

# Jurga Bernatoniene

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

2,897  
citations

201674

27  
h-index

189892

50  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavonoids as Anticancer Agents. <i>Nutrients</i> , 2020, 12, 457.	4.1	605
2	The Role of Catechins in Cellular Responses to Oxidative Stress. <i>Molecules</i> , 2018, 23, 965.	3.8	358
3	Multiplicity of effects and health benefits of resveratrol. <i>Medicina (Lithuania)</i> , 2016, 52, 148-155.	2.0	157
4	Why determinants of green purchase cannot be treated equally? The case of green cosmetics: Literature review. <i>Journal of Cleaner Production</i> , 2017, 162, 109-120.	9.3	154
5	Selenium Anticancer Properties and Impact on Cellular Redox Status. <i>Antioxidants</i> , 2020, 9, 80.	5.1	107
6	Environmentally friendly behaviour and green purchase in Austria and Lithuania. <i>Journal of Cleaner Production</i> , 2017, 142, 3789-3797.	9.3	82
7	Naringin and Naringenin: Their Mechanisms of Action and the Potential Anticancer Activities. <i>Biomedicines</i> , 2022, 10, 1686.	3.2	59
8	Novel approaches to optimize extraction processes of ursolic, oleanolic and rosmarinic acids from <i>Rosmarinus officinalis</i> leaves. <i>Industrial Crops and Products</i> , 2016, 84, 72-79.	5.2	52
9	Antioxidant Effects of <i>Schisandra chinensis</i> Fruits and Their Active Constituents. <i>Antioxidants</i> , 2021, 10, 620.	5.1	50
10	Chemical composition and anticancer activity of <i>Elsholtzia ciliata</i> essential oils and extracts prepared by different methods. <i>Industrial Crops and Products</i> , 2017, 107, 90-96.	5.2	48
11	Improvement of the antimicrobial activity of lactic acid bacteria in combination with berries/fruits and dairy industry byâ€products. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3992-4002.	3.5	46
12	Optimization of carvacrol, rosmarinic, oleanolic and ursolic acid extraction from oregano herbs ( <i>Origanum onites</i> L., <i>Origanum vulgare</i> spp. <i>hirtum</i> and <i>Origanum vulgare</i> ) Tj ETQq0 0 18gBT /Overlock 107	1.9	41
13	The Influence of Different Oregano Species on the Antioxidant Activity Determined Using HPLC Postcolumn DPPH Method and Anticancer Activity of Carvacrol and Rosmarinic Acid. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	41
14	An Overview of NO Signaling Pathways in Aging. <i>Molecules</i> , 2021, 26, 4533.	3.8	41
15	The Essential Oil and Hydrolats from <i>Myristica fragrans</i> Seeds with Magnesium Aluminometasilicate as Excipient: Antioxidant, Antibacterial, and Anti-inflammatory Activity. <i>Foods</i> , 2020, 9, 37.	4.3	40
16	Molecular Mechanisms of Melatonin-Mediated Cell Protection and Signaling in Health and Disease. <i>Pharmaceutics</i> , 2021, 13, 129.	4.5	40
17	Emerging cellular and molecular mechanisms underlying anticancer indications of chrysin. <i>Cancer Cell International</i> , 2021, 21, 214.	4.1	40
18	Freeze-Drying Technique for Microencapsulation of <i>Elsholtzia ciliata</i> Ethanolic Extract Using Different Coating Materials. <i>Molecules</i> , 2020, 25, 2237.	3.8	38

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19	Knowledge, Attitudes, and Usage of Apitherapy for Disease Prevention and Treatment among Undergraduate Pharmacy Students in Lithuania. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	1.2	35
20	Drivers of greenhouse gas emissions in the Baltic states: decomposition analysis related to the implementation of Europe 2020 strategy. Renewable and Sustainable Energy Reviews, 2016, 54, 309-317.	16.4	35
21	GC-MS Analysis of the Composition of the Extracts and Essential Oil from Myristica fragrans Seeds Using Magnesium Aluminometasilicate as Excipient. Molecules, 2019, 24, 1062.	3.8	35
22	Cannabis sativa L. Bioactive Compounds and Their Protective Role in Oxidative Stress and Inflammation. Antioxidants, 2022, 11, 660.	5.1	34
23	Different extraction methods for phenolic and volatile compounds recovery from Elsholtzia ciliata fresh and dried herbal materials. Industrial Crops and Products, 2018, 120, 286-294.	5.2	33
24	Elsholtzia ciliata (Thunb.) Hyl. Extracts from Different Plant Parts: Phenolic Composition, Antioxidant, and Anti-Inflammatory Activities. Molecules, 2020, 25, 1153.	3.8	33
25	Development of antimicrobial gummy candies with addition of bovine colostrum, essential oils and probiotics. International Journal of Food Science and Technology, 2018, 53, 1227-1235.	2.7	32
26	An updated review on the versatile role of chrysin in neurological diseases: Chemistry, pharmacology, and drug delivery approaches. Biomedicine and Pharmacotherapy, 2021, 141, 111906.	5.6	32
27	Direct Effects of (âˆ™)-Epicatechin and Procyanidin B2 on the Respiration of Rat Heart Mitochondria. BioMed Research International, 2015, 2015, 1-7.	1.9	31
28	Formulation of Novel Layered Sodium Carboxymethylcellulose Film Wound Dressings with Ibuprofen for Alleviating Wound Pain. BioMed Research International, 2015, 2015, 1-11.	1.9	28
29	Determination of Organic Compounds, Fulvic Acid, Humic Acid, and Humin in Peat and Saproel Alkaline Extracts. Molecules, 2021, 26, 2995.	3.8	28
30	The Effect of Leonurus cardiaca Herb Extract and Some of its Flavonoids on Mitochondrial Oxidative Phosphorylation in the Heart. Planta Medica, 2014, 80, 525-532.	1.3	25
31	Liposomal Incorporation to Improve Dissolution and Stability of Rosmarinic Acid and Carvacrol Extracted from Oregano (<i>O. onites</i> L.). BioMed Research International, 2018, 2018, 1-10.	1.9	24
32	Evaluation of Beeswax Influence on Physical Properties of Lipstick Using Instrumental and Sensory Methods. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.	1.2	23
33	Natural Compounds Rosmarinic Acid and Carvacrol Counteract Aluminium-Induced Oxidative Stress. Molecules, 2020, 25, 1807.	3.8	23
34	Microencapsulation of Elsholtzia ciliata Herb Ethanolic Extract by Spray-Drying: Impact of Resistant-Maltodextrin Complemented with Sodium Caseinate, Skim Milk, and Beta-Cyclodextrin on the Quality of Spray-Dried Powders. Molecules, 2019, 24, 1461.	3.8	22
35	Fermented, ultrasonicated, and dehydrated bovine colostrum: Changes in antimicrobial properties and immunoglobulin content. Journal of Dairy Science, 2020, 103, 1315-1323.	3.4	21
36	Ethnopharmaceutical knowledge in Samogitia region of Lithuania: where old traditions overlap with modern medicine. Journal of Ethnobiology and Ethnomedicine, 2018, 14, 70.	2.6	20

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37	The effects of ultrasonication, fermentation with <i>Lactobacillus</i> sp., and dehydration on the chemical composition and microbial contamination of bovine colostrum. <i>Journal of Dairy Science</i> , 2018, 101, 6787-6798.	3.4	19
38	The determinants of access to information on the Internet and knowledge of health related topics in European countries. <i>Health Policy</i> , 2018, 122, 1348-1355.	3.0	18
39	Pleiotropic Effects of Isoflavones in Inflammation and Chronic Degenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5656.	4.1	18
40	The Influence of Essential Oils on Gut Microbial Profiles in Pigs. <i>Animals</i> , 2020, 10, 1734.	2.3	17
41	The Influence of pH Values on the Rheological, Textural and Release Properties of Carbomer Polacril® 40P-Based Dental Gel Formulation with Plant-Derived and Synthetic Active Components. <i>Molecules</i> , 2020, 25, 5018.	3.8	17
42	Optimization of Naringin and Naringenin Extraction from <i>Citrus × paradisi</i> L. Using Hydrolysis and Excipients as Adsorbent. <i>Pharmaceutics</i> , 2022, 14, 890.	4.5	17
43	Formulation and characterization of Turkish oregano microcapsules prepared by spray-drying technology. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 792-803.	2.4	16
44	New strategy of multiple emulsion formation based on the interactions between polymeric emulsifier and natural ingredients. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 515, 22-33.	4.7	16
45	Cyclodextrin-Assisted Extraction Method as a Green Alternative to Increase the Isoflavone Yield from <i>Trifolium pratensis</i> L. Extract. <i>Pharmaceutics</i> , 2021, 13, 620.	4.5	15
46	Formulation and Characterization of Potential Antifungal Oleogel with Essential Oil of Thyme. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-6.	1.2	14
47	Innovative Natural Ingredients-Based Multiple Emulsions: The Effect on Human Skin Moisture, Sebum Content, Pore Size and Pigmentation. <i>Molecules</i> , 2018, 23, 1428.	3.8	13
48	Impact of Gelatin Supplemented with Gum Arabic, Tween 20, and $\beta$ -Cyclodextrin on the Microencapsulation of Turkish Oregano Extract. <i>Molecules</i> , 2019, 24, 176.	3.8	13
49	LITHUANIAN ACHIEVEMENTS IN TERMS OF CO <sub>2</sub> EMISSIONS BASED ON PRODUCTION SIDE IN THE CONTEXT OF THE EU-27. <i>Technological and Economic Development of Economy</i> , 2017, 23, 483-503.	4.6	12
50	Ethnobotanical Study of Cultivated Plants in Kaišiadorys District, Lithuania: Possible Trends for New Herbal Based Medicines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-15.	1.2	12
51	Formation and Investigation of Electrospun Eudragit E100/Oregano Mats. <i>Molecules</i> , 2019, 24, 628.	3.8	11
52	Development of New Formula Microcapsules from Nutmeg Essential Oil Using Sucrose Esters and Magnesium Aluminometasilicate. <i>Pharmaceutics</i> , 2020, 12, 628.	4.5	11
53	The Effect of Traditional and Cyclodextrin-Assisted Extraction Methods on <i>Trifolium pratense</i> L. (Red Clover). <i>Pharmaceutics</i> , 2021, 13, 1111.	5.1	11
54	Ethnomedicinal Uses of Honeybee Products in Lithuania: The First Analysis of Archival Sources. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-7.	1.2	10

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55	Psyllium ( <i>Plantago Ovata</i> Forsk) Husk Powder as a Natural Superdisintegrant for Orally Dispersible Formulations: A Study on Meloxicam Tablets. <i>Molecules</i> , 2019, 24, 3255.	3.8	9
56	Social Attitude to COVID-19 and Influenza Vaccinations after the Influenza Vaccination Season and between the Second and Third COVID-19 Wave in Poland, Lithuania, and Ukraine. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2042.	2.6	9
57	The Effect of <i>Myristica fragrans</i> on Texture Properties and Shelf-Life of Innovative Chewable Gel Tablets. <i>Pharmaceutics</i> , 2021, 13, 238.	4.5	8
58	Time Evolution of Sublingual Microcirculatory Changes in Recreational Marathon Runners. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	7
59	Novel Extraction Method Using Excipients to Enhance Yield of Genistein and Daidzein in <i>Trifolium pratensis</i> L.. <i>Pharmaceutics</i> , 2021, 13, 777.	4.5	7
60	Investigation of Immunomodulatory and Gut Microbiota-Altering Properties of Multicomponent Nutraceutical Prepared from Lactic Acid Bacteria, Bovine Colostrum, Apple Production By-Products and Essential Oils. <i>Foods</i> , 2021, 10, 1313.	4.3	7
61	Promising Protective Effects of Chrysin in Cardiometabolic Diseases. <i>Current Drug Targets</i> , 2022, 23, 458-470.	2.1	7
62	Comparison of Long-Term Stability of Parenteral All-in-One Admixtures Containing New Lipid Emulsions Prepared Under Hospital Pharmacy Conditions. <i>Medicina (Lithuania)</i> , 2011, 47, 46.	2.0	6
63	Development of Innovative Chewable Gel Tablets Containing Nutmeg Essential Oil Microcapsules and Their Physical Properties Evaluation. <i>Pharmaceutics</i> , 2021, 13, 873.	4.5	6
64	Formulation and Evaluation of Novel Film Wound Dressing Based on Collagen/Microfibrillated Carboxymethylcellulose Blend. <i>Pharmaceutics</i> , 2022, 14, 782.	4.5	6
65	Nutraceuticals in gummy candies form prepared from lacto-fermented lupine protein concentrates, as high-quality protein source, incorporated with <i>Citrus paradise</i> L. essential oil and xylitol. <i>International Journal of Food Science and Technology</i> , 2018, 53, 2015-2025.	2.7	5
66	Antiarrhythmic Properties of <i>Elsholtzia ciliata</i> Essential Oil on Electrical Activity of the Isolated Rabbit Heart and Preferential Inhibition of Sodium Conductance. <i>Biomolecules</i> , 2020, 10, 948.	4.0	5
67	Modulation of Endothelial Glycocalyx and Microcirculation in Healthy Young Men during High-Intensity Sprint Interval Cycling-Exercise by Supplementation with Pomegranate Extract. A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4405.	2.6	5
68	The development and <i>in vitro</i> evaluation of herbal pellets coated with Eudragit FS 30. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 769-774.	2.4	4
69	The optimization of technological processes, stability and microbiological evaluation of innovative natural ingredients-based multiple emulsion. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 636-645.	2.4	4
70	The effect of nutmeg essential oil constituents on Novikoff hepatoma cell viability and communication through Cx43 gap junctions. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111229.	5.6	4
71	Home Gardens as a Source of Medicinal, Herbal and Food Preparations: Modern and Historical Approaches in Lithuania. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9988.	2.5	4
72	In Vitro and Clinical Safety Assessment of the Multiple W/O/W Emulsion Based on the Active Ingredients from <i>Rosmarinus officinalis</i> L., <i>Avena sativa</i> L. and <i>Linum usitatissimum</i> L.. <i>Pharmaceutics</i> , 2021, 13, 732.	4.5	3

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73	Impact of Compression Force on Mechanical, Textural, Release and Chewing Perception Properties of Compressible Medicated Chewing Gums. <i>Pharmaceutics</i> , 2021, 13, 1808.	4.5	3
74	A new delivery system based on apple pomace pectin gels to encourage the viability of antimicrobial strains. <i>Food Science and Technology International</i> , 2020, 26, 242-253.	2.2	2
75	Structural and functional characterisation of compositionally optimised rice bran and lingonberry dietary fibre based gel-type product enriched with phytochemicals. <i>International Journal of Food Science and Technology</i> , 2020, 55, 3372-3380.	2.7	2
76	Natural Polymer Chitosan as Super Disintegrant in Fast Orally Disintegrating Meloxicam Tablets: Formulation and Evaluation. <i>Pharmaceutics</i> , 2021, 13, 879.	4.5	2
77	Reduction of gastrointestinal tract colonization by <i>Klebsiella quasipneumoniae</i> using antimicrobial protein Kvarla. <i>Gut Pathogens</i> , 2022, 14, 17.	3.4	2
78	Microcirculatory effects of L-arginine during acute anaerobic exercise in healthy men: A pilot study. <i>Journal of Exercise Science and Fitness</i> , 2015, 13, 57-62.	2.2	1
79	Ethnopharmacology for Skin Diseases and Cosmetics during the COVID-19 Pandemic in Lithuania. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4054.	2.6	1
80	Influence of Technological Factors on the Quality of Chitosan Microcapsules with <i>Boswellia serata</i> L. Essential Oil. <i>Pharmaceutics</i> , 2022, 14, 1259.	4.5	1
81	Effects of catechins on cellular energy supply in the heart. <i>FASEB Journal</i> , 2021, 35, .	0.5	0