

# Kamila Rybczyńska

## List of Publications by Year in descending order

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38  
papers

1,003  
citations

623188

14  
h-index

433756

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selected species of edible insects as a source of nutrient composition. Food Research International, 2015, 77, 460-466.	2.9	267
2	Current Trends of Bioactive Peptides—New Sources and Therapeutic Effect. Foods, 2020, 9, 846.	1.9	127
3	Stevia Rebaudiana Bert. Leaf Extracts as a Multifunctional Source of Natural Antioxidants. Molecules, 2015, 20, 5468-5486.	1.7	95
4	Decolorization and biodegradation of melanoidin contained in beet molasses by an anamorphic strain of Bjerkandera adusta CCBAS930 and its mutants. World Journal of Microbiology and Biotechnology, 2021, 37, 1.	1.7	88
5	Characterization of Active Compounds of Different Garlic ( <i>Allium sativum</i> L.) Cultivars. Polish Journal of Food and Nutrition Sciences, 2018, 68, 73-81.	0.6	48
6	Tetrabromobisphenol A (TBBPA)-stimulated reactive oxygen species (ROS) production in cell-free model using the 2,7-dichlorodihydrofluorescein diacetate (H2DCFDA) assay—limitations of method. Environmental Science and Pollution Research, 2016, 23, 12246-12252.	2.7	46
7	The influence of heat treatment of chickpea seeds on antioxidant and fibroblast growth—stimulating activity of peptide fractions obtained from proteins digested under simulated gastrointestinal conditions. International Journal of Food Science and Technology, 2015, 50, 2097-2103.	1.3	29
8	Biosorption optimization and equilibrium isotherm of industrial dye compounds in novel strains of microscopic fungi. International Journal of Environmental Science and Technology, 2016, 13, 2837-2846.	1.8	21
9	Comparative study of eco- and cytotoxicity during biotransformation of anthraquinone dye Alizarin Blue Black B in optimized cultures of microscopic fungi. Ecotoxicology and Environmental Safety, 2018, 147, 776-787.	2.9	21
10	Biotransformation and ecotoxicity evaluation of alkali lignin in optimized cultures of microscopic fungi. International Biodeterioration and Biodegradation, 2017, 117, 131-140.	1.9	19
11	Cytotoxic effects of two extracts from garlic ( <i>Allium sativum</i> L.) cultivars on the human squamous carcinoma cell line SCC-15. Saudi Journal of Biological Sciences, 2018, 25, 1703-1712.	1.8	18
12	Characteristics of New Peptides GQLGEHGGAGMG, GEHGGAGMGGGQFQPV, EQGFLPGPEESGR, RLARAGLAQ, YGNPVGGVGH, and GNPVGGVGHGTTGT as Inhibitors of Enzymes Involved in Metabolic Syndrome and Antimicrobial Potential. Molecules, 2020, 25, 2492.	1.7	18
13	Anthraquinone dyes decolorization capacity of anamorphic Bjerkandera adusta CCBAS 930 strain and its HRP-like negative mutants. World Journal of Microbiology and Biotechnology, 2014, 30, 1725-1736.	1.7	17
14	Biotransformation and toxicity effect of monoanthraquinone dyes during Bjerkandera adusta CCBAS 930 cultures. Ecotoxicology and Environmental Safety, 2020, 191, 110203.	2.9	16
15	Biological and anticancer properties of Inonotus obliquus extracts. Process Biochemistry, 2018, 73, 180-187.	1.8	15
16	The application of different <i>Stevia rebaudiana</i> leaf extracts in the green synthesis of AgNPs. Green Chemistry Letters and Reviews, 2015, 8, 78-87.	2.1	14
17	Effect of Jasmonic Acid, Yeast Extract Elicitation, and Drying Methods on the Main Bioactive Compounds and Consumer Quality of Lovage ( <i>Levisticum officinale</i> Koch). Foods, 2020, 9, 323.	1.9	14
18	Evaluation of Dye Compounds™ Decolorization Capacity of Selected <i>H. haematococca</i> and <i>T. harzianum</i> Strains by Principal Component Analysis (PCA). Water, Air, and Soil Pollution, 2015, 226, 228.	1.1	11

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19	Activities of Versatile Peroxidase in Cultures of <i>Clonostachys rosea</i> f. <i>catenulata</i> and <i>Clonostachys rosea</i> f. <i>rosea</i> during Biotransformation of Alkali Lignin. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1415-1421.	0.7	11
20	The Influence of <i>Hypericum perforatum</i> L. Addition to Wheat Cookies on Their Antioxidant, Anti-Metabolic Syndrome, and Antimicrobial Properties. <i>Foods</i> , 2021, 10, 1379.	1.9	11
21	Application of growth tests employing a $\Gamma^{\text{SOD1}}$ mutant of <i>Saccharomyces cerevisiae</i> to study the antioxidant activity of berry fruit extracts. <i>LWT - Food Science and Technology</i> , 2018, 94, 96-102.	2.5	10
22	In vitro Antioxidant, Anti-inflammatory, Anti-metabolic Syndrome, Antimicrobial, and Anticancer Effect of Phenolic Acids Isolated from Fresh Lovage Leaves [ <i>Levisticum officinale</i> Koch] Elicited with Jasmonic Acid and Yeast Extract. <i>Antioxidants</i> , 2020, 9, 554.	2.2	10
23	Biochemical properties, UV-protecting and fibroblast growth-stimulating activity of <i>Plantago lanceolata</i> L. extracts. <i>Industrial Crops and Products</i> , 2019, 138, 111453.	2.5	9
24	Growth conditions, physiological properties, and selection of optimal parameters of biodegradation of anticancer drug daunomycin in industrial effluents by <i>Bjerkandera adusta</i> CCBAS930. <i>International Microbiology</i> , 2020, 23, 287-301.	1.1	9
25	Potential Acetylcholinesterase, Lipase, $\beta$ -Glucosidase, and $\alpha$ -Amylase Inhibitory Activity, as well as Antimicrobial Activities, of Essential Oil from Lettuce Leaf Basil ( <i>Ocimum basilicum</i> L.) Elicited with Jasmonic Acid. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4315.	1.3	8
26	Characterisation of Biologically Active Hydrolysates and Peptide Fractions of Vacuum Packaging String Bean ( <i>Phaseolus Vulgaris</i> L.). <i>Foods</i> , 2020, 9, 842.	1.9	8
27	Decolorization of Remazol Brilliant Blue (RBBR) and Poly R-478 dyes by <i>Bjerkandera adusta</i> CCBAS 930. <i>Open Life Sciences</i> , 2012, 7, 948-956.	0.6	7
28	The interference of alpha- and beta-naphthoflavone with triclosan effects on viability, apoptosis and reactive oxygen species production in mouse neocortical neurons. <i>Pesticide Biochemistry and Physiology</i> , 2020, 168, 104638.	1.6	6
29	The Influence of Millet Flour on Antioxidant, Anti-ACE, and Anti-Microbial Activities of Wheat Wafers. <i>Foods</i> , 2020, 9, 220.	1.9	5
30	Induction of Cyp450 enzymes by 4-thiazolidinone-based derivatives in 3T3-L1 cells in vitro. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 915-927.	1.4	5
31	Possibility to Biotransform Anthracyclines by Peroxidases Produced by <i>Bjerkandera adusta</i> CCBAS 930 with Reduction of Geno- and Cytotoxicity and Pro-Oxidative Activity. <i>Molecules</i> , 2021, 26, 462.	1.7	5
32	Biodecolorization of anthraquinone dyes using immobilised mycelium of <i>Bjerkandera adusta</i> CCBAS930. <i>E3S Web of Conferences</i> , 2020, 171, 01013.	0.2	3
33	Resazurin Method for Evaluation of Bioactive Compounds from Cranberry Extracts Using the Metabolic Activity of a $\Gamma^{\text{SOD1}}$ Mutant of <i>Saccharomyces cerevisiae</i> Yeast Under Severe Osmotic Stress. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 422-427.	0.7	3
34	The Influence of Household Wastewater Treatment Plants with Drainage System on the Quality of Groundwater in the Lublin Province, Poland. <i>Journal of Ecological Engineering</i> , 2021, 22, 18-39.	0.5	3
35	COMPARING SELECTED BIOLOGICAL PROPERTIES OF GARLIC ( <i>ALLIUM SATIVUM</i> L.) FROM POLAND AND CHINA. <i>Zywnosc Nauka Technologia Jakosc/Food Science Technology Quality</i> , 2015, 21, .	0.1	3
36	Influence of Elicitation and Drying Methods on Anti-Metabolic Syndrome, and Antimicrobial Properties of Extracts and Hydrolysates Obtained from Elicited Lovage ( <i>Levisticum officinale</i> Koch). <i>Nutrients</i> , 2021, 13, 4365.	1.7	2

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37	Enhanced Efficiency of the Removal of Cytostatic Anthracycline Drugs Using Immobilized Mycelium of <i>Bjerkandera adusta</i> CCBAS 930. <i>Molecules</i> , 2021, 26, 6842.	1.7	1
38	Assessment of the Influence of Anthropogenic Pollution on Water Quality of the Ciemiągga River. <i>Journal of Ecological Engineering</i> , 2021, 22, 143-155.	0.5	0