

# Daniela Chmelová

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

330  
citations

1040056

9  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of Synthetic Dyes by Laccases – A Mini-Review. <i>Nova Biotechnologica Et Chimica</i> , 2016, 15, 90-106.	0.1	70
2	Decolourization and detoxification of monoazo dyes by laccase from the white-rot fungus <i>Trametes versicolor</i> . <i>Journal of Biotechnology</i> , 2018, 285, 84-90.	3.8	54
3	Ultrasonic-assisted extraction of polyphenols and antioxidants from <i>Picea abies</i> bark. <i>Journal of Biotechnology</i> , 2020, 314-315, 25-33.	3.8	36
4	Purification and characterization of extracellular laccase produced by <i>Ceriporiopsis subvermispore</i> and decolorization of triphenylmethane dyes. <i>Journal of Basic Microbiology</i> , 2016, 56, 1173-1182.	3.3	26
5	The production of laccases by white-rot fungi under solid-state fermentation conditions. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, 21.	3.6	23
6	Diversity of sialidases found in the human body – A review. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 857-868.	7.5	21
7	The TLC-Bioautography as a Tool for Rapid Enzyme Inhibitors detection - A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 275-293.	3.5	17
8	Effect Of Metal Ions On Triphenylmethane Dye Decolorization By Laccase From <i>Trametes Versicolor</i> . <i>Nova Biotechnologica Et Chimica</i> , 2015, 14, 191-200.	0.1	15
9	Comparison of efficiency for monoazo dye removal by different species of white-rot fungi. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 21-32.	3.5	11
10	The optimization of propagation medium for the increase of laccase production by the white-rot fungus <i>Pleurotus ostreatus</i> . <i>Nova Biotechnologica Et Chimica</i> , 2017, 16, 113-123.	0.1	9
11	TLC-Bioautography as a fast and cheap screening method for the detection of $\pm$ -chymotrypsin inhibitors in crude plant extracts. <i>Journal of Biotechnology</i> , 2020, 313, 11-17.	3.8	9
12	ANTIOXIDANT ACTIVITY IN NAKED AND HULLED OAT ( <i>AVENA SATIVA</i> L.) VARIETIES. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2015, 4, 63-65.	0.8	8
13	REPEATED-BATCH PRODUCTION OF LACCASE BY <i>CERIPORIOPSIS SUBVERMISPORA</i> . <i>Nova Biotechnologica Et Chimica</i> , 2013, 12, 120-128.	0.1	6
14	Optimization of Propagation Medium for Enhanced Polyhydroxyalkanoate Production by <i>Pseudomonas oleovorans</i> . <i>Fermentation</i> , 2022, 8, 16.	3.0	6
15	Influence of cultivation conditions on production of lignocellulolytic enzymes by <i>Ceriporiopsis subvermispore</i> . <i>Biologia (Poland)</i> , 2011, 66, 748-754.	1.5	5
16	Antioxidant activity and polyphenol content in milling fractions of purple wheat. <i>Cereal Research Communications</i> , 2014, 42, 578-588.	1.6	5
17	Purification of viral neuraminidase from inclusion bodies produced by recombinant <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2020, 316, 27-34.	3.8	4
18	Optimization of an Inclusion Body-Based Production of the Influenza Virus Neuraminidase in <i>Escherichia coli</i> . <i>Biomolecules</i> , 2022, 12, 331.	4.0	4

#	ARTICLE	IF	CITATIONS
19	Microbial xylanases and their inhibition by specific proteins in cereals. Kvasn½ PrÅmysl, 2019, 65, .	0.2	1
20	Biotechnology as a tool for complex utilization of plant biomass. Journal of Biotechnology, 2018, 280, S10.	3.8	0
21	Lime pretreatment optimization of wheat straw to improve ethanol production by Saccharomyces cerevisiae and its validation. Journal of Microbiology, Biotechnology and Food Sciences, 2015, 04, 45-47.	0.8	0