

Katalin Szabo

List of Publications by Year in descending order

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26
papers

1,023
citations

567247

15
h-index

677123

22
g-index

27
all docs

27
docs citations

27
times ranked

1011
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive potential of fruit and vegetable wastes. <i>Advances in Food and Nutrition Research</i> , 2020, 91, 157-225.	3.0	146
2	Bioactive Compounds Extracted from Tomato Processing by-Products as a Source of Valuable Nutrients. <i>Plant Foods for Human Nutrition</i> , 2018, 73, 268-277.	3.2	136
3	Active Packaging of Poly(Vinyl Alcohol) Films Enriched with Tomato By-Products Extract. <i>Coatings</i> , 2020, 10, 141.	2.6	81
4	Gut Imbalance Imbalances the Brain: A Review of Gut Microbiota Association With Neurological and Psychiatric Disorders. <i>Frontiers in Medicine</i> , 2022, 9, 813204.	2.6	80
5	Screening of Ten Tomato Varieties Processing Waste for Bioactive Components and Their Related Antioxidant and Antimicrobial Activities. <i>Antioxidants</i> , 2019, 8, 292.	5.1	69
6	Phenolic Compounds from Five Ericaceae Species Leaves and Their Related Bioavailability and Health Benefits. <i>Molecules</i> , 2019, 24, 2046.	3.8	69
7	Coronavirus Disease (COVID-19) Caused by (SARS-CoV-2) Infections: A Real Challenge for Human Gut Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 575559.	3.9	63
8	Antimicrobial and antioxidant properties of tomato processing byproducts and their correlation with the biochemical composition. <i>LWT - Food Science and Technology</i> , 2019, 116, 108558.	5.2	55
9	Evaluation of the Bioactive Compounds Found in Tomato Seed Oil and Tomato Peels Influenced by Industrial Heat Treatments. <i>Foods</i> , 2021, 10, 110.	4.3	51
10	3D Food Printing: Principles of Obtaining Digitally-Designed Nourishment. <i>Nutrients</i> , 2021, 13, 3617.	4.1	39
11	Poly(vinyl alcohol)-Based Biofilms Plasticized with Polyols and Colored with Pigments Extracted from Tomato By-Products. <i>Polymers</i> , 2020, 12, 532.	4.5	37
12	Applicability of Agro-Industrial By-Products in Intelligent Food Packaging. <i>Coatings</i> , 2020, 10, 550.	2.6	36
13	Bioaccessibility of microencapsulated carotenoids, recovered from tomato processing industrial by-products, using in vitro digestion model. <i>LWT - Food Science and Technology</i> , 2021, 152, 112285.	5.2	31
14	Evaluation of genetic fidelity of in vitro-propagated blackberry plants using RAPD and SRAP molecular markers. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2020, 47, 21-27.	0.9	23
15	Carotenoid Recovery from Tomato Processing By-Products through Green Chemistry. <i>Molecules</i> , 2022, 27, 3771.	3.8	22
16	Microencapsulation and Bioaccessibility of Phenolic Compounds of Vaccinium Leaf Extracts. <i>Antioxidants</i> , 2022, 11, 674.	5.1	18
17	A New Generation of Probiotic Functional Beverages Using Bioactive Compounds From Agro-Industrial Waste. , 2019, , 483-528.		15
18	Micropropagation, Genetic Fidelity and Phenolic Compound Production of <i>Rheum rhabarbarum</i> L.. <i>Plants</i> , 2020, 9, 656.	3.5	12

#	ARTICLE	IF	CITATIONS
19	Removal of bacteria, viruses, and other microbial entities by means of nanoparticles. , 2020, , 465-491.		10
20	Genetic Diversity and Population Structure of Plum Accessions from a Romanian Germplasm Collection Assessed by Simple Sequence Repeat (SSR) Markers. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2017, 46, 90-96.	1.1	9
21	Genetic diversity of <i>Acer pseudoplatanus</i> L. populations from Transylvania. Revista Brasileira De Botanica, 2019, 42, 643-650.	1.3	5
22	Assessment of Genetic Relationships between <i>Streptocarpus x hybridus</i> V. Parents and F1 Progenies Using SRAP Markers and FT-IR Spectroscopy. Plants, 2020, 9, 160.	3.5	5
23	Assessment of Genetic Diversity and Population Structure of the Endangered <i>Astragalus exscapus</i> subsp. <i>transsilvanicus</i> through DNA-Based Molecular Markers. Plants, 2021, 10, 2732.	3.5	5
24	The Current Status of Germplum Database: a Tool for Characterization of Plum Genetic Resources in Romania. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2016, 73, 240.	0.1	3
25	76. Sustainable use of agro-industrial wastes for feeding 10 billion people by 2050. , 2018, , .		3
26	Selection of DNA Isolation Method and PCR Protocol for the Study of Endemic <i>Astragalus exscapus</i> L. ssp. <i>Transsilvanicus</i> (Schur) NyÅ¡r. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2015, 72, .	0.1	0