Rajasekaran Subbiah

List of Publications by Year
in descending order

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37 papers	1,533 citations	393982 19 h-index	360668 35 g-index
37 all docs	37 docs citations	37 times ranked	2047 citing authors

#	Article	IF	Citations
1	The impact of environmental and occupational exposures of manganese on pulmonary, hepatic, and renal functions. Journal of Applied Toxicology, 2022, 42, 103-129.	1.4	23
2	Non-malignant respiratory illness associated with exposure to arsenic compounds in the environment. Environmental Toxicology and Pharmacology, 2022, 94, 103922.	2.0	4
3	Repurposing of histone deacetylase inhibitors: A promising strategy to combat pulmonary fibrosis promoted by TGF-Î² signalling in COVID-19 survivors. Life Sciences, 2021, 266, 118883.	2.0	32
4	A review on network pharmacology based phytotherapy in treating diabetes- An environmental perspective. Environmental Research, 2021, 202, 111656.	3.7	10
5	Therapeutic potential of plant-derived tannins in non-malignant respiratory diseases. Journal of Nutritional Biochemistry, 2021, 94, 108632.	1.9	15
6	An overview on the role of plant-derived tannins for the treatment of lung cancer. Phytochemistry, 2021, 188, 112799.	1.4	24
7	Anti-asthmatic effects of tannic acid from Chinese natural gall nuts in a mouse model of allergic asthma. International Immunopharmacology, 2021, 98, 107847.	1.7	8
8	The herbicide paraquat-induced molecular mechanisms in the development of acute lung injury and lung fibrosis. Critical Reviews in Toxicology, 2021, 51, 36-64.	1.9	34
9	Tannic acid alleviates experimental pulmonary fibrosis in mice by inhibiting inflammatory response and fibrotic process. Inflammopharmacology, 2020, 28, 1301-1314.	1.9	10
10	Oxidative Stress Mechanisms in theÂPathogenesis of Environmental Lung Diseases. , 2020, , 103-137.		21
11	Tannic acid prevents macrophage-induced pro-fibrotic response in lung epithelial cells via suppressing TLR4-mediated macrophage polarization. Inflammation Research, 2019, 68, 1011-1024.	1.6	32
12	Tannic acid protects against experimental acute lung injury through downregulation of TLR4 and MAPK. Journal of Cellular Physiology, 2019, 234, 6463-6476.	2.0	37
13	Tannic acid modulates fibroblast proliferation and differentiation in response to proâ€fibrotic stimuli. Journal of Cellular Biochemistry, 2018, 119, 6732-6742.	1.2	19
14	Diagnostic Potential of Extracellular MicroRNA in Respiratory Diseases. Clinical Reviews in Allergy and Immunology, 2018, 54, 480-492.	2.9	47
15	Design, synthesis, and characterization of Î±, Î²-unsaturated carboxylic acid, and its urea based derivatives that explores novel epigenetic modulators in human non-small cell lung cancer A549 cell line. Journal of Cellular Physiology, 2018, 233, 5293-5309.	2.0	8
16	Tannic acid attenuates TGFâ€Î²1â€induced epithelialâ€toâ€mesenchymal transition by effectively intervening TGFâ€Î² signaling in lung epithelial cells. Journal of Cellular Physiology, 2018, 233, 2513-2525.	2.0	58
17	C-phycocyanin suppresses transforming growth factor-Î²1-induced epithelial mesenchymal transition in human epithelial cells. Pharmacological Reports, 2017, 69, 426-431.	1.5	31
18	Plant Isoquinoline Alkaloid Berberine Exhibits Chromatin Remodeling by Modulation of Histone Deacetylase To Induce Growth Arrest and Apoptosis in the A549 Cell Line. Journal of Agricultural and Food Chemistry, 2016, 64, 9542-9550.	2.4	52

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19	MicroRNA Regulation of Acute Lung Injury and Acute Respiratory Distress Syndrome. Journal of Cellular Physiology, 2016, 231, 2097-2106.	2.0	113
20	Sirtuin 1 Promotes Hyperoxia-Induced Lung Epithelial Cell Death Independent of NF-E2â€“Related Factor 2 Activation. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 697-706.	1.4	9
21	MicroRNAs as potential targets for progressive pulmonary fibrosis. Frontiers in Pharmacology, 2015, 6, 254.	1.6	91
22	Visualization of Fra-1/AP-1 activation during LPS-induced inflammatory lung injury using fluorescence optical imaging. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L414-L424.	1.3	7
23	Myeloid-Specific Fos-Related Antigen-1 Regulates Cigarette Smokeâ€“Induced Lung Inflammation, Not Emphysema, in Mice. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 125-134.	1.4	7
24	Expression profiling of genes regulated by Fra-1/AP-1 transcription factor during bleomycin-induced pulmonary fibrosis. BMC Genomics, 2013, 14, 381.	1.2	19
25	Genetic Disruption of Fra-1 Decreases Susceptibility to Endotoxin-Induced Acute Lung Injury and Mortality in Mice. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 55-62.	1.4	19
26	Fra-1 Deficiency Leads To The Deregulation Of Bleomycin-Induced Collagen Production And Turnover In Fibroblasts. , 2012, , .		0
27	Fra-1/AP-1 Transcription Factor Negatively Regulates Pulmonary Fibrosis In Vivo. PLoS ONE, 2012, 7, e41611.	1.1	35
28	Modulatory effects of Aloe vera leaf gel extract on oxidative stress in rats treated with streptozotocin. Journal of Pharmacy and Pharmacology, 2010, 57, 241-246.	1.2	80
29	Detection of Experimentally Induced Pulmonary Granuloma Inflammation in Monocyte Chemoattractant Protein-1 Reporter Mice. Molecular Imaging and Biology, 2010, 12, 163-173.	1.3	2
30	Angiogenic evaluation of ginsenoside Rg1 from Panax ginseng in fluorescent transgenic mice. Vascular Pharmacology, 2008, 49, 37-43.	1.0	15
31	Therapeutic Evaluation of Aloe vera Leaf Gel Extract on Glycoprotein Components in Rats with Streptozotocin Diabetes. Journal of Pharmacology and Toxicology, 2007, 2, 380-385.	0.4	10
32	BENEFICIAL EFFECTS OF ALOE VERA LEAF GEL EXTRACT ON LIPID PROFILE STATUS IN RATS WITH STREPTOZOTOCIN DIABETES. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 232-237.	0.9	200
33	Mineral Contents of Aloe vera Leaf Gel and Their Role on Streptozotocin-Induced Diabetic Rats. Biological Trace Element Research, 2005, 108, 185-196.	1.9	42
34	Antihyperlipidemic effect of Eugenia jambolana seed kernel on streptozotocin-induced diabetes in rats. Food and Chemical Toxicology, 2005, 43, 1433-1439.	1.8	157
35	Antioxidant effect of Aloe vera gel extract in streptozotocin-induced diabetes in rats. Pharmacological Reports, 2005, 57, 90-6.	1.5	132
36	Hypoglycemic Effect of Aloe vera Gel on Streptozotocin-Induced Diabetes in Experimental Rats. Journal of Medicinal Food, 2004, 7, 61-66.	0.8	118

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37	Hypoglycemic Effect ofEugenia jambolanaSeed Kernels on Streptozotocin-Induced Diabetes in Rats. Pharmaceutical Biology, 2003, 41, 598-603.	1.3	12