Narasaiah kolliputi

List of Publications by Year
in descending order

100 papers	2,208 citations	201674 27 h-index	243625 44 g-index
100 all docs	100 docs citations	100 times ranked	3858 citing authors

#	Article	IF	Citations
1	Is the mechanism of COVID-19 coagulopathy still a rabbitâ€™s hole?. Journal of Cell Communication and Signaling, 2022, 16, 1-3.	3.4	0
2	Lung fibrosis is induced in ADAR2 overexpressing mice via HuRâ€induced CTGF signaling. FASEB Journal, 2022, 36, e22143.	0.5	4
3	Matrix Metalloproteinase 7 Expression and Apical Epithelial Defects in Atp8b1 Mutant Mouse Model of Pulmonary Fibrosis. Biomolecules, 2022, 12, 283.	4.0	2
4	Mitochondrial Protein Akap1 Deletion Exacerbates Endoplasmic Reticulum Stress in Mice Exposed to Hyperoxia. Frontiers in Pharmacology, 2022, 13, 762840.	3.5	4
5	BMI1 Silencing Induces Mitochondrial Dysfunction in Lung Epithelial Cells Exposed to Hyperoxia. Frontiers in Physiology, 2022, 13, 814510.	2.8	1
6	Dysfunctional telomeres through mitostressâ€induced cGAS/STING activation to aggravate immune senescence and viral pneumonia. Aging Cell, 2022, 21, e13594.	6.7	21
7	Nitrated fatty acid, 10-nitrooleate protects against hyperoxia-induced acute lung injury in mice. International Immunopharmacology, 2022, 109, 108838.	3.8	3
8	Age-Related Increase of Collagen/Fibrin Deposition and High PAI-1 Production in Human Nasal Polyps. Frontiers in Pharmacology, 2022, 13, .	3.5	2
9	Epigenetics of pulmonary diseases. , 2021, , 185-195.		0
10	Soluble ACE2 as a potential therapy for COVID-19. American Journal of Physiology - Cell Physiology, 2021, 320, C279-C281.	4.6	43
11	Nicotine in E-cigarette smoke: cancer culprit?. Journal of Cell Communication and Signaling, 2020, 14, 127-128.	3.4	4
12	Coronavirus: a shift in focus away from IFN response and towards other inflammatory targets. Journal of Cell Communication and Signaling, 2020, 14, 469-470.	3.4	6
13	Alda-1 Attenuates Hyperoxia-Induced Acute Lung Injury in Mice. Frontiers in Pharmacology, 2020, 11, 597942.	3.5	18
14	Alda-1 attenuates hyperoxia-induced mitochondrial dysfunction in lung vascular endothelial cells. Aging, 2019, 11, 3909-3918.	3.1	14
15	The nitrated fatty acid, 10-nitrooleate inhibits the neutrophil chemotaxis via peroxisome proliferator-activated receptor gamma in CLP-induced sepsis in mice. International Immunopharmacology, 2019, 72, 159-165.	3.8	13
16	Oxidative stress induces club cell proliferation and pulmonary fibrosis in Atp8b1 mutant mice. Aging, 2019, 11, 209-229.	3.1	16
17	Plasma levels of TNF-Î±, IL-6, IFN-Î³, IL-12, IL-17, IL-22, and IL-23 in achalasia, eosinophilic esophagitis (EoE), and gastroesophageal reflux disease (GERD). BMC Gastroenterology, 2019, 19, 28.	2.0	17
18	Remission of fibrosis: rage to the rescue. Journal of Cell Communication and Signaling, 2019, 13, 119-120.	3.4	1

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19	Altered expression of p63 isoforms and expansion of p63- and club cell secretory protein-positive epithelial cells in the lung as novel features of aging. American Journal of Physiology - Cell Physiology, 2019, 316, C492-C508.	4.6	8
20	The Role of Adenosine Deaminase Acting on RNA (ADAR) Family of Proteins in Hyperoxia Induced Acute Lung Injury. FASEB Journal, 2019, 33, 627.10.	0.5	0
21	Aldaâ€1 shields mitochondrial dynamic proteins from hyperoxia via Aldh2 activation. FASEB Journal, 2019, 33, .	0.5	0
22	Mast cellâ€“derived plasminogen activator inhibitor type 1 promotes airway inflammation and remodeling in a murine model of asthma. Journal of Allergy and Clinical Immunology, 2018, 142, 294-297.e5.	2.9	8
23	Airway epithelial phosphoinositide 3-kinase-Î´ contributes to the modulation of fungi-induced innate immune response. Thorax, 2018, 73, 758-768.	5.6	19
24	Epigenetics of Mucus Hypersecretion in Chronic Respiratory Diseases. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 299-309.	2.9	27
25	The dawn of succinylation: a posttranslational modification. American Journal of Physiology - Cell Physiology, 2018, 314, C228-C232.	4.6	65
26	Elevated potassium outward currents in hyperoxia treated atrial cardiomyocytes. Journal of Cellular Physiology, 2018, 233, 4317-4326.	4.1	3
27	Thyroid hormone: a resurgent treatment for an emergent concern. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L945-L950.	2.9	5
28	A mitochondrial delicacy: dynamin-related protein 1 and mitochondrial dynamics. American Journal of Physiology - Cell Physiology, 2018, 315, C80-C90.	4.6	44
29	Akap1genetic deletion increases the severity of hyperoxia-induced acute lung injury in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L860-L870.	2.9	35
30	Cigarette Smoke Impairs A2A Adenosine Receptor Mediated Wound Repair through Up-regulation of Duox-1 Expression. Scientific Reports, 2017, 7, 44405.	3.3	19
31	Hedgehog: the key to maintaining adult lung repair and regeneration. Journal of Cell Communication and Signaling, 2017, 11, 95-96.	3.4	8
32	Pivotal role of AKAP121 in mitochondrial physiology. American Journal of Physiology - Cell Physiology, 2016, 310, C625-C628.	4.6	19
33	Deletion of P2X7 attenuates hyperoxia-induced acute lung injury via inflammasome suppression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L572-L581.	2.9	43
34	4-Hydroxy-2-nonenal: a critical target in oxidative stress?. American Journal of Physiology - Cell Physiology, 2016, 311, C537-C543.	4.6	163
35	Phosphoinositide 3-kinase-Î´ regulates fungus-induced allergic lung inflammation through endoplasmic reticulum stress. Thorax, 2016, 71, 52-63.	5.6	62
36	Deletion of ASK1 Protects against Hyperoxia-Induced Acute Lung Injury. PLoS ONE, 2016, 11, e0147652.	2.5	21

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37	Global gene profiling of aging lungs in Atp8b1 mutant mice. Aging, 2016, 8, 2232-2252.	3.1	11
38	The role of club cell phenoconversion and migration in idiopathic pulmonary fibrosis. Aging, 2016, 8, 3091-3109.	3.1	23
39	SOCS-1 rescues IL-1Î²-mediated suppression of epithelial sodium channel in mouse lung epithelial cells via ASK-1. Oncotarget, 2016, 7, 29081-29091.	1.8	13
40	Soluble Expression of a Human MnSOD and Hirudin Fusion Protein in Escherichia coli, and Its Effects on Metastasis and Invasion of 95-D Cells. Journal of Microbiology and Biotechnology, 2016, 26, 1881-1890.	2.1	7
41	Resolvins Decrease Oxidative Stress Mediated Macrophage and Epithelial Cell Interaction through Decreased Cytokine Secretion. PLoS ONE, 2015, 10, e0136755.	2.5	29
42	Commentary: The sphingosine kinase 1/sphingosine-1-phosphate pathway in pulmonary arterial hypertension. Frontiers in Pharmacology, 2015, 6, 229.	3.5	3
43	The role of the NLRP3 inflammasome in pulmonary diseases. Therapeutic Advances in Respiratory Disease, 2015, 9, 188-197.	2.6	117
44	Enhanced Resolution of Hyperoxic Acute Lung Injury as a result of Aspirin Triggered Resolvin D1 Treatment. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 422-435.	2.9	69
45	Putting the brakes on age-related idiopathic pulmonary fibrosis: Can Nox4 inhibitors suppress IPF?. Experimental Gerontology, 2015, 63, 81-82.	2.8	4
46	EZH2, the moderator in the discussion between methyltransferases at histone H3?. Journal of Cell Communication and Signaling, 2015, 9, 77-79.	3.4	1
47	ROMO1 links oxidative stress to mitochondrial integrity. Journal of Cell Communication and Signaling, 2015, 9, 73-75.	3.4	12
48	Does pIgR Down-Regulation in COPD Cause Reprogramming of Bronchial Epithelium?. Lung, 2015, 193, 1-2.	3.3	3
49	Adenovirus-mediated transfer of the SOCS-1 gene to mouse lung confers protection against hyperoxic acute lung injury. Free Radical Biology and Medicine, 2015, 84, 196-205.	2.9	22
50	Genipin suppresses NLRP3 inflammasome activation through uncoupling protein-2. Cellular Immunology, 2015, 297, 40-45.	3.0	38
51	Micro RNAs: The Future of Idiopathic Pulmonary Fibrosis Therapy. Cell Biochemistry and Biophysics, 2015, 71, 509-511.	1.8	2
52	Kinases: a remote control in inflammasome activity. Journal of Cell Communication and Signaling, 2015, 9, 285-287.	3.4	1
53	Can inflammation regulate systemic aging?. Experimental Gerontology, 2015, 67, 1-2.	2.8	8
54	The Role of Aging in Idiopathic Pulmonary Fibrosis. Lung, 2015, 193, 605-610.	3.3	29

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55	High level of oxygen treatment causes cardiotoxicity with arrhythmias and redox modulation. Toxicology and Applied Pharmacology, 2015, 282, 100-107.	2.8	32
56	Inflammasome Inhibition Suppresses Alveolar Cell Permeability Through Retention of Neuregulin-1 (NRG-1). Cellular Physiology and Biochemistry, 2015, 36, 2012-2024.	1.6	9
57	4-Hydroxynonenal regulates mitochondrial function in human small airway epithelial cells. Oncotarget, 2015, 6, 41508-41521.	1.8	39
58	Detection of canonical A-to-G editing events at 3â€² UTRs and microRNA target sites in human lungs using next-generation sequencing. Oncotarget, 2015, 6, 35726-35736.	1.8	15
59	Disruption of Circadian Rhythms in Critical Illness - A Role of Hyperoxia-Induced Lung Injury. Current Pharmaceutical Design, 2015, 21, 3489-3495.	1.9	3
60	Aspirinâ€Triggered Resolvin D1 Protects Against Cytokine Induced Alveolar Epithelial Cell Injury. FASEB Journal, 2015, 29, 863.18.	0.5	0
61	ASK1 deficiency attenuates hyperoxiaâ€induced inflammation and cell apoptosis in the lung. FASEB Journal, 2015, 29, 1046.1.	0.5	0
62	Inflammasome: a new trigger of Alzheimer's disease. Frontiers in Aging Neuroscience, 2014, 6, 80.	3.4	16
63	Two Sides of a Coin: The Dual Roles of Chitinase 3-Like 1 in Idiopathic Pulmonary Fibrosis. Lung, 2014, 192, 825-827.	3.3	4
64	Role of epigenetics in pulmonary hypertension. American Journal of Physiology - Cell Physiology, 2014, 306, C1101-C1105.	4.6	28
65	Dysregulation of CLOCK gene expression in hyperoxia-induced lung injury. American Journal of Physiology - Cell Physiology, 2014, 306, C999-C1007.	4.6	27
66	An Old Molecule with a New Role: Microtubules in Inflammasome Regulation. Cell Biochemistry and Biophysics, 2014, 70, 697-698.	1.8	2
67	LRBA Causes Immunodeficiency and Autoimmunity By Deregulating NFκB-Mediated Multiple Immune Effectors Critical For B Cell Activation. Journal of Allergy and Clinical Immunology, 2014, 133, AB251.	2.9	1
68	NLRP3-Deficient Mice Have an Enhanced Neutrophil Apoptosis and a Suppressed Inflammatory Response to Hyperoxia-Induced Acute Lung Injury. Journal of Allergy and Clinical Immunology, 2013, 131, AB9.	2.9	0
69	Resolvin D1 Inhibits IL-1beta Induced Alveolar Epithelial Cell Activation. Journal of Allergy and Clinical Immunology, 2013, 131, AB197.	2.9	0
70	Inhibition of IL-1Î² Mediated Proinflammatory Cytokine Production by Epigallocatechin Gallate in Human Alveolar Epithelial Cells. Journal of Allergy and Clinical Immunology, 2013, 131, AB11.	2.9	0
71	MicroRNA-133a-1 regulates inflammasome activation through uncoupling protein-2. Biochemical and Biophysical Research Communications, 2013, 439, 407-412.	2.1	61
72	Hyperoxia-induced hypertrophy and ion channel remodeling in left ventricle. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1651-H1661.	3.2	24

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73	TXNIP shuttling: missing link between oxidative stress and inflammasome activation. Frontiers in Physiology, 2013, 4, 50.	2.8	77
74	A new role for inflammasomes: sensing the disturbances in non-alcoholic fatty liver disease. Frontiers in Physiology, 2013, 4, 156.	2.8	11
75	NLRP3 deletion protects from hyperoxia-induced acute lung injury. American Journal of Physiology - Cell Physiology, 2013, 305, C182-C189.	4.6	131
76	New hope for Nutlin-3a therapy for pulmonary arterial hypertension. Frontiers in Pharmacology, 2013, 4, 87.	3.5	0
77	Can microRNAs keep inflammasomes in check?. Frontiers in Genetics, 2013, 4, 30.	2.3	9
78	New hope for a microRNA therapy for pulmonary arterial hypertension. Frontiers in Genetics, 2013, 4, 137.	2.3	5
79	Is isoprenylcysteine carboxyl methyltransferase the key to reverse ageing?. Frontiers in Aging Neuroscience, 2013, 5, 40.	3.4	1
80	Hyperoxia induced lung injury is associated with alterations in circadian clock genes in mice. FASEB Journal, 2013, 27, 914.8.	0.5	0
81	Overexpression of Circadian CLOCK genes alters proinflammatory cytokine production in human alveolar epithelial cells. FASEB Journal, 2013, 27, 722.8.	0.5	0
82	ASC plays a role in alveolar epithelial integrity. FASEB Journal, 2013, 27, 1143.5.	0.5	0
83	Putting the brakes on acute lung injury: can resolvins suppress acute lung injury?. Frontiers in Physiology, 2012, 3, 445.	2.8	2
84	MicroRNA 16 modulates epithelial sodium channel in human alveolar epithelial cells. Biochemical and Biophysical Research Communications, 2012, 426, 203-208.	2.1	47
85	Enhancer of Zeste Homolog 2 Induces Pulmonary Artery Smooth Muscle Cell Proliferation. PLoS ONE, 2012, 7, e37712.	2.5	28
86	NALPâ€3 inflammasome silencing attenuates ceramideâ€induced transepithelial permeability. Journal of Cellular Physiology, 2012, 227, 3310-3316.	4.1	60
87	Human lung on a chip: innovative approach for understanding disease processes and effective drug testing. Frontiers in Pharmacology, 2012, 3, 205.	3.5	5
88	Mir-206 Regulates Pulmonary Artery Smooth Muscle Cell Proliferation and Differentiation. PLoS ONE, 2012, 7, e46808.	2.5	102
89	Viruses: Cofactors in Idiopathic Pulmonary Fibrosis. , 2012, 01, .		0
90	MicroRNAâ€16 regulates ENaC expression in alveolar epithelial cells. FASEB Journal, 2012, 26, lb756.	0.5	0

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91	Deletion of NALP3 protects against hyperoxiaâ€induced acute lung injury. FASEB Journal, 2012, 26, lb464.	0.5	0
92	Forkhead Transcription Factor FOXO3a Protects Alveolar Epithelial Cells from Oxidative Stress. FASEB Journal, 2011, 25, .	0.5	0
93	The Inflammasome Mediates Hyperoxia-Induced Alveolar Cell Permeability. Journal of Immunology, 2010, 184, 5819-5826.	0.8	77
94	IL-6 Cytoprotection in Hyperoxic Acute Lung Injury Occurs via Suppressor of Cytokine Signaling-1â€"Induced Apoptosis Signalâ€"Regulating Kinase-1 Degradation. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 314-324.	2.9	45
95	IL-6 Protects against Hyperoxia-Induced Mitochondrial Damage via Bcl-2â€"Induced Bak Interactions with Mitofusions. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 385-396.	2.9	81
96	IL-6 cytoprotection in hyperoxic acute lung injury occurs via PI3K/Akt-mediated Bax phosphorylation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L6-L16.	2.9	52
97	Inflammasome: A Pivotal Role in hyperoxiaâ€induced acute lung injury?. FASEB Journal, 2009, 23, 1025.1.	0.5	0
98	Trans-differentiation of Alveolar Epithelial Type II Cells to Type I Cells Involves Autocrine Signaling by Transforming Growth Factor Î²1 through the Smad Pathway. Journal of Biological Chemistry, 2007, 282, 3968-3976.	3.4	73
99	Differential expression of GABAA receptor ÏΕ subunit in cultured rat alveolar epithelial cells. Cell and Tissue Research, 2005, 321, 173-183.	2.9	30
100	Aberrant Expression of ACO1 in Vasculatures Parallels Progression of Idiopathic Pulmonary Fibrosis. Frontiers in Pharmacology, 0, 13, .	3.5	1