Elwira Sieniawska

List of Publications by Citations

59 papers	712 citations	16 h-index	24 g-index
68 ext. papers	958 ext. citations	4.1 avg, IF	4.65 L-index

#	Paper	IF	Citations
59	Recovery of Natural Antioxidants from Agro-Industrial Side Streams through Advanced Extraction Techniques. *Molecules*, **2019**, 24,	4.8	53
58	Effect of polyamidoamine dendrimer G3 and G4 on skin permeation of 8-methoxypsoralene--in vivo study. *International Journal of Pharmaceutics*, **2012**, 426, 280-283	6.5	51
57	Fruits By-Products - A Source of Valuable Active Principles. A Short Review. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 319	5.8	43
56	Tannins **2017**, 199-232		32
55	Application of mixture design for optimum antioxidant activity of mixtures of essential oils from Ocimum basilicum L., Origanum majorana L. and Rosmarinus officinalis L.. *Industrial Crops and Products*, **2018**, 115, 52-61	5.9	29
54	Major secondary metabolites of Iris spp.. *Phytochemistry Reviews*, **2015**, 14, 51-80	7.7	28
53	Natural Terpenes Influence the Activity of Antibiotics against Isolated Mycobacterium tuberculosis. *Medical Principles and Practice*, **2017**, 26, 108-112	2.1	28
52	Activities of Tannins □rom in Vitro Studies to Clinical Trials. *Natural Product Communications*, **2015**, 10, 1934578X1501001	0.9	28
51	Innovative Approaches for Recovery of Phytoconstituents from Medicinal/Aromatic Plants and Biotechnological Production. *Molecules*, **2020**, 25,	4.8	27
50	Transdermal delivery of 8-methoxypsoralene mediated by polyamidoamine dendrimer G2.5 and G3.5--in vitro and in vivo study. *International Journal of Pharmaceutics*, **2012**, 436, 764-70	6.5	27
49	Carrot seed essential oil□ource of carotol and cytotoxicity study. *Industrial Crops and Products*, **2016**, 92, 109-115	5.9	23
48	The Effect of Combining Natural Terpenes and Antituberculous Agents against Reference and Clinical Mycobacterium tuberculosis Strains. *Molecules*, **2018**, 23,	4.8	21
47	Antimicrobial efficacy of Mutellina purpurea essential oil and □-pinene against Staphylococcus epidermidis grown in planktonic and biofilm cultures. *Industrial Crops and Products*, **2013**, 51, 152-157	5.9	21
46	Antimycobacterial Activity of Cinnamaldehyde in a (H37Ra) Model. *Molecules*, **2018**, 23,	4.8	20
45	Phenolic acids content, antioxidant and antimicrobial activity of Ligusticum mutellina L. *Natural Product Research*, **2013**, 27, 1108-10	2.3	18
44	Osthole induces apoptosis, suppresses cell-cycle progression and proliferation of cancer cells. *Anticancer Research*, **2014**, 34, 6473-80	2.3	17
43	Antioxidant abilities, key enzyme inhibitory potential and phytochemical profile of Tanacetum poteriifolium Grierson. *Industrial Crops and Products*, **2019**, 140, 111629	5.9	16

42	Natural Macromolecules as Carriers for Essential Oils: From Extraction to Biomedical Application. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 563	5.8	15
41	Nigella damascena L. Essential Oil-A Valuable Source of Elemene for Antimicrobial Testing. *Molecules*, **2018**, 23,	4.8	15
40	Cytotoxicity, antioxidant activity and an effect on CYP3A4 and CYP2D6 of Mutellina purpurea L. extracts. *Food and Chemical Toxicology*, **2013**, 52, 188-92	4.7	14
39	Nigella damascena L. essential oil and its main constituents, damascenine and elemene modulate inflammatory response of human neutrophils ex vivo. *Food and Chemical Toxicology*, **2019**, 125, 161-169	4.7	13
38	Morphological Changes in the Overall Mycobacterium tuberculosis H37Ra Cell Shape and Cytoplasm Homogeneity due to Mutellina purpurea L. Essential Oil and Its Main Constituents. *Medical Principles and Practice*, **2015**, 24, 527-32	2.1	11
37	Microemulsions of essentials oils - Increase of solubility and antioxidant activity or cytotoxicity?. *Food and Chemical Toxicology*, **2019**, 129, 115-124	4.7	10
36	Protective effect of Mutellina purpurea polyphenolic compounds in doxorubicin-induced toxicity in H9c2 cardiomyocytes. *Drug and Chemical Toxicology*, **2015**, 38, 1-8	2.3	9
35	Chitosan-Coating Effect on the Characteristics of Liposomes: A Focus on Bioactive Compounds and Essential Oils: A Review. *Processes*, **2021**, 9, 445	2.9	9
34	Phytochemistry and biological activities of Polemonium caeruleum L.. *Phytochemistry Letters*, **2019**, 30, 314-323	1.9	8
33	Untargetted Metabolomic Exploration of the Stress Response to Cinnamon Essential Oil. *Biomolecules*, **2020**, 10,	5.9	8
32	GC-MS analysis of essential oils from Salvia officinalis L.: comparison of extraction methods of the volatile components. *Acta Poloniae Pharmaceutica*, **2013**, 70, 35-40	1.3	8
31	Chemical Characterization and Bioactive Properties of Different Extracts from , an Unexplored Plant Food. *Foods*, **2020**, 9,	4.9	7
30	Thin-layer chromatography fingerprint, antioxidant activity, and gas chromatography mass spectrometry profiling of several Origanum L. species. *Journal of Planar Chromatography - Modern TLC*, **2017**, 30, 386-391	0.9	7
29	The frequently occurring components of essential oils beta elemene and R-limonene alter expression of dprE1 and clgR genes of Mycobacterium tuberculosis H37Ra. *Food and Chemical Toxicology*, **2018**, 112, 145-149	4.7	7
28	Plant-based Food Products for Antimycobacterial Therapy. *EFood*, **2020**, 1, 199	1.9	7
27	Utilisation of Rhododendron luteum Sweet bioactive compounds as valuable source of enzymes inhibitors, antioxidant, and anticancer agents. *Food and Chemical Toxicology*, **2020**, 135, 111052	4.7	6
26	LC-ESI-QTOF-MS/MS Analysis, Cytotoxic, Antiviral, Antioxidant, and Enzyme Inhibitory Properties of Four Extracts of Burm. f.: A Good Gift from the Natural Treasure. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	6
25	The essential oils from Ligusticum mutellina of polish origin and the chemical relationship of its root essential oil with other Ligusticum species. *Biochemical Systematics and Ecology*, **2013**, 49, 125-130	1.4	5

24	Isolation of chlorogenic acid from Mutellina purpurea L. herb using high-performance counter-current chromatography. *Natural Product Research*, **2014**, 28, 1936-9	2.3	5
23	LC-QTOF-MS Analysis and Activity Profiles of Popular Antioxidant Dietary Supplements in Terms of Quality Control. *Oxidative Medicine and Cellular Longevity*, **2017**, 2017, 8692516	6.7	4
22	Chemical composition, biological properties and bioinformatics analysis of two Caesalpina species: A new light in the road from nature to pharmacy shelf. *Journal of Pharmaceutical and Biomedical Analysis*, **2021**, 198, 114018	3.5	4
21	Fritillaria thunbergii Miq. (Zhe Beimu): A review on its traditional uses, phytochemical profile and pharmacological properties. *Food and Chemical Toxicology*, **2021**, 153, 112289	4.7	4
20	EFFECTIVENESS OF THE DERYNG AND CLEVENGER-TYPE APPARATUS IN ISOLATION OF VARIOUS TYPES OF COMPONENTS OF ESSENTIAL OIL FROM THE MUTELINA PURPUREA THELL. FLOWERS. *Acta Poloniae Pharmaceutica*, **2015**, 72, 507-15	1.3	4
19	TLC-DPPH□ctivity-guided separation and LC-DAD-MS identification of antioxidant compounds fromMutellina purpureaL. herb. *Acta Chromatographica*, **2016**, 28, 51-58	1.5	3
18	Apiaceae Essential Oils: Boosters of Terbinafine Activity against Dermatophytes and Potent Anti-Inflammatory Effectors. *Plants*, **2021**, 10,	4.5	3
17	Metabolomics: towards acceleration of antibacterial plant-based leads discovery. *Phytochemistry Reviews*,1	7.7	3
16	Current advances of endophytes as a platform for production of anti-cancer drug camptothecin. *Food and Chemical Toxicology*, **2021**, 151, 112113	4.7	3
15	Comparative analysis of metabolic variations, antioxidant potential and cytotoxic effects in different parts of Chelidonium majus L. *Food and Chemical Toxicology*, **2021**, 156, 112483	4.7	3
14	Phytochemical Insights into Extracts and Their Biological Activity.. *Molecules*, **2022**, 27,	4.8	3
13	Influence of extraction methods on the recovery of astragaloside IV from the roots of Astragalus mongholicus in Soxhlet- and Twisselmann-type apparatus. *Open Chemistry*, **2015**, 13,	1.6	2
12	Biological active ingredients of Astragali Radix and its mechanisms in treating cardiovascular and cerebrovascular diseases.. *Phytomedicine*, **2022**, 98, 153918	6.5	2
11	Imperatorin □pharmacological effects and possible implication in pharmacotherapy. *Current Issues in Pharmacy and Medical Sciences*, **2012**, 25, 80-87	0.5	2
10	Phytochemical Profile and Biological Activities of the Extracts from Two Species (and).. *Pharmaceuticals*, **2021**, 15,	5.2	2
9	Unveiling the Phytochemical Profile and Biological Potential of Five Artemisia Species. *Antioxidants*, **2022**, 11, 1017	7.1	2
8	Recent advances in metabolomic analyses of berry fruits and their in vivo metabolites. *Journal of Berry Research*, **2021**, 1-23	2	1
7	Procyanidins in Food **2020**, 1-40		1

6	Usnic Acid Treatment Changes the Composition of Mycobacterium tuberculosis Cell Envelope and Alters Bacterial Redox Status. *MSystems*, **2021**, 6,	7.6	1
5	Extracts from Pulsatilla patens target cancer-related signaling pathways in HeLa cells. *Scientific Reports*, **2021**, 11, 10654	4.9	1
4	The use of a freeze-dried extract of Ligusticum mutellina in a cosmetic cream with potential antioxidant properties. *Current Issues in Pharmacy and Medical Sciences*, **2016**, 29, 155-157	0.5	
3	Procyanidins in Food **2021**, 1783-1821		
2	Tanshinones from Salvia miltiorrhiza inhibit Mycobacterium tuberculosis via disruption of the cell envelope surface and oxidative stress. *Food and Chemical Toxicology*, **2021**, 156, 112405	4.7	
1	Advanced techniques for recovery of active compounds from food by-products **2021**, 693-710		