

Katarzyna BÄczek

List of Publications by Year in descending order

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papers

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516710

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docs citations

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967
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#	ARTICLE	IF	CITATIONS
1	Antibacterial and antioxidant activity of essential oils and extracts from costmary (<i>Tanacetum</i>) Tj ETQq1 1 0.784314.rgBT /Overlock 10	5.2	71
2	Antimicrobial and antioxidant properties of pullulan film containing sweet basil extract and an evaluation of coating effectiveness in the prolongation of the shelf life of apples stored in refrigeration conditions. <i>Innovative Food Science and Emerging Technologies</i> , 2014, 23, 171-181.	5.6	70
3	The antimicrobial activity of pullulan film incorporated with meadowsweet flower extracts (<i>Filipendulae ulmariae flos</i>) on postharvest quality of apples. <i>Food Control</i> , 2014, 37, 351-361.	5.5	53
4	The use of pullulan coating enriched with plant extracts from <i>Satureja hortensis</i> L. to maintain pepper and apple quality and safety. <i>Postharvest Biology and Technology</i> , 2014, 90, 63-72.	6.0	51
5	Antioxidant and Antibacterial Activity of Roseroot (<i>Rhodiola rosea</i> L.) Dry Extracts. <i>Molecules</i> , 2018, 23, 1767.	3.8	46
6	Antioxidant and Antibacterial Activity of Essential Oils and Hydroethanolic Extracts of Greek Oregano (<i>O. vulgare</i> L. subsp. <i>hirtum</i> (Link) letsvaart) and Common Oregano (<i>O. vulgare</i> L. subsp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.8	46
7	Sweet Basil (<i>Ocimum basilicum</i> L.) Productivity and Raw Material Quality from Organic Cultivation. <i>Agronomy</i> , 2019, 9, 279.	3.0	35
8	The Quality of Greek Oregano (<i>O. vulgare</i> L. subsp. <i>hirtum</i> (Link) letsvaart) and Common Oregano (<i>O.</i>) Tj ETQq0 0 0 rgBT /Overlock 10	4.3	33
9	Growth Biocontrol of Foodborne Pathogens and Spoilage Microorganisms of Food by Polish Propolis Extracts. <i>Molecules</i> , 2019, 24, 2965.	3.8	32
10	The application of pullulan coating enriched with extracts from <i>Bergenia crassifolia</i> to control the growth of food microorganisms and improve the quality of peppers and apples. <i>Food and Bioprocess Technology</i> , 2015, 94, 422-433.	3.6	27
11	Intraspecific variability of yarrow (<i>Achillea millefolium</i> L. s.l.) in respect of developmental and chemical traits. <i>Herba Polonica</i> , 2015, 61, 37-52.	0.6	24
12	Arbuscular mycorrhizal fungi in chamomile (<i>Matricaria recutita</i> L.) organic cultivation. <i>Industrial Crops and Products</i> , 2019, 140, 111562.	5.2	23
13	Effect of Meadowsweet Flower Extract-Pullulan Coatings on <i>Rhizopus</i> Rot Development and Postharvest Quality of Cold-Stored Red Peppers. <i>Molecules</i> , 2014, 19, 12925-12939.	3.8	21
14	Intraspecific variability in the content of phenolic compounds, essential oil and mucilage of small-leaved lime (<i>Tilia cordata</i> Mill.) from Poland. <i>Industrial Crops and Products</i> , 2015, 78, 58-65.	5.2	20
15	Effect of Juice and Extracts from <i>Saposhnikovia divaricata</i> Root on the Colon Cancer Cells Caco-2. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4526.	4.1	20
16	Yield and quality of "Greek oregano" (<i>Origanum vulgare</i> L. subsp. <i>hirtum</i>) herb from organic production system in temperate climate. <i>Industrial Crops and Products</i> , 2019, 141, 111782.	5.2	17
17	Phenolics in <i>Primula veris</i> L. and <i>P. elatior</i> (L.) Hill Raw Materials. <i>International Journal of Analytical Chemistry</i> , 2017, 2017, 1-7.	1.0	16
18	Morphological and Chemical Traits as Quality Determinants of Common Thyme (<i>Thymus vulgaris</i> L.), on the Example of "Standard Winter" Cultivar. <i>Agronomy</i> , 2020, 10, 909.	3.0	15

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19	Antioxidant and Antibacterial Activity of <i>Helichrysum italicum</i> (Roth) G. Don. from Central Europe. <i>Pharmaceuticals</i> , 2022, 15, 735.	3.8	15
20	Intraspecific variability of wild thyme (<i>Thymus serpyllum</i> L.) occurring in Poland. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2019, 12, 30-35.	1.5	11
21	Antimicrobial effect of an aqueous extract of <i>Potentilla erecta</i> rhizome. <i>Herba Polonica</i> , 2014, 60, 18-28.	0.6	8
22	Setting of southern sweet-grass plantation with stem cuttings obtained by division of maternal plants. <i>Herba Polonica</i> , 2015, 60, 9-21.	0.6	7
23	Chemical variability of common skullcap (<i>Scutellaria galericulata</i> L.) wild growing in the area of eastern Poland. <i>Herba Polonica</i> , 2016, 62, 7-19.	0.6	6
24	Genome-Wide Diversity Analysis of <i>Valeriana officinalis</i> L. Using DArT-seq Derived SNP Markers. <i>Agronomy</i> , 2020, 10, 1346.	3.0	6
25	ACCUMULATION OF PHENOLICS IN ELEUTHERO (<i>ELEUTHEROCOCCUS SENTICOSUS</i> (RUPR. ET MAXIM.) TJ ETQq1 1 0.784314 rgBT / Overlock 89-99.	0.6	6
26	Diversity of <i>Eleutherococcus</i> genus in respect of biologically active compounds accumulation. <i>Herba Polonica</i> , 2014, 60, 34-43.	0.6	5
27	Effect of Shading on Development, Yield and Quality of Bastard Balm Herb (<i>Melittis melissophyllum</i> L.). <i>Molecules</i> , 2020, 25, 2142.	3.8	5
28	Variability of southern sweet-grass (<i>Hierochloa australis</i> /Schrad./ Roem. & Schult.) wild growing populations occurring in eastern Poland. <i>Herba Polonica</i> , 2015, 61, 23-36.	0.6	5
29	Functional traits of selected clones of southern sweet-grass (<i>Hierochloa australis</i> /Schrad./ Roem.) TJ ETQq1 1 0.784314 rgBT / Overlock	0.6	4
30	Effect of different growing media in hydroponic culture on the yield and biological quality of lettuce (<i>Lactuca sativa</i> var. <i>capitata</i>). <i>Acta Horticulturae</i> , 2016, , 10-110.	0.2	4
31	Accumulation of phenolic compounds in the purple betony herb (<i>Stachys officinalis</i> L.) originated from cultivation. <i>Herba Polonica</i> , 2016, 62, 7-16.	0.6	4
32	Chemical Diversity of Bastard Balm (<i>Melittis melisophyllum</i> L.) as Affected by Plant Development. <i>Molecules</i> , 2020, 25, 2421.	3.8	4
33	The Effect of Open Field and Foil Tunnel on Yield and Quality of the Common Thyme (<i>Thymus vulgaris</i>) TJ ETQq1 1 0.784314 rgBT / Overlock	3.0	4
34	Impact of shading on selected developmental, physiological and chemical parameters of southern sweet-grass (<i>Hierochloa australis</i> (Schrad.) Roem. et Schult.). <i>European Journal of Horticultural Science</i> , 2019, 84, 99-105.	0.7	3
35	Diversity of southern sweet-grass in its natural habitat and in cultivation. <i>Herba Polonica</i> , 2017, 63, 11-17.	0.6	2
36	Influence of storage and pre-sowing treatment of southern sweet-grass seeds on their germination and initial growth of seedlings. <i>Herba Polonica</i> , 2016, 62, 31-41.	0.6	2

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37	Chemical diversity of silverweed (<i>Potentilla anserinal</i> L.) growing at the edges of arable fields. <i>Plant Breeding and Seed Science</i> , 2010, 61, 41-45.	0.1	1
38	INTRASPECIFIC CHEMICAL VARIABILITY OF <i>ELEUTHEROCOCCUS SENTICOSUS</i> (RUPR. ET. MAXIM.) MAXIM.. <i>Acta Horticulturae</i> , 2010, , 119-122.	0.2	1
39	ACCUMULATION OF PHENOLIC COMPOUNDS IN LEAVES AND UNDERGROUND ORGANS OF DROPWORT (<i>FILIPENDULA VULGARIS</i> MOENCH). <i>Acta Horticulturae</i> , 2011, , 147-150.	0.2	1
40	DROPWORT (<i>FILIPENDULA VULGARIS</i> L.) SEEDS GERMINABILITY AS AFFECTED BY THEIR RIPENESS AND ONE-YEAR STORAGE. <i>Acta Horticulturae</i> , 2011, , 171-174.	0.2	1
41	<i>In vitro</i> propagation of bastard balm (<i>Melittis melissophyllum</i> L.). <i>Herba Polonica</i> , 2015, 61, 67-76.	0.6	1
42	Secondary Metabolites of Various Eleuthero (<i>Eleutherococcus senticosus</i> /Rupr. et Maxim./Maxim) Organs Derived from Plants Obtained by Somatic Embryogenesis. <i>Reference Series in Phytochemistry</i> , 2021, , 433-466.	0.4	1
43	ACCUMULATION OF BIOLOGICALLY ACTIVE COMPOUNDS IN ABOVE- AND UNDERGROUND ORGANS OF COMMON AVENS (<i>GEUM URBANUM</i> L.). <i>Acta Horticulturae</i> , 2011, , 193-198.	0.2	0
44	INTRASPECIFIC VARIABILITY OF ROSEROOT (<i>RHODIOLA ROSEA</i>) NATURALLY OCCURRING IN MONGOLIAN ALTAI. <i>Acta Horticulturae</i> , 2012, , 51-58.	0.2	0
45	Eleuterokok kolczysty – alternatywa dla „szenia”. <i>Herbalism</i> , 2021, 3, 7-19.	0.1	0
46	Propagation of Southern Sweet-Grass Using In Vitro Techniques as a Method for the Production of Plants Being a Source of Standardized Raw Material. <i>Reference Series in Phytochemistry</i> , 2019, , 1-29.	0.4	0
47	Secondary Metabolites of Various Eleuthero (<i>Eleutherococcus senticosus</i> /Rupr. et Maxim./Maxim) Organs Derived from Plants Obtained by Somatic Embryogenesis. <i>Reference Series in Phytochemistry</i> , 2019, , 1-34.	0.4	0
48	Propagation of Southern Sweet-Grass Using In Vitro Techniques as a Method for the Production of Plants Being a Source of Standardized Raw Material. <i>Reference Series in Phytochemistry</i> , 2021, , 773-801.	0.4	0