

Anita S Klaus

List of Publications by Year in descending order

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52
papers

1,623
citations

430874

18
h-index

302126

39
g-index

53
all docs

53
docs citations

53
times ranked

1882
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidative and immunomodulating activities of polysaccharide extracts of the medicinal mushrooms <i>Agaricus bisporus</i> , <i>Agaricus brasiliensis</i> , <i>Ganoderma lucidum</i> and <i>Phellinus linteus</i> . <i>Food Chemistry</i> , 2011, 129, 1667-1675.	8.2	348
2	Antioxidants of Edible Mushrooms. <i>Molecules</i> , 2015, 20, 19489-19525.	3.8	239
3	Antioxidative activities and chemical characterization of polysaccharide extracts from the widely used mushrooms <i>Ganoderma applanatum</i> , <i>Ganoderma lucidum</i> , <i>Lentinus edodes</i> and <i>Trametes versicolor</i> . <i>Journal of Food Composition and Analysis</i> , 2012, 26, 144-153.	3.9	214
4	Antioxidative activities and chemical characterization of polysaccharides extracted from the basidiomycete <i>Schizophyllum commune</i> . <i>LWT - Food Science and Technology</i> , 2011, 44, 2005-2011.	5.2	98
5	Biological potential of extracts of the wild edible Basidiomycete mushroom <i>Grifola frondosa</i> . <i>Food Research International</i> , 2015, 67, 272-283.	6.2	68
6	Nutraceutical properties of the methanolic extract of edible mushroom <i>Cantharellus cibarius</i> (Fries): primary mechanisms. <i>Food and Function</i> , 2015, 6, 1875-1886.	4.6	53
7	Polysaccharides of higher fungi: Biological role, structure, and antioxidative activity. <i>Hemijaska Industrija</i> , 2014, 68, 305-320.	0.7	50
8	Application of quality function deployment on shelf-life analysis of <i>Agaricus bisporus</i> Portobello. <i>LWT - Food Science and Technology</i> , 2017, 78, 82-89.	5.2	41
9	The edible mushroom <i>Laetiporus sulphureus</i> as potential source of natural antioxidants. <i>International Journal of Food Sciences and Nutrition</i> , 2013, 64, 599-610.	2.8	36
10	Antimicrobial activity of chitosan coatings and films against <i>Listeria monocytogenes</i> on black radish. <i>Revista Argentina De Microbiologia</i> , 2016, 48, 128-136.	0.7	35
11	Optimisation of biomass, exopolysaccharide and intracellular polysaccharide production from the mycelium of an identified <i>Ganoderma lucidum</i> strain QRS 5120 using response surface methodology. <i>AIMS Microbiology</i> , 2019, 5, 19-38.	2.2	34
12	Total quality index of <i>Agaricus bisporus</i> mushrooms packed in modified atmosphere. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3013-3021.	3.5	28
13	Dietary polysaccharide extracts of <i>Agaricus brasiliensis</i> fruiting bodies: chemical characterization and bioactivities at different levels of purification. <i>Food Research International</i> , 2014, 64, 53-64.	6.2	27
14	Efficient biomass-exopolysaccharide production from an identified wild-Serbian <i>Ganoderma lucidum</i> strain BGF4A1 mycelium in a controlled submerged fermentation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101305.	3.1	26
15	Pellet diameter and morphology of European <i>Ganoderma pfeifferi</i> in a repeated-batch fermentation for exopolysaccharide production. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101118.	3.1	24
16	Performance of wild-Serbian <i>Ganoderma lucidum</i> mycelium in treating synthetic sewage loading using batch bioreactor. <i>Scientific Reports</i> , 2019, 9, 16109.	3.3	24
17	The Effect of <i>Cantharellus Cibarius</i> Addition on Quality Characteristics of Frankfurter during Refrigerated Storage. <i>Foods</i> , 2019, 8, 635.	4.3	23
18	<i>Ganoderma lucidum</i> as a cosmeceutical: Antiradical potential and inhibitory effect on hyperpigmentation and skin extracellular matrix degradation enzymes. <i>Archives of Biological Sciences</i> , 2019, 71, 253-264.	0.5	21

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19	Biological potential of puffballs: A comparative analysis. Journal of Functional Foods, 2016, 21, 36-49.	3.4	18
20	Polysaccharides of <i>Pleurotus flabellatus</i> strain Mynuk produced by submerged fermentation as a promising novel tool against adhesion and biofilm formation of foodborne pathogens. LWT - Food Science and Technology, 2019, 112, 108221.	5.2	17
21	Antifungal-demelanizing properties and RAW264.7 macrophages stimulation of glucan sulfate from the mycelium of the mushroom <i>Ganoderma lucidum</i> . Food Science and Biotechnology, 2017, 26, 159-165.	2.6	16
22	Did the Iceman Know Better? Screening of the Medicinal Properties of the Birch Polypore Medicinal Mushroom, <i>Piptoporus betulinus</i> (Higher Basidiomycetes). International Journal of Medicinal Mushrooms, 2015, 17, 1113-1125.	1.5	14
23	Total quality index of commercial oyster mushroom <i>Pleurotus sapidus</i> in modified atmosphere packaging. British Food Journal, 2019, 121, 1871-1883.	2.9	13
24	Application of porcini mushroom (<i>Boletus edulis</i>) to improve the quality of frankfurters. Journal of Food Processing and Preservation, 2020, 44, e14556.	2.0	13
25	Effect of modified atmosphere packaging on selected functional characteristics of <i>Agaricus bisporus</i> . European Food Research and Technology, 2021, 247, 829-838.	3.3	13
26	Influence of the extracts isolated from <i>Ganoderma lucidum</i> mushroom on some microorganisms. Zbornik Matice Srpske Za Prirodne Nauke, 2007, , 219-226.	0.1	12
27	Antiproliferative and antibacterial activity of some glutarimide derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 915-923.	5.2	12
28	Antimicrobial Activity of Chitosan Films With Essential Oils Against <i>Listeria monocytogenes</i> on Cabbage. Jundishapur Journal of Microbiology, 2016, 9, e34804.	0.5	10
29	Challenging the difference between white and brown <i>Agaricus bisporus</i> mushrooms. British Food Journal, 2018, 120, 1381-1394.	2.9	10
30	Health impact of the commercially cultivated mushroom <i>Agaricus bisporus</i> and wild-growing mushroom <i>Ganoderma resinaceum</i> - a comparative overview. Journal of the Serbian Chemical Society, 2020, 85, 721-735.	0.8	10
31	WHEAT STRAW – A PROMISING SUBSTRATE FOR <i>Ganoderma lucidum</i> CULTIVATION. Acta Scientiarum Polonorum, Hortorum Cultus, 2018, 17, 13-22.	0.6	8
32	The influence of grape pomace substrate on quality characterization of <i>Pleurotus ostreatus</i> – Total quality index approach. Journal of Food Processing and Preservation, 2021, 45, .	2.0	7
33	Efficient biomass-endopolysaccharide production from an identified wild-Serbian <i>Ganoderma applanatum</i> strain BGS6Ap mycelium in a controlled submerged fermentation. Biocatalysis and Agricultural Biotechnology, 2021, 37, 102166.	3.1	7
34	Safety of Foods Based on Mushrooms. , 2016, , 421-439.		6
35	Growth and fruit body formation of <i>Pleurotus ostreatus</i> on media supplemented with inorganic selenium. Zbornik Matice Srpske Za Prirodne Nauke, 2009, , 209-215.	0.1	6
36	The impact of puffball autolysis on selected chemical and biological properties: Puffball extracts as potential ingredients of skin-care products. Archives of Biological Sciences, 2019, 71, 721-733.	0.5	5

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37	The role of <i>Gentiana lutea</i> extracts in reducing UV-induced DNA damage. <i>Mutagenesis</i> , 2023, 38, 71-80.	2.6	5
38	Pink oyster mushroom <i>Pleurotus flabellatus</i> mycelium produced by an airlift bioreactor – the evidence of potent in vitro biological activities. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 17.	3.6	4
39	Immobilization of Chaga extract in alginate beads for modified release: Simplicity meets efficiency. <i>Hemjska Industrija</i> , 2019, 73, 325-335.	0.7	4
40	Antibacterial activity of aromatic plants essential oils from Serbia against the <i>Listeria monocytogenes</i> . <i>Journal of Agricultural Sciences (Belgrade)</i> , 2009, 54, 95-104.	0.3	4
41	Addition of Zeolites to Improve the Functional Characteristics of the Hen of the Wood or Maitake Medicinal Mushroom, <i>Grifola frondosa</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 781-792.	1.5	3
42	Antioxidant activities of herbs, fruit and medicinal mushroom <i>Ganoderma lucidum</i> extracts produced by microfiltration process. <i>Journal of Agricultural Sciences (Belgrade)</i> , 2009, 54, 45-62.	0.3	3
43	Influence of ethereal oils extracted from Lamiaceae family plants on some pathogen microorganisms. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2008, , 65-74.	0.1	3
44	The influence of mushroom <i>Coriolus versicolor</i> and hazelnuts enrichment on antioxidant activities and bioactive content of dark chocolate. <i>Food and Feed Research</i> , 2020, 47, 23-32.	0.5	3
45	Antioxidant activity of water extracts from fruit body of <i>Lentinus edodes</i> enriched with selenium. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2011, , 307-314.	0.1	2
46	Zeolites as possible biofortifiers in Maitake cultivation. <i>Archives of Biological Sciences</i> , 2014, 66, 123-129.	0.5	2
47	Antioxidant properties of hot water extracts from carpophore and spores of mushroom <i>Ganoderma lucidum</i> . <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2011, , 279-288.	0.1	1
48	Influence of bioactive compounds extracted from mushroom <i>Ganoderma lucidum</i> on B and T cells. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2009, , 217-223.	0.1	1
49	Influence of structural features on immunostimulating activity of glucans extracted from <i>Agaricus blazei</i> mushroom. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2009, , 225-233.	0.1	1
50	Application of chitosan films in the quality control of fresh shredded vegetables. <i>Hrana I Ishrana</i> , 2016, 57, 29-36.	0.2	1
51	Extract from wild strain of mushroom <i>Ganoderma lucidum</i> as natural antioxidant. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2011, , 289-297.	0.1	0
52	Impact of grape pomace as a cultivation substrate on the <i>Pleurotus ostreatus</i> chemical and biological properties. <i>Acta Periodica Technologica</i> , 2021, , 25-32.	0.2	0