2 diabetic patients - impact on health status. <i>Journal of Applied Biomedicine</i> , 2019, 17, 218-224.	0.6	11
154	Anti-Inflammatory Effect of Hot Water Extract of <i>Aronia</i> Fruits in LPS-Stimulated RAW 264.7 Macrophages. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2015, 44, 7-13.	0.2	12
155	Physico-Chemical Analysis and Antioxidant Activities of Korea <i>Aronia melanocarpa</i> . <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2015, 44, 1165-1171.	0.2	12
156	Mycoflora of fresh chokeberry (<i>Aronia melanocarpa</i>) and ochratoxin-producing ability of <i>Penicillium</i> isolates. <i>Quality Assurance and Safety of Crops and Foods</i> , 2015, 7, 123-131.	1.8	5
157	Effects of <i>aronia melanocarpa</i> fruit juice on isolated rat hepatocytes. <i>Pharmacognosy Magazine</i> , 2015, 11, 592.	0.3	9
158	Cyanidine-3-O-Galactoside Enriched <i>Aronia melanocarpa</i> Extract Inhibits Adipogenesis and Lipogenesis via Down-Regulation of Adipogenic Transcription Factors and Their Target Genes in 3T3-L1 Cells. <i>Food and Nutrition Sciences (Print)</i> , 2019, 10, 128-147.	0.2	2
159	Polyphenolic extract association with renin inhibitors in experimental arterial hypertension. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 493-497.	0.2	5
160	Comparative analysis of antioxidant activity and phenolic compounds in the fruits of <i>Aronia</i> spp.. <i>Potravinarstvo</i> , 0, 14, 393-401.	0.5	7
161	Callus induction and biomass accumulation in vitro in explants from chokeberry (<i>Aronia melanocarpa</i>) Tj ETQq0 0 0,rgBT /Overlock 10 TF	1.8	2
162	Application of gum Arabic in the production of spray-dried chokeberry polyphenols, microparticles characterisation and in vitro digestion method. <i>Lekovite Sirovine</i> , 2018, , 9-16.	0.8	12
163	Effects of Long-Term Administration of Freeze-Dried Chokeberry Juice to Rats. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2014, 4, 154-161.	0.2	3
164	The Anti-aging Effects of Various Berries in the Human Skin Keratinocyte (HaCaT) Cells. <i>Korean Journal of Food Science and Technology</i> , 2014, 46, 198-204.	0.0	8

#	ARTICLE	IF	CITATIONS
165	Aronia melanocarpa polysaccharide ameliorates inflammation and aging in mice by modulating the AMPK/SIRT1/NF- κ B signaling pathway and gut microbiota. <i>Scientific Reports</i> , 2021, 11, 20558.	1.6	31
166	Bioactive Fraction of Aronia melanocarpa Fruit Inhibits Adipogenic Differentiation of Cultured 3T3-L1 Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9224.	1.3	4
167	High Pressure Processing (HPP) Improved the Safety and Quality of Aronia Berry Puree: Validated by a Commercially Applicable Shelf Life Study. <i>ACS Food Science & Technology</i> , 0, , .	1.3	0
168	Study of Tannin Reducing Effect of Aronia by Yeast Isolated from Jeotgal. <i>Korean Journal of Mycology</i> , 2015, 43, .	0.3	1
169	Nutritional Compositions and Physicochemical Properties of Two Domestic Aronia (<i>A. melanocarpa</i>) Varieties. <i>The Korean Journal of Food and Nutrition</i> , 2016, 29, 283-289.	0.3	3
170	Aronia Juice. , 2016, , 143-158.		0
171	Preliminary safety estimate of cosmetic anti-age creams with chokeberry extract, using in vivo bioengineering techniques. <i>Lekovite Sirovine</i> , 2017, , 41-44.	0.8	4
172	Effect of pectinase treatment on extraction yield and physicochemical properties of Aronia juice. <i>Korean Journal of Food Preservation</i> , 2017, 24, 68-73.	0.2	3
173	Synergistic Inhibition of Aronia melanocarpa and Moringa oleifera Seed Extract on Experimental Atopic Dermatitis. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2017, 46, 298-305.	0.2	0
174	Comparison of Chemical Properties in Baikkimchi and Aronia (<i>Aronia melanocarpa</i>) :Added Baikkimchi according to Their Fermentation Periods. <i>Korean Journal of Food and Cookery Science</i> , 2017, 33, 395-403.	0.2	1
175	Physicochemical Properties and Antioxidant Activities of Black Raspberry, Black Chokeberry, Mulberry, and Blueberry during Lactic Acid Fermentation. <i>Korean Journal of Food and Cookery Science</i> , 2017, 33, 479-487.	0.2	1
176	Quality Characteristics of Noodles Added with Aronia Powder. <i>Korean Journal of Food and Cookery Science</i> , 2018, 34, 68-77.	0.2	3
178	WÅ,aÅciwoÅci prozdrowotne wybranych owocÅ³w krajowych. <i>Cosmos: Problems of Biological Sciences</i> , 2018, 67, 415-423.	0.0	1
179	Effects of Different Ripening Stage and Varieties on Quality Characteristics and Antioxidant Activity of Aronia (<i>Aronia Melaocarpa</i>). <i>Food Engineering Progress</i> , 2018, 22, 374-380.	0.0	1
180	High Production of Depsides and Other Phenolic Acids in Different Types of Shoot Cultures of Three Aronias: Aronia Melanocarpa, Aronia Arbutifolia, AroniaÅ—ÅPrunifolia. <i>Reference Series in Phytochemistry</i> , 2019, , 1-29.	0.2	1
181	Sensory Attributes of Market Milk, Yogurt, and Kefir Supplemented with Various Concentrations of Aronia melanocarpa (black chokeberry) Powder: A Preliminary Study. <i>Journal of Milk Science and Biotechnology</i> , 2019, 37, 108-114.	0.3	1
182	ì,,ë;œë^ì,,ì ì€ìž¥ì~ë,,ê°€ ìfë ìí™œì,,±ë-ì/4ì\$^ ë°•ì;°í™”ì-ë~ì~ë\$” ìí-¥. <i>Korean Journal of Food Preservation</i> , 2010,26, 455-465.		
183	A review ethnopharmacology of Rosaceae fruit species. <i>Research, Society and Development</i> , 2020, 9, e3409108596.	0.0	0

#	ARTICLE	IF	CITATIONS
184	Geroprotective effects of <i>Ä</i> –Sorbaronia mitschurinii fruit extract on <i>Drosophila melanogaster</i> . <i>Journal of Berry Research</i> , 2022, 12, 73-92.	0.7	4
185	Antioxidant Activity of Fermented Aronia Residues with Lactic Acid Bacteria and Yeast. <i>Journal of Biotechnology and Bioindustry</i> , 2020, 8, 30-37.	0.1	0
186	Aronia melanocarpa Leaves as a Source of Chlorogenic Acids, Anthocyanins, and Sorbitol, and Their Anti-Inflammatory Activity. <i>Polish Journal of Food and Nutrition Sciences</i> , 0, , .	0.6	1
187	The Effects of Aronia Extract on Body Weight and Body Fat: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Journal of Korean Medicine Rehabilitation</i> , 2020, 30, 105-113.	0.2	0
188	Potential role of polyphenolic standardized chokeberry extract (<i>Aronia melanocarpa</i>) on COVID-19 infection caused by SARS-COV-2 virus and its cardiometabolic complications. <i>PONS - Medicinski Casopis</i> , 2021, 18, 29-40.	0.0	0
189	Chokeberry Pomace as a Component Shaping the Content of Bioactive Compounds and Nutritional, Health-Promoting (Anti-Diabetic and Antioxidant) and Sensory Properties of Shortcrust Pastries Sweetened with Sucrose and Erythritol. <i>Antioxidants</i> , 2022, 11, 190.	2.2	5
190	Comparison of different extraction methods on yield, purity, antioxidant, and antibacterial activities of proanthocyanidins from chokeberry (<i>Aronia melanocarpa</i>). <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 2049-2059.	1.6	5
192	De novo assembly of a fruit transcriptome set identifies AmMYB10 as a key regulator of anthocyanin biosynthesis in <i>Aronia melanocarpa</i> . <i>BMC Plant Biology</i> , 2022, 22, 143.	1.6	3
193	Novel Insights on Plant Extracts to Prevent and Treat Recurrent Urinary Tract Infections. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2635.	1.3	7
194	<i>Aronia melanocarpa</i> (Michx.) Elliott. attenuates dextran sulfate sodium-induced Inflammatory Bowel Disease via regulation of inflammation-related signaling pathways and modulation of the gut microbiota. <i>Journal of Ethnopharmacology</i> , 2022, 292, 115190.	2.0	5
195	Bush Berries. , 2022, , 21-35.		0
196	Characteristics of effervescent tablets of <i>Aronia melanocarpa</i> : response surface design and antioxidant activity evaluation. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 2969-2977.	1.6	5
197	Inhibition of Human Respiratory Influenza A Virus and Human Betacoronavirus-1 by the Blend of Double-Standardized Extracts of <i>Aronia melanocarpa</i> (Michx.) Elliot and <i>Sambucus nigra</i> L.. <i>Pharmaceuticals</i> , 2022, 15, 619.	1.7	3
198	Antimicrobial, antioxidant, and pH-sensitive polyvinyl alcohol/chitosan-based composite films with aronia extract, cellulose nanocrystals, and grapefruit seed extract. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 381-393.	3.6	27
199	Comparative Phytochemical Analysis of <i>Aronia melanocarpa</i> L. Fruit Juices on Bulgarian Market. <i>Plants</i> , 2022, 11, 1655.	1.6	7
200	Effects of <i>Aronia melanocarpa</i> on Cardiometabolic Diseases: A Systematic Review of Quasi-Design Studies and Randomized Controlled Trials. <i>Review of Diabetic Studies</i> , 2022, 18, 76-92.	0.5	7
201	Aronia Extracts in the Production of Confectionery Masses. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7664.	1.3	2
202	Effect of Aronia Extract on Collagen Synthesis in Human Skin Cell and Dermal Equivalent. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	1.9	1

#	ARTICLE	IF	CITATIONS
203	Quality Characteristics, Anthocyanin Stability and Antioxidant Activity of Apple (<i>Malus domestica</i>) and Black Chokeberry (<i>Aronia melanocarpa</i>) Juice Blends. <i>Plants</i> , 2022, 11, 2027.	1.6	2
204	Quality Changes in Black Chokeberry Juice Treated by Thermal-Assisted High Hydrostatic Pressure during Cold Storage. <i>Molecules</i> , 2022, 27, 5892.	1.7	0
205	Optimization of Primary Metabolites and Antimicrobial Activity in Aronia Berries as Affected by Soil Cultivation Systems. <i>Erwerbs-Obstbau</i> , 2022, 64, 581-589.	0.5	1
206	<i>Aronia melanocarpa</i> polysaccharide ameliorates liver fibrosis through TGF- β 1-mediated the activation of PI3K/AKT pathway and modulating gut microbiota. <i>Journal of Pharmacological Sciences</i> , 2022, , .	1.1	5
207	Natural deep eutectic solvents combined with cyclodextrins: A novel strategy for chokeberry anthocyanins extraction. <i>Food Chemistry</i> , 2023, 405, 134816.	4.2	16
208	Potential Benefits of Black Chokeberry (<i>Aronia melanocarpa</i>) Fruits and Their Constituents in Improving Human Health. <i>Molecules</i> , 2022, 27, 7823.	1.7	20
209	Anti-inflammatory, anti-lipogenesis, and anti-obesity benefits of fermented Aronia vinegar evaluated in 3T3-L1 cells and high-fat diet induced C57BL/6 mice. <i>Food Biotechnology</i> , 2022, 36, 328-350.	0.6	0
210	Extract of Wheatgrass and Aronia Mixture Ameliorates Atopic Dermatitis-Related Symptoms by Suppressing Inflammatory Response and Oxidative Stress In Vitro and In Vivo. <i>Antioxidants</i> , 2023, 12, 27.	2.2	1
211	A Case Study for the Extraction, Purification, and Co-Pigmentation of Anthocyanins from Aronia melanocarpa Juice Pomace. <i>Foods</i> , 2022, 11, 3875.	1.9	2
212	Market potential and value-added opportunities of cold-hardy berries and small fruits in the Intermountain West, USA. <i>Journal of Food Science</i> , 0, , .	1.5	1
213	The contribution of different polyphenol compositions from chokeberry produced in China to cellular antioxidant and antiproliferative activities. <i>Food Science and Human Wellness</i> , 2023, 12, 1590-1600.	2.2	8
214	Formulation of a Wort-Based Beverage with the Addition of Chokeberry (<i>Aronia melanocarpa</i>) Juice and Mint Essential Oil. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 2334.	1.3	2
215	Cultivation and Processing of Modern Superfood—Aronia melanocarpa (Black Chokeberry) in Slovak Republic. <i>Agriculture (Switzerland)</i> , 2023, 13, 604.	1.4	2
216	Evaluation of Pelleting Mealworm (<i>Tenebrio Molitor</i>) Powder with Chokeberry By-product Meal To improve Duck Production and Meat Quality Traits. <i>Brazilian Journal of Poultry Science</i> , 2023, 25, .	0.3	0
217	Reducing the risk of spoilage caused by <i>Bacillus cereus</i> in cow's and goat's milk yogurt with berries puree. <i>Journal of Engineering Science</i> , 2023, 30, 140-153.	0.2	0
227	Sensory Property and Phenolic Profile of Aronia Juice. <i>Reference Series in Phytochemistry</i> , 2023, , 1-37.	0.2	0
231	Classification of Phytochemicals in Plants with Herbal Value. <i>Reference Series in Phytochemistry</i> , 2023, , 1-39.	0.2	0
233	Classification of Phytochemicals in Plants with Herbal Value. <i>Reference Series in Phytochemistry</i> , 2024, , 1-39.	0.2	0

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------