

Zuzana Kostalova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural features of two heteroxylan polysaccharide fractions from wheat bran with anti-complementary and antioxidant activities. <i>Carbohydrate Polymers</i> , 2013, 93, 22-30.	10.2	106
2	Comparison of conventional and ultrasound-assisted extraction of phenolics-rich heteroxylans from wheat bran. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 1062-1068.	8.2	102
3	Structural diversity of pectins isolated from the Styrian oil-pumpkin (<i>Cucurbita pepo</i> var. <i>styriaca</i>) fruit. <i>Carbohydrate Polymers</i> , 2013, 93, 163-171.	10.2	83
4	Structural characterisation of polysaccharides from roasted hazelnut skins. <i>Food Chemistry</i> , 2019, 286, 179-184.	8.2	44
5	Microwave-assisted extraction of pectin from unutilized pumpkin biomass. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 102, 9-15.	3.6	42
6	Polysaccharides from the Styrian oil-pumpkin with antioxidant and complement-fixing activity. <i>Industrial Crops and Products</i> , 2013, 41, 127-133.	5.2	33
7	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> , 2010, 31, 370-377.	5.2	32
8	Non-cellulosic polysaccharides from the leaves of small balsam (<i>Impatiens parviflora</i> DC.). <i>Carbohydrate Research</i> , 2014, 389, 147-153.	2.3	31
9	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>FĀ-toterapĀ-Āċ</i> , 2011, 82, 357-364.	2.2	27
10	Bioactive hemicelluloses alkali-extracted from <i>Fallopia sachalinensis</i> leaves. <i>Carbohydrate Research</i> , 2014, 398, 19-24.	2.3	27
11	Chemical evaluation of seeded fruit biomass of oil pumpkin (<i>Cucurbita pepo</i> L. var. <i>Styriaca</i>). <i>Chemical Papers</i> , 2009, 63, .	2.2	23
12	(3, 2)D 1H, 13C BIRD, X-HSQC-TOCSY for NMR structure elucidation of mixtures: application to complex carbohydrates. <i>Journal of Biomolecular NMR</i> , 2018, 70, 115-122.	2.8	10
13	Isolation, chemical characterization and antioxidant activity of <i>Prunus spinosa</i> L. fruit phenolic polysaccharide-proteins. <i>Carbohydrate Research</i> , 2022, 515, 108547.	2.3	9
14	Antioxidant Activity of Herbal Polysaccharides and Cough Reflex. <i>Advances in Experimental Medicine and Biology</i> , 2013, 788, 51-57.	1.6	8
15	Lactylated acidic exopolysaccharide produced by the cyanobacterium <i>Nostoc cf. linckia</i> . <i>Carbohydrate Polymers</i> , 2022, 276, 118801.	10.2	8
16	Antitussive Activity of Extracts from <i>Fallopia Sachalinensis</i> . <i>Acta Medica Martiniana</i> , 2012, 12, 24-30.	0.3	1