

# Renata Nowak

## List of Publications by Year in descending order

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71  
papers

1,715  
citations

279701

23  
h-index

330025

37  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of antiradical activity of plant material by thin-layer chromatography with image processing. <i>Food Chemistry</i> , 2012, 132, 549-553.	4.2	96
2	Biological Activity of Berberine—A Summary Update. <i>Toxins</i> , 2020, 12, 713.	1.5	87
3	Analysis of phenolic constituents, antiradical and antimicrobial activity of edible mushrooms growing wild in Poland. <i>LWT - Food Science and Technology</i> , 2014, 59, 689-694.	2.5	82
4	Antibacterial, Antiradical Potential and Phenolic Compounds of Thirty-One Polish Mushrooms. <i>PLoS ONE</i> , 2015, 10, e0140355.	1.1	79
5	Cytotoxic, antioxidant, antimicrobial properties and chemical composition of rose petals. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 560-567.	1.7	71
6	The preliminary study of prebiotic potential of Polish wild mushroom polysaccharides: the stimulation effect on <i>Lactobacillus</i> strains growth. <i>European Journal of Nutrition</i> , 2018, 57, 1511-1521.	1.8	70
7	Polyphenols of <i>Rosa L.</i> Leaves Extracts and their Radical Scavenging Activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 32-38.	0.6	60
8	Gluten-Free Precooked Rice—Yellow Pea Pasta: Effect of Extrusion—Cooking Conditions on Phenolic Acids Composition, Selected Properties and Microstructure. <i>Journal of Food Science</i> , 2016, 81, C1070-9.	1.5	52
9	Mechanism of action and interactions between xanthine oxidase inhibitors derived from natural sources of chlorogenic and ferulic acids. <i>Food Chemistry</i> , 2017, 225, 138-145.	4.2	48
10	New biological activity of the polysaccharide fraction from <i>Cantharellus cibarius</i> and its structural characterization. <i>Food Chemistry</i> , 2018, 268, 355-361.	4.2	47
11	Extraction methods for the determination of phenolic compounds from <i>Equisetum arvense L.</i> herb. <i>Industrial Crops and Products</i> , 2014, 61, 377-381.	2.5	46
12	A New Method for the Isolation of Ergosterol and Peroxyergosterol as Active Compounds of <i>Hygrophoropsis aurantiaca</i> and in Vitro Antiproliferative Activity of Isolated Ergosterol Peroxide. <i>Molecules</i> , 2016, 21, 946.	1.7	44
13	Effect of different extraction techniques on quantification of oleanolic and ursolic acid in <i>Lamii albi</i> flos. <i>Industrial Crops and Products</i> , 2013, 44, 373-377.	2.5	43
14	Influence of sprouting and elicitation on phenolic acids profile and antioxidant activity of wheat seedlings. <i>Journal of Cereal Science</i> , 2016, 70, 221-228.	1.8	41
15	Antioxidative and cytotoxic potential of some <i>Chenopodium L.</i> species growing in Poland. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 15-23.	1.8	41
16	LC-ESI-MS/MS Identification of Biologically Active Phenolic Compounds in Mistletoe Berry Extracts from Different Host Trees. <i>Molecules</i> , 2017, 22, 624.	1.7	36
17	Effect of extraction method on phenolic content and antioxidant activity of mistletoe extracts from <i>Viscum album</i> subsp. <i>abietis</i> . <i>Chemical Papers</i> , 2014, 68, .	1.0	32
18	Chemical Composition of Hips Essential Oils of Some <i>Rosa L.</i> Species December 13, 2004. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2005, 60, 369-378.	0.6	30

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19	Polysaccharide-Rich Fractions from <i>Rosa rugosa</i> Thunb.â€™Composition and Chemopreventive Potential. <i>Molecules</i> , 2019, 24, 1354.	1.7	28
20	A new look at edible and medicinal mushrooms as a source of ergosterol and ergosterol peroxide - UHPLC-MS/MS analysis. <i>Food Chemistry</i> , 2022, 369, 130927.	4.2	28
21	Impact of Harvest Conditions and Host Tree Species on Chemical Composition and Antioxidant Activity of Extracts from <i>Viscum album</i> L.. <i>Molecules</i> , 2021, 26, 3741.	1.7	27
22	Biological activity and composition of teas and tinctures prepared from <i>Rosa rugosa</i> Thunb.. <i>Open Life Sciences</i> , 2012, 7, 172-182.	0.6	26
23	Phenolic Acid Content and Antioxidant Properties of Extruded Corn Snacks Enriched with Kale. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-7.	0.7	25
24	Characterization of Free and Bound Phenolic Acids and Flavonoid Aglycones in <i>Rosa rugosa</i> Thunb. Leaves and Achenes Using LCâ€™ESIâ€™MS/MSâ€™MRM Methods. <i>Molecules</i> , 2020, 25, 1804.	1.7	25
25	Comparison of the Essential Oil Composition of Selected <i>Impatiens</i> Species and Its Antioxidant Activities. <i>Molecules</i> , 2016, 21, 1162.	1.7	24
26	Influence of Drying Temperature on Phenolic Acids Composition and Antioxidant Activity of Sprouts and Leaves of White and Red Quinoa. <i>Journal of Chemistry</i> , 2019, 2019, 1-8.	0.9	22
27	Separation and Quantification of Tiliroside from Plant Extracts by SPE/RP-HPLC. <i>Pharmaceutical Biology</i> , 2003, 41, 627-630.	1.3	21
28	Influence of Accelerated Solvent Extraction Conditions on the LC-ESI-MS/MS Polyphenolic Profile, Triterpenoid Content, and Antioxidant and Anti-lipoxygenase Activity of <i>Rhododendron luteum</i> Sweet Leaves. <i>Antioxidants</i> , 2020, 9, 822.	2.2	21
29	Plant Polyphenols as Chemopreventive Agents. , 2014, , 1289-1307.		20
30	Berberine, a Herbal Metabolite in the Metabolic Syndrome: The Risk Factors, Course, and Consequences of the Disease. <i>Molecules</i> , 2022, 27, 1351.	1.7	20
31	Influence of different extraction procedures on the antiradical activity and phenolic profile of <i>Rosa rugosa</i> petals. <i>Acta Poloniae Pharmaceutica</i> , 2012, 69, 501-7.	0.3	19
32	Evaluation of rose roots, a post-harvest plantation residue as a source of phytochemicals with radical scavenging, cytotoxic, and antimicrobial activity. <i>Industrial Crops and Products</i> , 2015, 69, 129-136.	2.5	17
33	Multidirectional characterisation of chemical composition and health-promoting potential of <i>Rosa rugosa</i> hips. <i>Natural Product Research</i> , 2017, 31, 667-671.	1.0	17
34	Polyphenol Composition and Antioxidant Potential of Instant Gruels Enriched with <i>Lycium barbarum</i> L. Fruit. <i>Molecules</i> , 2020, 25, 4538.	1.7	17
35	Promising Potential of Crude Polysaccharides from <i>Sparassis crispa</i> against Colon Cancer: An In Vitro Study. <i>Nutrients</i> , 2021, 13, 161.	1.7	17
36	Hyaluronidase, acetylcholinesterase inhibiting potential, antioxidant activity, and LC-ESI-MS/MS analysis of polyphenolics of rose ( <i>Rosa rugosa</i> Thunb.) teas and tinctures. <i>International Journal of Food Properties</i> , 2017, 20, S16-S25.	1.3	16

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37	LC-ESI-MS/MS profiling of phenolics from <i>Eleutherococcus</i> spp. inflorescences, structure-activity relationship as antioxidants, inhibitors of hyaluronidase and acetylcholinesterase. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 734-743.	1.2	16
38	<i>Uncaria tomentosa</i> Leaves Decoction Modulates Differently ROS Production in Cancer and Normal Cells, and Effects Cisplatin Cytotoxicity. <i>Molecules</i> , 2017, 22, 620.	1.7	16
39	TLC fingerprinting analysis of the European dog rose. <i>Journal of Planar Chromatography - Modern TLC</i> , 2007, 20, 43-48.	0.6	15
40	Phytochemical Content and Pharma-Nutrition Study on <i>Eleutherococcus senticosus</i> Fruits Intractum. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	15
41	LC-ESI-MS/MS-MRM Profiling of Polyphenols and Antioxidant Activity Evaluation of Junipers of Different Origin. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8921.	1.3	15
42	Junipers of Various Origins as Potential Sources of the Anticancer Drug Precursor Podophyllotoxin. <i>Molecules</i> , 2021, 26, 5179.	1.7	15
43	Antioxidant, Anti-Inflammatory, and Anti-Diabetic Activity of Phenolic Acids Fractions Obtained from <i>Aerva lanata</i> (L.) Juss.. <i>Molecules</i> , 2021, 26, 3486.	1.7	14
44	A solid-phase extraction-thin-layer chromatographic-fiber optical scanning densitometric method for determination of flavonol aglycones in extracts of rose leaves. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 437-442.	0.6	13
45	Extruded corn gruels containing linden flowers: quantitation of phenolic compounds and selected quality characteristics. <i>Open Chemistry</i> , 2015, 13, .	1.0	13
46	LC-ESI-MS/MS Characterization of Concentrated Polyphenolic Fractions from <i>Rhododendron luteum</i> and Their Anti-Inflammatory and Antioxidant Activities. <i>Molecules</i> , 2022, 27, 827.	1.7	12
47	Comparative study of phenolic acids in pseudofruits of some species of roses. <i>Acta Poloniae Pharmaceutica</i> , 2006, 63, 281-8.	0.3	12
48	Two-dimensional thin-layer chromatographic determination of phenolic antioxidants from <i>Eupatorium cannabinum</i> extracts on cyano-bonded polar stationary phases. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 394-402.	0.6	11
49	Influence of Production Parameters on the Content of Polyphenolic Compounds in Extruded Porridge Enriched with Chokeberry Fruit ( <i>Aronia melanocarpa</i> (Michx.) Elliott). <i>Open Chemistry</i> , 2019, 17, 166-176.	1.0	11
50	Phenolic acids prolife and antioxidant properties of bread enriched with sprouted wheat flour. <i>Journal of Food Biochemistry</i> , 2017, 41, e12386.	1.2	10
51	LC-ESI-MS/MS profiling of phenolics in the leaves of <i>Eleutherococcus senticosus</i> cultivated in the West Europe and anti-hyaluronidase and anti-acetylcholinesterase activities. <i>Natural Product Research</i> , 2018, 32, 448-452.	1.0	10
52	<i>Eleutherococcus</i> Species Cultivated in Europe: A New Source of Compounds with Antiacetylcholinesterase, Antihyaluronidase, Anti-DPPH, and Cytotoxic Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	10
53	Determination of ellagic acid in pseudofruits of some species of roses. <i>Acta Poloniae Pharmaceutica</i> , 2006, 63, 289-92.	0.3	10
54	Impact of xanthan gum addition on phenolic acids composition and selected properties of new gluten-free maize-field bean pasta. <i>Open Chemistry</i> , 2019, 17, 587-598.	1.0	9

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55	Effects of Supercritical Carbon Dioxide Extraction (SC-CO <sub>2</sub> ) on the content of tiliroside in the extracts from <i>Tilia L.</i> flowers. <i>Open Chemistry</i> , 2019, 17, 302-312.	1.0	9
56	Two-dimensional Thin Layer Chromatographic Separation of Phenolic Compounds from <i>Eupatorium cannabinum</i> Extracts and their Antioxidant Activity. <i>Medicinal Chemistry</i> , 2012, 8, 118-131.	0.7	8
57	Optimization of Extraction Conditions for Determination of Tiliroside in <i>Tilia L.</i> Flowers Using an LC-ESI-MS/MS Method. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-9.	0.7	8
58	The Impact of Formulation on the Content of Phenolic Compounds in Snacks Enriched with <i>Dracocephalum moldavica L.</i> Seeds: Introduction to Receiving a New Functional Food Product. <i>Molecules</i> , 2021, 26, 1245.	1.7	8
59	The essential oil composition of selected <i>Hemerocallis</i> cultivars and their biological activity. <i>Open Chemistry</i> , 2019, 17, 1412-1422.	1.0	8
60	HPTLC-densitometry determination of triterpenic acids in <i>Origanum vulgare</i> , <i>Rosmarinus officinalis</i> and <i>Syzygium aromaticum</i> . <i>Acta Poloniae Pharmaceutica</i> , 2013, 70, 413-8.	0.3	7
61	Synthesis and Antioxidant Activity of New Norcantharidin Analogs. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800673.	1.0	6
62	LC-ESI-MS/MS Polyphenolic Profile and In Vitro Study of Cosmetic Potential of <i>Aerva lanata (L.) Juss.</i> Herb Extracts. <i>Molecules</i> , 2022, 27, 1259.	1.7	6
63	Antioxidant Evaluation of Some Semicarbazide, 1,2,4-Triazolone and Pyrazolone Derivatives. <i>Letters in Drug Design and Discovery</i> , 2011, 8, 1004-1008.	0.4	5
64	Phytoconstituents and Nutritional Properties of the Fruits of <i>Eleutherococcus divaricatus</i> and <i>Eleutherococcus sessiliflorus</i> : A Study of Non-European Species Cultivated in Poland. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	1.9	5
65	Biological activity of new flavonoid from <i>Hieracium pilosella L.</i> . <i>Open Life Sciences</i> , 2011, 6, 397-404.	0.6	4
66	Puffed cereals with added chamomile – quantitative analysis of polyphenols and optimization of their extraction method. <i>Annals of Agricultural and Environmental Medicine</i> , 2017, 24, 222-228.	0.5	4
67	Mushroom Polyphenols as Chemopreventive Agents. , 2018, , 137-150.		4
68	Application of densitometry to the determination of catechin in rose-hip extracts. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 217-220.	0.6	4
69	Phenolic acids in leaves of <i>Secamone afzelii (Rhoem.) Schult. (Asclepiadaceae)</i> . <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 67, 243-245.	0.8	4
70	Barberry ( <i>Berberis vulgaris</i> ) – Traditional and Contemporary Use. <i>Sustainable Development and Biodiversity</i> , 2021, , 797-825.	1.4	1
71	Phenolic Acid LC/MS Profile of <i>Chenopodium rubrum</i> and Evaluation of Cytotoxic Activity. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.2	0