

Izabela Grzegorzczuk-Karolak

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

800
citations

567144

15
h-index

552653

26
g-index

44
all docs

44
docs citations

44
times ranked

843
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of cultivation conditions of <i>Salvia viridis</i> L. shoots in the Plantform bioreactor to increase polyphenol production. <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 149, 269-280.	1.2	8
2	The Antioxidant, Cytotoxic and Antimicrobial Potential of Phenolic Acids-Enriched Extract of Elicited Hairy Roots of <i>Salvia bulleyana</i> . <i>Molecules</i> , 2022, 27, 992.	1.7	10
3	Pre-Vaccination Stress, Post-Vaccination Adverse Reactions, and Attitudes towards Vaccination after Receiving the COVID-19 Vaccine among Health Care Workers. <i>Vaccines</i> , 2022, 10, 401.	2.1	11
4	A Retrospective Cross-Sectional Study on the Risk of Getting Sick with COVID-19, the Course of the Disease, and the Impact of the National Vaccination Program against SARS-CoV-2 on Vaccination among Health Professionals in Poland. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7231.	1.2	2
5	In Vitro Strategy for the Enhancement of the Production of Bioactive Polyphenols in Transformed Roots of <i>Salvia bulleyana</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 7771.	1.8	6
6	Identification and quantification of phenolic compounds in <i>Salvia cadmica</i> Boiss. and their biological potential. <i>Industrial Crops and Products</i> , 2021, 160, 113113.	2.5	16
7	Knowledge, Beliefs and Attitudes towards the Influenza Vaccine among Future Healthcare Workers in Poland. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2105.	1.2	8
8	Cytokinin Signaling and De Novo Shoot Organogenesis. <i>Genes</i> , 2021, 12, 265.	1.0	20
9	Barriers Associated with the Uptake Ratio of Seasonal Flu Vaccine and Ways to Improve Influenza Vaccination Coverage among Young Health Care Workers in Poland. <i>Vaccines</i> , 2021, 9, 530.	2.1	2
10	The Protective Function and Modification of Secondary Metabolite Accumulation in Response to Light Stress in <i>Dracocephalum forrestii</i> Shoots. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7965.	1.8	18
11	Plant Liquid Cultures as a Source of Bioactive Metabolites. <i>Reference Series in Phytochemistry</i> , 2021, , 743-771.	0.2	4
12	Cytokinin-Based Tissue Cultures for Stable Medicinal Plant Production: Regeneration and Phytochemical Profiling of <i>Salvia bulleyana</i> Shoots. <i>Biomolecules</i> , 2021, 11, 1513.	1.8	18
13	The effect of different light treatments on morphogenesis, phenolic compound accumulation and antioxidant potential of <i>Dracocephalum forrestii</i> transformed shoots cultured in vitro. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 224, 112329.	1.7	6
14	Optimization of culture conditions and cultivation phase for the growth of <i>Salvia viridis</i> transformed roots and polyphenolic compound production. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 142, 571-581.	1.2	8
15	Phytochemical Profile and Antioxidant Activity of Aerial and Underground Parts of <i>Salvia bulleyana</i> Diels. <i>Plants. Metabolites</i> , 2020, 10, 497.	1.3	15
16	A Comparison of the Attitudes to Influenza Vaccination Held by Nursing, Midwifery, Pharmacy, and Public Health Students and Their Knowledge of Viral Infections. <i>Vaccines</i> , 2020, 8, 516.	2.1	11
17	Transformed Shoots of <i>Dracocephalum forrestii</i> W.W. Smith from Different Bioreactor Systems as a Rich Source of Natural Phenolic Compounds. <i>Molecules</i> , 2020, 25, 4533.	1.7	14
18	Establishment of hairy root cultures of <i>Salvia bulleyana</i> Diels for production of polyphenolic compounds. <i>Journal of Biotechnology</i> , 2020, 318, 10-19.	1.9	30

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19	The Stimulatory Effect of Purine-Type Cytokinins on Proliferation and Polyphenolic Compound Accumulation in Shoot Culture of <i>Salvia viridis</i> . <i>Biomolecules</i> , 2020, 10, 178.	1.8	13
20	Guggul- a herbal panacea from India. <i>Farmacja Polska</i> , 2020, 75, 664-675.	0.1	0
21	Influence of Selected Antibiotics on the Tomato Regeneration in In Vitro Cultures. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2019, 47, .	0.5	7
22	The effect of purine-type cytokinin on the proliferation and production of phenolic compounds in transformed shoots of <i>Dracocephalum forrestii</i> . <i>Journal of Biotechnology</i> , 2019, 306, 125-133.	1.9	14
23	The content of triterpene saponins and phenolic compounds in American ginseng hairy root extracts and their antioxidant and cytotoxic properties. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 138, 353-362.	1.2	13
24	Regeneration of <i>Phaseolus vulgaris</i> from epicotyls and hypocotyls via direct organogenesis. <i>Scientific Reports</i> , 2019, 9, 6248.	1.6	11
25	The antioxidant and antimicrobial properties of phenol-rich extracts of <i>Dracocephalum forrestii</i> W. W. Smith shoot cultures grown in the nutrient sprinkle bioreactor. <i>Phytochemistry Letters</i> , 2019, 30, 254-260.	0.6	18
26	Accumulation of phenolic compounds in different in vitro cultures of <i>Salvia viridis</i> L. and their antioxidant and antimicrobial potential. <i>Phytochemistry Letters</i> , 2019, 30, 324-332.	0.6	18
27	Plant Liquid Cultures as a Source of Bioactive Metabolites. <i>Reference Series in Phytochemistry</i> , 2019, , 1-29.	0.2	0
28	Hairy root cultures of <i>Salvia viridis</i> L. for production of polyphenolic compounds. <i>Industrial Crops and Products</i> , 2018, 117, 235-244.	2.5	46
29	Effect of cytokinins on shoots proliferation and rosmarinic and salvianolic acid B production in shoot culture of <i>Dracocephalum forrestii</i> W. W. Smith. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	1.0	21
30	Determination of the Phenolic Profile and Antioxidant Properties of <i>Salvia viridis</i> L. Shoots: A Comparison of Aqueous and Hydroethanolic Extracts. <i>Molecules</i> , 2018, 23, 1468.	1.7	42
31	Evaluation of antioxidant activity of extracts from the roots and shoots of <i>Scutellaria alpina</i> L. and <i>S. altissima</i> L. in selected blood cells. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 28, 453-460.	0.6	4
32	An Untapped Resource in the Spotlight of Medicinal Biotechnology: The Genus <i>Scutellaria</i> . <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 358-371.	0.9	11
33	The influence of liquid systems for shoot multiplication, secondary metabolite production and plant regeneration of <i>Scutellaria alpina</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 479-486.	1.2	38
34	The influence of cytokinins on proliferation and polyphenol accumulation in shoot cultures of <i>Scutellaria altissima</i> L.. <i>Phytochemistry Letters</i> , 2017, 20, 449-455.	0.6	12
35	Rosmarinic Acid Accumulation and Antioxidant Potential of <i>Dracocephalum moldavica</i> L. Cell Suspension Culture. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 215-219.	0.5	15
36	Inhibition of Advanced Glycation End-Product Formation and Antioxidant Activity by Extracts and Polyphenols from <i>Scutellaria alpina</i> L. and <i>S. altissima</i> L.. <i>Molecules</i> , 2016, 21, 739.	1.7	57

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37	In vitro cultures of <i>Scutellaria alpina</i> as a source of pharmacologically active metabolites. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	19
38	Callus cultures of <i>Harpagophytum procumbens</i> (Burch.) DC. ex Meisn.; production of secondary metabolites and antioxidant activity. <i>South African Journal of Botany</i> , 2016, 103, 41-48.	1.2	16
39	Studies on the antioxidant properties of extracts from the roots and shoots of two <i>Scutellaria</i> species in human blood plasma. <i>Acta Biochimica Polonica</i> , 2015, 62, 253-258.	0.3	13
40	The extracts from <i>Panax quinquefolium</i> shoots derived from somatic embryos accumulate ginsenosides and have the antioxidant properties. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2015, 51, 696-701.	0.9	2
41	The effect of cytokinins on shoot proliferation, secondary metabolite production and antioxidant potential in shoot cultures of <i>Scutellaria alpina</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 122, 699-708.	1.2	62
42	Study on the chemical composition and antioxidant activity of extracts from shoot culture and regenerated plants of <i>Scutellaria altissima</i> L.. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	31
43	Micropropagation of <i>Rehmannia glutinosa</i> Libosch.: production of phenolics and flavonoids and evaluation of antioxidant activity. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 1693-1702.	1.0	37
44	Hairy roots of <i>Dracocephalum moldavica</i> : rosmarinic acid content and antioxidant potential. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 2095-2103.	1.0	73