

# Zdenka Hromdkov

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

1,220

citations

20

h-index

29

g-index

29

ext. papers

1,318

ext. citations

5

avg, IF

4.06

L-index

#	Paper	IF	Citations
28	Structural characteristics and biological effects of exopolysaccharide produced by cyanobacterium <i>Nostoc</i> sp. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 160, 364-371	7.9	13
27	Structural characterisation of polysaccharides from roasted hazelnut skins. <i>Food Chemistry</i> , <b>2019</b> , 286, 179-184	8.5	30
26	Microwave-assisted extraction of pectin from unutilized pumpkin biomass. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2016</b> , 102, 9-15	3.7	29
25	Bioactive hemicelluloses alkali-extracted from <i>Fallopia sachalinensis</i> leaves. <i>Carbohydrate Research</i> , <b>2014</b> , 398, 19-24	2.9	21
24	Non-cellulosic polysaccharides from the leaves of small balsam ( <i>Impatiens parviflora</i> DC.). <i>Carbohydrate Research</i> , <b>2014</b> , 389, 147-53	2.9	29
23	Polysaccharides from the Styrian oil-pumpkin with antioxidant and complement-fixing activity. <i>Industrial Crops and Products</i> , <b>2013</b> , 41, 127-133	5.9	29
22	Structural features of two heteroxylan polysaccharide fractions from wheat bran with anti-complementary and antioxidant activities. <i>Carbohydrate Polymers</i> , <b>2013</b> , 93, 22-30	10.3	80
21	Structural diversity of pectins isolated from the Styrian oil-pumpkin ( <i>Cucurbita pepo</i> var. <i>styriaca</i> ) fruit. <i>Carbohydrate Polymers</i> , <b>2013</b> , 93, 163-71	10.3	63
20	Suppressive effect of pectic polysaccharides from <i>Cucurbita pepo</i> L. var. <i>Styriaca</i> on citric acid-induced cough reflex in guinea pigs. <i>Floterap</i> , <b>2011</b> , 82, 357-64	3.2	25
19	An overview on the application of ultrasound in extraction, separation and purification of plant polysaccharides. <i>Open Chemistry</i> , <b>2010</b> , 8, 243-257	1.6	38
18	Chemical evaluation of <i>Fallopia</i> species leaves and antioxidant properties of their non-cellulosic polysaccharides. <i>Chemical Papers</i> , <b>2010</b> , 64,	1.9	18
17	The pharmacological activity of wheat bran polysaccharides. <i>Floterap</i> , <b>2010</b> , 81, 1037-44	3.2	20
16	Isolation and characterization of pectic polysaccharides from the seeded fruit of oil pumpkin ( <i>Cucurbita pepo</i> L. var. <i>Styriaca</i> ). <i>Industrial Crops and Products</i> , <b>2010</b> , 31, 370-377	5.9	28
15	Chemical evaluation of seeded fruit biomass of oil pumpkin ( <i>Cucurbita pepo</i> L. var. <i>Styriaca</i> ). <i>Chemical Papers</i> , <b>2009</b> , 63,	1.9	16
14	Norway spruce galactoglucomannans exhibiting immunomodulating and radical-scavenging activities. <i>International Journal of Biological Macromolecules</i> , <b>2008</b> , 42, 1-5	7.9	65
13	Weak self-association in a carbohydrate system. <i>Biophysical Journal</i> , <b>2007</b> , 93, 741-9	2.9	45
12	The Structural, Molecular and Functional Properties of Lignin-Containing Beechwood Glucuronoxylan. <i>Macromolecular Symposia</i> , <b>2005</b> , 232, 19-26	0.8	9

11	Effect of salt stress on the production and properties of extracellular polysaccharides produced by <i>Cryptococcus laurentii</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2005</b> , 60, 444-50	1.7	13
10	Degradation of hyaluronan by ultrasonication in comparison to microwave and conventional heating. <i>Carbohydrate Polymers</i> , <b>2005</b> , 61, 420-426	10.3	55
9	Determination of the degree of esterification of pectinates with decyl and benzyl ester groups by diffuse reflectance infrared Fourier transform spectroscopy (DRIFTS) and curve-fitting deconvolution method. <i>Carbohydrate Polymers</i> , <b>2004</b> , 56, 465-469	10.3	87
8	Determination of the degree of esterification of pectinates with decyl and benzyl ester groups by diffuse reflectance infrared Fourier transform spectroscopy (DRIFTS) and curve-fitting deconvolution method. <i>Carbohydrate Polymers</i> , <b>2004</b> , 56, 465-465	10.3	
7	Modification of pectin with UV-absorbing substituents and its effect on the structural and hydrodynamic properties of the water-soluble derivatives. <i>Carbohydrate Polymers</i> , <b>2002</b> , 48, 351-359	10.3	22
6	Carbohydrate polymers from underground parts of <i>Cistanche deserticola</i> . <i>Phytochemistry</i> , <b>1995</b> , 40, 709-715	7.15	12
5	Structural and molecular properties of a water-soluble arabinoxylan-protein complex isolated from rye bran. <i>Carbohydrate Research</i> , <b>1994</b> , 264, 97-109	2.9	37
4	Structural features of a water-soluble L-arabino-D-xylan from rye bran. <i>Carbohydrate Research</i> , <b>1990</b> , 198, 57-66	2.9	62
3	Effect of gamma-radiation on a water-insoluble arabinoxylan. <i>Journal of Applied Polymer Science</i> , <b>1989</b> , 38, 1919-1928	2.9	6
2	Structural features of a rye-bran arabinoxylan with a low degree of branching. <i>Carbohydrate Research</i> , <b>1987</b> , 163, 73-79	2.9	29
1	Hemicellulose1-67		332