

Umesh C S Yadav

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,861
citations

586496

16
h-index

536525

29
g-index

35
all docs

35
docs citations

35
times ranked

3605
citing authors

#	ARTICLE	IF	CITATIONS
1	Air-€Liquid Interface Culture Model to Study Lung Cancer-Associated Cellular and Molecular Changes. <i>Methods in Molecular Biology</i> , 2022, 2413, 133-144.	0.4	4
2	Method of Preparation of Cigarette Smoke Extract to Assess Lung Cancer-Associated Changes in Airway Epithelial Cells. <i>Methods in Molecular Biology</i> , 2022, 2413, 121-132.	0.4	1
3	Cysteinyl leukotriene D4 (LTD4) promotes airway epithelial cell inflammation and remodelling. <i>Inflammation Research</i> , 2021, 70, 109-126.	1.6	11
4	COVID-19 severity in obese patients: Potential mechanisms and molecular targets for clinical intervention. <i>Obesity Research and Clinical Practice</i> , 2021, 15, 163-171.	0.8	11
5	Vaccines and drugs under clinical trials for prevention and treatment of COVID-19. <i>VirusDisease</i> , 2021, 32, 13-19.	1.0	6
6	Anti-inflammatory Effects of <i>S. cumini</i> Seed Extract on Gelatinase-B (MMP-9) Regulation against Hyperglycemic Cardiomyocyte Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	10
7	Green synthesis, structural analysis and anticancer activity of dihydropyrimidinone derivatives. <i>RSC Advances</i> , 2021, 11, 35737-35753.	1.7	15
8	Fisetin suppresses cigarette smoke extract-induced epithelial to mesenchymal transition of airway epithelial cells through regulating COX-2/MMPs/ β^2 -catenin pathway. <i>Chemico-Biological Interactions</i> , 2021, 351, 109771.	1.7	7
9	Efficient microwave synthesis, functionalisation and biocompatibility studies of SPION based potential nano-drug carriers. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 649-660.	1.6	8
10	Induction of growth cessation by acacetin via β^2 -catenin pathway and apoptosis by apoptosis inducing factor activation in colorectal carcinoma cells. <i>Molecular Biology Reports</i> , 2020, 47, 987-1001.	1.0	15
11	Baicalin encapsulating lipid-surfactant conjugate based nanomicelles: Preparation, characterization and anticancer activity. <i>Chemistry and Physics of Lipids</i> , 2020, 233, 104978.	1.5	13
12	Amorphous nano morin outperforms native molecule in anticancer activity and oral bioavailability. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1123-1132.	0.9	8
13	MMP-2 and MMP-9 mediate cigarette smoke extract-induced epithelial-mesenchymal transition in airway epithelial cells via EGFR/Akt/GSK3 β^2 / β^2 -catenin pathway: Amelioration by fisetin. <i>Chemico-Biological Interactions</i> , 2019, 314, 108846.	1.7	46
14	Regulation of oxidized LDL-induced inflammatory process through NLRP3 inflammasome activation by the deubiquitinating enzyme BRCC36. <i>Inflammation Research</i> , 2019, 68, 999-1010.	1.6	26
15	Induction of endothelial dysfunction by oxidized low-density lipoproteins via downregulation of Erk-5/Mef2c/KLF2 signaling: Amelioration by fisetin. <i>Biochimie</i> , 2019, 163, 152-162.	1.3	19
16	Endotoxin-Induced Uveitis in Rodents. <i>Methods in Molecular Biology</i> , 2019, 1960, 161-168.	0.4	19
17	Sterol regulatory element binding protein (SREBP) -1 mediates oxidized low-density lipoprotein (oxLDL) induced macrophage foam cell formation through NLRP3 inflammasome activation. <i>Cellular Signalling</i> , 2019, 53, 316-326.	1.7	46
18	Lupeol induces S-phase arrest and mitochondria-mediated apoptosis in cervical cancer cells. <i>Journal of Biosciences</i> , 2018, 43, 249-261.	0.5	29

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19	Lipid mediator Leukotriene D4-induces airway epithelial cells proliferation through EGFR/ERK1/2 pathway. Prostaglandins and Other Lipid Mediators, 2018, 136, 55-63.	1.0	12
20	Novel Insights in the Metabolic Syndrome-induced Oxidative Stress and Inflammation-mediated Atherosclerosis. Current Cardiology Reviews, 2018, 14, 4-14.	0.6	64
21	Oxidative Stress in Metabolic Disorders: Pathogenesis, Prevention, and Therapeutics. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-3.	1.9	22
22	Oxidative stress and metabolic disorders: Pathogenesis and therapeutic strategies. Life Sciences, 2016, 148, 183-193.	2.0	758
23	Pharmacological effects of <i>Trigonella foenum-graecum</i> L. in health and disease. Pharmaceutical Biology, 2014, 52, 243-254.	1.3	176
24	Aldose Reductase Inhibition Prevents Allergic Airway Remodeling through PI3K/AKT/GSK3 β Pathway in Mice. PLoS ONE, 2013, 8, e57442.	1.1	33
25	Regulation of NF- κ B-Induced Inflammatory Signaling by Lipid Peroxidation-Derived Aldehydes. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-11.	1.9	149
26	Endotoxin-Induced Uveitis in Rodents. Methods in Molecular Biology, 2013, 1031, 155-162.	0.4	21
27	Aldose Reductase Deficiency Protects from Autoimmune- and Endotoxin-Induced Uveitis in Mice. , 2011, 52, 8076.		27
28	Amelioration of Experimental Autoimmune Uveoretinitis by Aldose Reductase Inhibition in Lewis Rats. , 2011, 52, 8033.		13
29	Aldose Reductase Inhibition Prevents Metaplasia of Airway Epithelial Cells. PLoS ONE, 2010, 5, e14440.	1.1	29
30	Inhibition of Aldose Reductase Prevents Experimental Allergic Airway Inflammation in Mice. PLoS ONE, 2009, 4, e6535.	1.1	51
31	Prevention of Posterior Capsular Opacification through Aldose Reductase Inhibition. , 2009, 50, 752.		38
32	Aldose Reductase Inhibition Suppresses the Expression of Th2 Cytokines and Airway Inflammation in Ovalbumin-Induced Asthma in Mice. Journal of Immunology, 2009, 183, 4723-4732.	0.4	43
33	Prevention of Endotoxin-Induced Uveitis in Rats by Benfotiamine, a Lipophilic Analogue of Vitamin B1. , 2009, 50, 2276.		49
34	Aldose Reductase Inhibition Prevents Endotoxin-Induced Uveitis in Rats. , 2007, 48, 4634.		79