

Sona Franova

List of Publications by Citations

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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.

48
papers

472
citations

12
h-index

19
g-index

52
ext. papers

549
ext. citations

4.7
avg, IF

3.45
L-index

#	Paper	IF	Citations
48	A biologically active fructan from the roots of <i>Arctium lappa</i> L., var. <i>Herkules</i> . <i>International Journal of Biological Macromolecules</i> , 2003 , 33, 135-40	7.9	48
47	Possible mechanisms of dose-dependent cough suppressive effect of <i>Althaea officinalis</i> rhamnogalacturonan in guinea pigs test system. <i>International Journal of Biological Macromolecules</i> , 2009 , 45, 27-32	7.9	38
46	Extracellular polysaccharide produced by <i>Chlorella vulgaris</i> - Chemical characterization and anti-asthmatic profile. <i>International Journal of Biological Macromolecules</i> , 2019 , 135, 1-11	7.9	30
45	Antitussive activity of polysaccharides isolated from the Malian medicinal plants. <i>International Journal of Biological Macromolecules</i> , 2009 , 44, 236-9	7.9	30
44	Characterization and biological activity of <i>Solidago canadensis</i> complex. <i>International Journal of Biological Macromolecules</i> , 2013 , 52, 192-7	7.9	23
43	Antitussive and bronchodilatory effects of <i>Lythrum salicaria</i> polysaccharide-polyphenolic conjugate. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 794-9	7.9	20
42	Characterization and pharmacodynamic properties of <i>Arnica montana</i> complex. <i>International Journal of Biological Macromolecules</i> , 2014 , 69, 214-21	7.9	17
41	Experimental model of allergic asthma. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 756, 49-55	3.6	17
40	Echinacea complex--chemical view and anti-asthmatic profile. <i>Journal of Ethnopharmacology</i> , 2015 , 175, 163-71	5	15
39	Bronchodilatory, antitussive and anti-inflammatory effect of morin in the setting of experimentally induced allergic asthma. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 1064-72	4.8	15
38	Pulmonary surfactant in the airway physiology: a direct relaxing effect on the smooth muscle. <i>Respiratory Physiology and Neurobiology</i> , 2015 , 209, 95-105	2.8	14
37	Pharmacodynamic evaluation of RP3128, a novel and potent CRAC channel inhibitor in guinea pig models of allergic asthma. <i>European Journal of Pharmacology</i> , 2016 , 772, 62-70	5.3	12
36	Chemico-physical and pharmacodynamic properties of extracellular <i>Dictyosphaerium chlorelloides</i> biopolymer. <i>Carbohydrate Polymers</i> , 2018 , 198, 215-224	10.3	12
35	Polyphenols and their components in experimental allergic asthma. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 756, 91-8	3.6	12
34	Utero-relaxant effect of PDE4-selective inhibitor alone and in simultaneous administration with beta2-mimetic on oxytocin-induced contractions in pregnant myometrium. <i>Journal of Obstetrics and Gynaecology Research</i> , 2009 , 35, 20-5		12
33	Participation of BKCa ²⁺ and KATP potassium ion channels in the contractility of human term pregnant myometrium in in vitro conditions. <i>Journal of Obstetrics and Gynaecology Research</i> , 2011 , 37, 215-21	1.9	11
32	CRAC ion channels and airway defense reflexes in experimental allergic inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 756, 39-48	3.6	11

31	The anti-asthmatic potential of flavonol kaempferol in an experimental model of allergic airway inflammation. <i>European Journal of Pharmacology</i> , 2021 , 891, 173698	5.3	11
30	Chemical and pharmacological profiles of Echinacea complex. <i>International Journal of Biological Macromolecules</i> , 2015 , 79, 388-91	7.9	10
29	Red wine polyphenolic compounds inhibit tracheal smooth muscle contraction during allergen-induced hyperreactivity of the airways. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 727-32	4.8	10
28	Potassium ion channels and allergic asthma. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 838, 35-45	3.6	9
27	Combination Therapy with Budesonide and Salmeterol in Experimental Allergic Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 935, 25-34	3.6	9
26	The long-term administration of Orai 1 antagonist possesses antitussive, bronchodilatory and anti-inflammatory effects in experimental asthma model. <i>General Physiology and Biophysics</i> , 2013 , 32, 251-9	2.1	8
25	Phytotherapy of cough. <i>Advances in Phytomedicine</i> , 2006 , 2, 111-131		8
24	Respiratory Cilia as a Therapeutic Target of Phosphodiesterase Inhibitors. <i>Frontiers in Pharmacology</i> , 2020 , 11, 609	5.6	8
23	The relationship between dose-dependent antitussive and bronchodilatory effects of <i>Opilia celtidifolia</i> polysaccharide and nitric oxide in guinea pigs. <i>International Journal of Biological Macromolecules</i> , 2010 , 47, 508-13	7.9	7
22	Different adaptive NO-dependent Mechanisms in Normal and Hypertensive Conditions. <i>Molecules</i> , 2019 , 24,	4.8	6
21	Airway Defense Control Mediated via Voltage-Gated Sodium Channels. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 921, 71-80	3.6	6
20	The chemical profile and pharmacodynamic properties of extracellular <i>Wollea saccata</i> biopolymer. <i>International Journal of Biological Macromolecules</i> , 2017 , 103, 863-869	7.9	4
19	The cough suppressive activity of sulfated glucuronoxylan from <i>Fagus sylvatica</i> L. <i>International Journal of Biological Macromolecules</i> , 2014 , 67, 312-7	7.9	4
18	The effect of long-term administered CRAC channels blocker on the functions of respiratory epithelium in guinea pig allergic asthma model. <i>General Physiology and Biophysics</i> , 2015 , 34, 167-76	2.1	4
17	Antitussive activity of <i>Withania somnifera</i> and opioid receptors. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 838, 19-25	3.6	4
16	Effects of provinol and its combinations with clinically used antiasthmatics on airway defense mechanisms in experimental allergic asthma. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 838, 27-34	3.6	4
15	The Role of Ion Channels to Regulate Airway Ciliary Beat Frequency During Allergic Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 921, 27-35	3.6	4
14	In Vitro Contractile Response of Rabbit Myometrium to BKCa and KATP Potassium Channel Openers. <i>Acta Veterinaria Brno</i> , 2009 , 78, 13-18	0.8	3

13	Acute and Chronic Effects of Oral Erdosteine on Ciliary Beat Frequency, Cough Sensitivity and Airway Reactivity. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1023, 1-10	3.6	2
12	Pharmacologic modulation of experimentally induced allergic asthma. <i>Interdisciplinary Toxicology</i> , 2011 , 4, 27-32	2.3	2
11	Pharmacological modulation of cough reflex. <i>Advances in Phytomedicine</i> , 2006 , 87-110		2
10	Involvement of calcium regulating ion channels in contractility of human isolated urinary bladder. <i>General Physiology and Biophysics</i> , 2018 , 37, 391-398	2.1	2
9	Degenerative Lumbar Spondylolisthesis: Biochemical Aspects and Evaluation of Stabilization Surgery Extent in Terms of Adjacent Segment Disease Theory. <i>World Neurosurgery</i> , 2019 , 121, e554-e565 ^{2.1}		2
8	Effects of Inhalation of STIM-Orai Antagonist SKF 96365 on Ovalbumin-Induced Airway Remodeling in Guinea Pigs. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1335, 87-101	3.6	2
7	Orai1 protein expression and the role of calcium release-activated calcium channels in the contraction of human term-pregnant and non-pregnant myometrium. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015 , 41, 704-11	1.9	1
6	Mucolytics and antioxidant activity. <i>Life Sciences</i> , 1999 , 65, 1923-5	6.8	1
5	Structural characterization and anti-asthmatic effect of β -arabino(4-O-methyl- β -D-glucurono)- β -D-xylan from the roots of <i>Rudbeckia fulgida</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 842-848	7.9	1
4	The Changes in Expression of Na1.7 and Na1.8 and the Effects of the Inhalation of Their Blockers in Healthy and Ovalbumin-Sensitized Guinea Pig Airways. <i>Membranes</i> , 2021 , 11,	3.8	1
3	Pharmacodynamic evaluation of dihydroxyflavone derivate chrysin in a guinea pig model of allergic asthma. <i>Journal of Pharmacy and Pharmacology</i> , 2021 , 73, 233-240	4.8	0
2	Insulin Pump Therapy - Influence on Body Fat Redistribution, Skeletal Muscle Mass and Ghrelin, Leptin Changes in T1D Patients. <i>Obesity Facts</i> , 2018 , 11, 454-464	5.1	0
1	The antiasthmatic potential of morin in the setting of experimentally induced allergic asthma. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO4-5-4	0	