

Sona Franova

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

646
citations

566801
15
h-index

642321
23
g-index

52
all docs

52
docs citations

52
times ranked

857
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 135-140.	3.6	55
2	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.	3.6	53
3	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.	3.6	46
4	Antitussive activity of polysaccharides isolated from the Malian medicinal plants. <i>International Journal of Biological Macromolecules</i> , 2009, 44, 236-239.	3.6	36
5	The anti-asthmatic potential of flavonol kaempferol in an experimental model of allergic airway inflammation. <i>European Journal of Pharmacology</i> , 2021, 891, 173698.	1.7	30
6	Characterization and biological activity of <i>Solidago canadensis</i> complex. <i>International Journal of Biological Macromolecules</i> , 2013, 52, 192-197.	3.6	29
7	Characterization and pharmacodynamic properties of <i>Arnica montana</i> complex. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 214-221.	3.6	24
8	Antitussive and bronchodilatory effects of <i>Lythrum salicaria</i> polysaccharide-polyphenolic conjugate. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 794-799.	3.6	23
9	Echinacea complex – chemical view and anti-asthmatic profile. <i>Journal of Ethnopharmacology</i> , 2015, 175, 163-171.	2.0	22
10	Experimental Model of Allergic Asthma. <i>Advances in Experimental Medicine and Biology</i> , 2013, 756, 49-55.	0.8	21
11	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, 1064-1072.	1.2	20
12	Respiratory Cilia as a Therapeutic Target of Phosphodiesterase Inhibitors. <i>Frontiers in Pharmacology</i> , 2020, 11, 609.	1.6	20
13	Polyphenols and Their Components in Experimental Allergic Asthma. <i>Advances in Experimental Medicine and Biology</i> , 2013, 756, 91-98.	0.8	19
14	Pulmonary surfactant in the airway physiology: A direct relaxing effect on the smooth muscle. <i>Respiratory Physiology and Neurobiology</i> , 2015, 209, 95-105.	0.7	17
15	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.	1.7	17
16	Chemico-physical and pharmacodynamic properties of extracellular <i>Dictyosphaerium chlorellioides</i> biopolymer. <i>Carbohydrate Polymers</i> , 2018, 198, 215-224.	5.1	17
17	Chemical and pharmacological profiles of Echinacea complex. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 388-391.	3.6	13
18	Phytotherapy of cough. <i>Advances in Phytomedicine</i> , 2006, 2, 111-131.	0.1	12

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19	Uterine relaxant effect of PDE4-selective inhibitor alone and in simultaneous administration with β_2 -mimetic on oxytocin-induced contractions in pregnant myometrium. <i>Journal of Obstetrics and Gynaecology Research</i> , 2009, 35, 20-25.	0.6	12
20	Participation of BK _{Ca2+} and K _{ATP} potassium ion channels in the contractility of human term pregnant myometrium in <i>in vitro</i> conditions. <i>Journal of Obstetrics and Gynaecology Research</i> , 2011, 37, 215-221.	0.6	12
21	Red wine polyphenolic compounds inhibit tracheal smooth muscle contraction during allergen-induced hyperreactivity of the airways. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 727-732.	1.2	11
22	Potassium Ion Channels and Allergic Asthma. <i>Advances in Experimental Medicine and Biology</i> , 2014, 838, 35-45.	0.8	11
23	CRAC Ion Channels and Airway Defense Reflexes in Experimental Allergic Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2013, 756, 39-48.	0.8	11
24	Combination Therapy with Budesonide and Salmeterol in Experimental Allergic Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2016, 935, 25-34.	0.8	10
25	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, 251-259.	0.4	9
26	Different adaptive NO-dependent Mechanisms in Normal and Hypertensive Conditions. <i>Molecules</i> , 2019, 24, 1682.	1.7	8
27	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, 508-513.	3.6	7
28	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, 167-176.	0.4	6
29	Airway Defense Control Mediated via Voltage-Gated Sodium Channels. <i>Advances in Experimental Medicine and Biology</i> , 2016, 921, 71-80.	0.8	6
30	Structural characterization and anti-asthmatic effect of β -l-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.	3.6	6
31	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> , 2014, 838, 27-34.	0.8	5
32	The cough suppressive activity of sulfated glucuronoxylan from <i>Fagus sylvatica</i> L.. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 312-317.	3.6	5
33	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.	0.7	5
34	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.	0.8	5
35	Involvement of calcium regulating ion channels in contractility of human isolated urinary bladder. <i>General Physiology and Biophysics</i> , 2018, 37, 391-398.	0.4	5
36	Antitussive Activity of <i>Withania somnifera</i> and Opioid Receptors. <i>Advances in Experimental Medicine and Biology</i> , 2014, 838, 19-25.	0.8	4

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37	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.	0.8	4
38	The chemical profile and pharmacodynamic properties of extracellular Wollea saccata biopolymer. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 863-869.	3.6	4
39	The Changes in Expression of NaV1.7 and NaV1.8 and the Effects of the Inhalation of Their Blockers in Healthy and Ovalbumin-Sensitized Guinea Pig Airways. <i>Membranes</i> , 2021, 11, 511.	1.4	4
40	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.	1.2	4
41	Pharmacological modulation of cough reflex. <i>Advances in Phytomedicine</i> , 2006, , 87-110.	0.1	3
42	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.	1.6	3
43	In Vitro Contractile Response of Rabbit Myometrium to BKCa and KATP Potassium Channel Openers. <i>Acta Veterinaria Brno</i> , 2009, 78, 13-18.	0.2	3
44	Pharmacologic modulation of experimentally induced allergic asthma. <i>Interdisciplinary Toxicology</i> , 2011, 4, 27-32.	1.0	2
45	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, 704-711.	0.6	2
46	Acute and Chronic Effects of Oral Erdosteine on Ciliary Beat Frequency, Cough Sensitivity and Airway Reactivity. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1023, 1-10.	0.8	2
47	Cytokines in Renal Cell Carcinoma: A Step Towards Earlier Detection and Targeted Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 63-72.	0.8	2
48	Mucolytics and antioxidant activity. <i>Life Sciences</i> , 1999, 65, 1923-1925.	2.0	1
49	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.	0.0	0
50	Cytokine expression in human intervertebral disc: Local distribution and comparison of cytokine levels in normal and herniated lumbar intervertebral discs. <i>Trace Elements and Electrolytes</i> , 2018, 35, 117-123.	0.1	0