

Giorgio Fois

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

985
citations

623188

14
h-index

610482

24
g-index

28
all docs

28
docs citations

28
times ranked

1873
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. <i>Nature Metabolism</i> , 2021, 3, 149-165.	5.1	378
2	Alpha-1 antitrypsin inhibits TMPRSS2 protease activity and SARS-CoV-2 infection. <i>Nature Communications</i> , 2021, 12, 1726.	5.8	86
3	Mechanical stretch activates piezo1 in caveolae of alveolar type I cells to trigger ATP release and paracrine stimulation of surfactant secretion from alveolar type II cells. <i>FASEB Journal</i> , 2020, 34, 12785-12804.	0.2	72
4	A new role for an old drug: Ambroxol triggers lysosomal exocytosis via pH-dependent Ca ²⁺ release from acidic Ca ²⁺ stores. <i>Cell Calcium</i> , 2015, 58, 628-637.	1.1	46
5	TRPV4 inhibition attenuates stretch-induced inflammatory cellular responses and lung barrier dysfunction during mechanical ventilation. <i>PLoS ONE</i> , 2018, 13, e0196055.	1.1	46
6	Carrageenan-containing over-the-counter nasal and oral sprays inhibit SARS-CoV-2 infection of airway epithelial cultures. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L750-L756.	1.3	41
7	Inhibition of calcium-triggered secretion by hydrocarbon-stapled peptides. <i>Nature</i> , 2022, 603, 949-956.	13.7	39
8	A device for simultaneous live cell imaging during uni-axial mechanical strain or compression. <i>Journal of Applied Physiology</i> , 2009, 107, 613-620.	1.2	37
9	ATP is stored in lamellar bodies to activate vesicular P2X ₄ in an autocrine fashion upon exocytosis. <i>Journal of General Physiology</i> , 2018, 150, 277-291.	0.9	30
10	Effects of keratin phosphorylation on the mechanical properties of keratin filaments in living cells. <i>FASEB Journal</i> , 2013, 27, 1322-1329.	0.2	28
11	P2 Purinergic Signaling in the Distal Lung in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4973.	1.8	26
12	Mechanical strain of alveolar type II cells in culture: changes in the transcellular cytoke- ratin network and adaptations. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L849-L857.	1.3	25
13	Inflammation-induced upregulation of P2X ₄ expression augments mucin secretion in airway epithelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L58-L70.	1.3	21
14	Complement Activation and Organ Damage After Trauma—Differential Immune Response Based on Surgical Treatment Strategy. <i>Frontiers in Immunology</i> , 2020, 11, 64.	2.2	18
15	2-APB and Capsazepine-induced Ca ²⁺ Influx Stimulates Clathrin-dependent Endocytosis in Alveolar Epithelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 091-102.	1.1	13
16	An ultra fast detection method reveals strain-induced Ca ²⁺ entry via TRPV2 in alveolar type II cells. <i>Biomechanics and Modeling in Mechanobiology</i> , 2012, 11, 959-971.	1.4	13
17	Midkine Is Elevated After Multiple Trauma and Acts Directly on Human Cardiomyocytes by Altering Their Functionality and Metabolism. <i>Frontiers in Immunology</i> , 2019, 10, 1920.	2.2	12
18	Bradykinin signaling regulates solute permeability and cellular junction organization in lymphatic endothelial cells. <i>Microcirculation</i> , 2020, 27, e12592.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Characterization and Pharmacological Inhibition of the Pore-Forming Clostridioides difficile CDTb Toxin. <i>Toxins</i> , 2021, 13, 390.	1.5	10
20	P2X ₄ receptor re-sensitization depends on a protonation/deprotonation cycle mediated by receptor internalization and recycling. <i>Journal of Physiology</i> , 2018, 596, 4893-4907.	1.3	9
21	Sensory contact to the stressor prevents recovery from structural and functional heart damage following psychosocial trauma. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 667-677.	2.0	9
22	Inhibition of Clostridioides difficile Toxins TcdA and TcdB by Ambroxol. <i>Frontiers in Pharmacology</i> , 2021, 12, 809595.	1.6	8
23	Effects of Circulating HMGB-1 and Histones on Cardiomyocytes – Hemadsorption of These DAMPs as Therapeutic Strategy after Multiple Trauma. <i>Journal of Clinical Medicine</i> , 2020, 9, 1421.	1.0	4
24	The Pore-Forming Subunit C2IIa of the Binary Clostridium botulinum C2 Toxin Reduces the Chemotactic Translocation of Human Polymorphonuclear Leukocytes. <i>Frontiers in Pharmacology</i> , 2022, 13, 810611.	1.6	4
25	Phosphorylation alters the Mechanical Properties of Keratin Filaments in Living Cells. <i>Biophysical Journal</i> , 2013, 104, 478a.	0.2	0
26	Inhibition of Airway Epithelial Snare/Synaptotagmin Mediated Membrane Fusion by Hydrocarbon-Stapled Peptides. <i>Biophysical Journal</i> , 2020, 118, 399a-400a.	0.2	0
27	Phosphorylation of cytokeratin fibers alters their response to mechanical extension. <i>FASEB Journal</i> , 2012, 26, 656.12.	0.2	0