

Serena Di Vincenzo

List of Publications by Year in descending order

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56
papers

676
citations

471509
17
h-index

580821
25
g-index

56
all docs

56
docs citations

56
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensor based on rGO/Au nanoparticles for monitoring H ₂ O ₂ released by human macrophages. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128901.	7.8	79
2	Cigarette smoke inhibits the NLRP3 inflammasome and leads to caspase-1 activation via the TLR4-TRIF-caspase-8 axis in human macrophages. <i>FASEB Journal</i> , 2020, 34, 1819-1832.	0.5	50
3	Comparative cytoprotective effects of carbocysteine and fluticasone propionate in cigarette smoke extract-stimulated bronchial epithelial cells. <i>Cell Stress and Chaperones</i> , 2013, 18, 733-743.	2.9	46
4	SIRT1/FoxO3 axis alteration leads to aberrant immune responses in bronchial epithelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2272-2282.	3.6	42
5	Dual anti-oxidant and anti-inflammatory actions of the electrophilic cyclooxygenase-2-derived 17-oxo-DHA in lipopolysaccharide- and cigarette smoke-induced inflammation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2299-2309.	2.4	39
6	Oxidative stress and innate immunity responses in cigarette smoke stimulated nasal epithelial cells. <i>Toxicology in Vitro</i> , 2014, 28, 292-299.	2.4	38
7	MiR-21 upregulation increases IL-8 expression and tumorigenesis program in airway epithelial cells exposed to cigarette smoke. <i>Journal of Cellular Physiology</i> , 2019, 234, 22183-22194.	4.1	28
8	Carbocysteine regulates innate immune responses and senescence processes in cigarette smoke stimulated bronchial epithelial cells. <i>Toxicology Letters</i> , 2013, 223, 198-204.	0.8	25
9	Salmeterol Xinafoate (SX) loaded into mucoadhesive solid lipid microparticles for COPD treatment. <i>International Journal of Pharmaceutics</i> , 2019, 562, 351-358.	5.2	23
10	Formoterol and fluticasone propionate combination improves histone deacetylation and anti-inflammatory activities in bronchial epithelial cells exposed to cigarette smoke. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1718-1727.	3.8	21
11	Exposure to cigarette smoke extract and lipopolysaccharide modifies cytoskeleton organization in bronchial epithelial cells. <i>Experimental Lung Research</i> , 2017, 43, 347-358.	1.2	21
12	Carbocysteine counteracts the effects of cigarette smoke on cell growth and on the SIRT1/FoxO3 axis in bronchial epithelial cells. <i>Experimental Gerontology</i> , 2016, 81, 119-128.	2.8	20
13	Electrochemical Synthesis of Zinc Oxide Nanostructures on Flexible Substrate and Application as an Electrochemical Immunoglobulin-G Immunosensor. <i>Materials</i> , 2022, 15, 713.	2.9	20
14	Cigarette smoke increases BLT2 receptor functions in bronchial epithelial cells: <i>in vitro</i> and <i>ex vivo</i> evidence. <i>Immunology</i> , 2013, 139, 245-255.	4.4	19
15	Budesonide, Acridinium and Formoterol in combination limit inflammaging processes in bronchial epithelial cells exposed to cigarette smoke. <i>Experimental Gerontology</i> , 2019, 118, 78-87.	2.8	19
16	Effects in cigarette smoke stimulated bronchial epithelial cells of a corticosteroid entrapped into nanostructured lipid carriers. <i>Journal of Nanobiotechnology</i> , 2014, 12, 46.	9.1	18
17	17-oxo-DHA displays additive anti-inflammatory effects with fluticasone propionate and inhibits the NLRP3 inflammasome. <i>Scientific Reports</i> , 2016, 6, 37625.	3.3	18
18	Effects of Carbocysteine and Beclomethasone on Histone Acetylation/Deacetylation Processes in Cigarette Smoke Exposed Bronchial Epithelial Cells. <i>Journal of Cellular Physiology</i> , 2017, 232, 2851-2859.	4.1	17

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19	Cigarette smoke extract modulates E-Cadherin, Claudin-1 and miR-21 and promotes cancer invasiveness in human colorectal adenocarcinoma cells. <i>Toxicology Letters</i> , 2019, 317, 102-109.	0.8	16
20	Cigarette smoke alters the proteomic profile of lung fibroblasts. <i>Molecular BioSystems</i> , 2015, 11, 1644-1652.	2.9	13
21	Electrophilic derivatives of omega-3 fatty acids counteract lung cancer cell growth. <i>Cancer Chemotherapy and Pharmacology</i> , 2018, 81, 705-716.	2.3	13
22	Cigarette smoke extract reduces FOXO3a promoting tumor progression and cell migration in lung cancer. <i>Toxicology</i> , 2021, 454, 152751.	4.2	12
23	Carbocysteine Modifies Circulating miR-21, IL-8, sRAGE, and fAGEs Levels in Mild Acute Exacerbated COPD Patients: A Pilot Study. <i>Pharmaceuticals</i> , 2022, 15, 218.	3.8	11
24	Impaired activation of Notch-1 signaling hinders repair processes of bronchial epithelial cells exposed to cigarette smoke. <i>Toxicology Letters</i> , 2020, 326, 61-69.	0.8	10
25	Multiple In Vitro and In Vivo Regulatory Effects of Budesonide in CD4+ T Lymphocyte Subpopulations of Allergic Asthmatics. <i>PLoS ONE</i> , 2012, 7, e48816.	2.5	9
26	Effects of ceftaroline on the innate immune and on the inflammatory responses of bronchial epithelial cells exposed to cigarette smoke. <i>Toxicology Letters</i> , 2016, 258, 216-226.	0.8	8
27	Cigarette smoke upregulates Notch-1 signaling pathway and promotes lung adenocarcinoma progression. <i>Toxicology Letters</i> , 2022, 355, 31-40.	0.8	8
28	Notch-1 signaling activation sustains overexpression of interleukin 33 in the epithelium of nasal polyps. <i>Journal of Cellular Physiology</i> , 2019, 234, 4582-4596.	4.1	7
29	Loading of Beclomethasone in Liposomes and Hyalurosomes Improved with Mucin as Effective Approach to Counteract the Oxidative Stress Generated by Cigarette Smoke Extract. <i>Nanomaterials</i> , 2021, 11, 850.	4.1	7
30	Leptin and TGF- β 1 Downregulate PREP1 Expression in Human Adipose-Derived Mesenchymal Stem Cells and Mature Adipocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 700481.	3.7	5
31	Resolvin D1 and miR-146a are independent distinctive parameters in children with moderate and severe asthma. <i>Clinical and Experimental Allergy</i> , 2021, 51, 350-353.	2.9	4
32	Leptin in the Respiratory Tract: Is There a Role in SARS-CoV-2 Infection?. <i>Frontiers in Physiology</i> , 2021, 12, 776963.	2.8	4
33	Ceftaroline modulates the innate immune and host defense responses of immunocompetent cells exposed to cigarette smoke. <i>Toxicology Letters</i> , 2017, 279, 9-15.	0.8	3
34	MD2 expression is reduced in large airways of smokers and COPD smokers. <i>Molecular and Cellular Biochemistry</i> , 2015, 407, 289-297.	3.1	1
35	Cigarette smoke decreases E-Cadherin expression downregulating FoxO3 in lung epithelial cells. , 2019, , .		1
36	Cigarette smoke impairs Sirt1 activity and promotes pro-inflammatory responses in bronchial epithelial cells. , 2015, , .		1

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37	Exploring the Influence of Cigarette Smoke on TROP2 Expression in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 655-656.	2.9	0
38	Immunoregulatory effects of ceftaroline in airway epithelial cells and in immunocompetent cells. , 2015, , .		0
39	Anti-inflammatory effects of formoterol and fluticasone propionate in bronchial epithelial cells. , 2015, , .		0
40	The electrophilic 17-oxo-docosahexaenoic acid (17-oxo-DHA) enhances the anti-inflammatory potency of fluticasone propionate. , 2015, , .		0
41	Carbocysteine reverses the effects of cigarette smoke and improves the effects of beclomethasone on the histone deacetylases in bronchial epithelial cells. , 2015, , .		0
42	Effect of 17-oxo-DHA alone and in combination with gemcitabine on lung cancer cell growth. , 2016, , .		0
43	The electrophilic 17-oxo-DHA enhances the anti-inflammatory efficacy of fluticasone propionate in COPD patients. , 2016, , .		0
44	Effects of beclomethasone and carbocysteine in histone acetylation/deacetylation processes of bronchial epithelial cells exposed to cigarette smoke. , 2016, , .		0
45	Role of budesonide, formoterol fumarate and acclidinium bromide in the inflammaging of airway epithelial cells. , 2017, , .		0
46	Late Breaking Abstract - 17-oxo-DHA inhibits the NLRP3 inflammasome downstream of mitochondrial ROS and ERK pathway. , 2017, , .		0
47	NOTCH-1 activation sustains hyperexpression of IL-33 in the epithelium of nasal polyps. , 2017, , .		0
48	Cigarette smoke upregulating the expression of miR 21 increases IL-8 in airway epithelial cells. , 2018, , .		0
49	Development of a nanostructured sensor for monitoring oxidative stress in living cells. , 2018, , .		0
50	Carbocisteine in vivo reduces circulating miR-21 and IL-8 in exacerbated COPD patients. , 2019, , .		0
51	Cigarette smoke extract inhibits the NLRP3 inflammasome in human macrophages and impairs cell metabolism via NLRP3-independent activation of Caspase-1. , 2019, , .		0
52	Cigarette smoke and TGF- β activate distinct repair processes in a proximal airway model. , 2020, , .		0
53	Electrochemical sensor for evaluating oxidative stress in airway epithelial cells. , 2021, , .		0
54	Effects of volcanic fumaroles on large and distal airway epithelial homeostasis. , 2020, , .		0

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55	Cigarette Smoke upregulates Notch1 signaling pathway in lung adenocarcinoma. , 2020, , .		0
56	LSC - 2020 - Caspase-1 activation by cigarette smoke occurs via TLR4/TRIF/caspase-8 axis leading to metabolic alterations in human macrophages. , 2020, , .		0