

Neeraj Vij

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

7,653
citations

159585

30
h-index

123424

61
g-index

75
all docs

75
docs citations

75
times ranked

16943
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Cigarette smoke-induced autophagy impairment accelerates lung aging, COPD-emphysema exacerbations and pathogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C73-C87.	4.6	199
3	Selective Inhibition of Endoplasmic Reticulum-associated Degradation Rescues Δ F508-Cystic Fibrosis Transmembrane Regulator and Suppresses Interleukin-8 Levels. <i>Journal of Biological Chemistry</i> , 2006, 281, 17369-17378.	3.4	151
4	Heightened Endoplasmic Reticulum Stress in the Lungs of Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 1196-1207.	5.6	150
5	CFTR Is a Negative Regulator of $\text{NF-}\kappa\text{B}$ Mediated Innate Immune Response. <i>PLoS ONE</i> , 2009, 4, e4664.	2.5	149
6	Critical role of proteostasis-imbalance in pathogenesis of COPD and severe emphysema. <i>Journal of Molecular Medicine</i> , 2011, 89, 577-593.	3.9	128
7	Nanodelivery in airway diseases: Challenges and therapeutic applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 237-244.	3.3	120
8	A Novel Role of the Lumican Core Protein in Bacterial Lipopolysaccharide-induced Innate Immune Response. <i>Journal of Biological Chemistry</i> , 2007, 282, 26409-26417.	3.4	111
9	Role of Cigarette Smoke-Induced Aggresome Formation in Chronic Obstructive Pulmonary Disease-Emphysema Pathogenesis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 159-173.	2.9	101
10	Lumican suppresses cell proliferation and aids Fas-Fas ligand mediated apoptosis: implications in the cornea. <i>Experimental Eye Research</i> , 2004, 78, 957-971.	2.6	99
11	Development of PEGylated PLGA nanoparticle for controlled and sustained drug delivery in cystic fibrosis. <i>Journal of Nanobiotechnology</i> , 2010, 8, 22.	9.1	98
12	Lumican Regulates Corneal Inflammatory Responses by Modulating Fas-Fas Ligand Signaling. , 2005, 46, 88.		96
13	Critical Modifier Role of Membrane-Cystic Fibrosis Transmembrane Conductance Regulator-Dependent Ceramide Signaling in Lung Injury and Emphysema. <i>Journal of Immunology</i> , 2011, 186, 602-613.	0.8	94
14	Nicotine exposure induces bronchial epithelial cell apoptosis and senescence via ROS mediated autophagy-impairment. <i>Free Radical Biology and Medicine</i> , 2016, 97, 441-453.	2.9	93
15	Critical role of CFTR-dependent lipid rafts in cigarette smoke-induced lung epithelial injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L811-L820.	2.9	85
16	AAA ATPase p97/VCP: cellular functions, disease and therapeutic potential. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 2511-2518.	3.6	71
17	Critical Role of VCP/p97 in the Pathogenesis and Progression of Non-Small Cell Lung Carcinoma. <i>PLoS ONE</i> , 2011, 6, e29073.	2.5	70
18	Neutrophil targeted nano-drug delivery system for chronic obstructive lung diseases. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2415-2427.	3.3	65

#	ARTICLE	IF	CITATIONS
19	L450W and Q455K Col8a2 Knock-In Mouse Models of Fuchs Endothelial Corneal Dystrophy Show Distinct Phenotypes and Evidence for Altered Autophagy. , 2013, 54, 1887.		62
20	The NF-kappaB signaling in cystic fibrosis lung disease: pathophysiology and therapeutic potential. Discovery Medicine, 2010, 9, 346-56.	0.5	61
21	Airway Exposure to E-Cigarette Vapors Impairs Autophagy and Induces Aggresome Formation. Antioxidants and Redox Signaling, 2016, 24, 186-204.	5.4	60
22	CHOP Transcription Factor Mediates IL-8 Signaling in Cystic Fibrosis Bronchial Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 176-184.	2.9	59
23	Pharmacoproteomics of 4-Phenylbutyrate-Treated IB3-1 Cystic Fibrosis Bronchial Epithelial Cells. Journal of Proteome Research, 2006, 5, 562-571.	3.7	54
24	Master Autophagy Regulator Transcription Factor EB Regulates Cigarette Smoke-Induced Autophagy Impairment and Chronic Obstructive Pulmonary Disease-Emphysema Pathogenesis. Antioxidants and Redox Signaling, 2017, 27, 150-167.	5.4	54
25	Lactosylceramide-accumulation in lipid-rafts mediate aberrant-autophagy, inflammation and apoptosis in cigarette smoke induced emphysema. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 725-739.	4.9	50
26	Augmentation of S-Nitrosoglutathione Controls Cigarette Smoke-Induced Inflammatory Oxidative Stress and Chronic Obstructive Pulmonary Disease-Emphysema Pathogenesis by Restoring Cystic Fibrosis Transmembrane Conductance Regulator Function. Antioxidants and Redox Signaling, 2017, 27, 433-451.	5.4	48
27	Nano-based theranostics for chronic obstructive lung diseases: challenges and therapeutic potential. Expert Opinion on Drug Delivery, 2011, 8, 1105-1109.	5.0	46
28	Second-Hand Cigarette Smoke Impairs Bacterial Phagocytosis in Macrophages by Modulating CFTR Dependent Lipid-Rafts. PLoS ONE, 2015, 10, e0121200.	2.5	45
29	Autophagy augmentation alleviates cigarette smoke-induced CFTR-dysfunction, ceramide-accumulation and COPD-emphysema pathogenesis. Free Radical Biology and Medicine, 2019, 131, 81-97.	2.9	36
30	Lubiprostone activates non-CFTR-dependent respiratory epithelial chloride secretion in cystic fibrosis mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L933-L940.	2.9	35
31	Early-Age-Related Changes in Proteostasis Augment Immunopathogenesis of Sepsis and Acute Lung Injury. PLoS ONE, 2010, 5, e15480.	2.5	34
32	Cystic Fibrosis Transmembrane Regulator Missing the First Four Transmembrane Segments Increases Wild Type and F508 Processing*. Journal of Biological Chemistry, 2008, 283, 21926-21933.	3.4	33
33	Inhibition of histone-deacetylase activity rescues inflammatory cystic fibrosis lung disease by modulating innate and adaptive immune responses. Respiratory Research, 2018, 19, 2.	3.6	29
34	Autophagy Augmentation to Alleviate Immune Response Dysfunction, and Resolve Respiratory and COVID-19 Exacerbations. Cells, 2020, 9, 1952.	4.1	29
35	Augmenting autophagy for prognosis based intervention of COPD-pathophysiology. Respiratory Research, 2017, 18, 83.	3.6	27
36	Nano-based rescue of dysfunctional autophagy in chronic obstructive lung diseases. Expert Opinion on Drug Delivery, 2017, 14, 483-489.	5.0	26

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37	Dual activation of CFTR and CLCN2 by lubiprostone in murine nasal epithelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L324-L331.	2.9	25
38	Regulation of the ClC-2 Lung Epithelial Chloride Channel by Glycosylation of SP1. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 34, 754-759.	2.9	23
39	Dendrimer-based selective autophagy-induction rescues $\Delta F508$ -CFTR and inhibits <i>Pseudomonas aeruginosa</i> infection in cystic fibrosis. <i>PLoS ONE</i> , 2017, 12, e0184793.	2.5	22
40	Adapting Proteostasis and Autophagy for Controlling the Pathogenesis of Cystic Fibrosis Lung Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 20.	3.5	22
41	Dexamethasone Regulates CFTR Expression in Calu-3 Cells with the Involvement of Chaperones HSP70 and HSP90. <i>PLoS ONE</i> , 2012, 7, e47405.	2.5	22
42	A cellular model for the investigation of Fuchs' Endothelial Corneal Dystrophy. <i>Experimental Eye Research</i> , 2011, 93, 880-888.	2.6	20
43	Cigarette Smoke Exposure Inhibits Bacterial Killing via TFEB-Mediated Autophagy Impairment and Resulting Phagocytosis Defect. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	3.0	19
44	Cigarette smoke induced autophagy-impairment regulates AMD pathogenesis mechanisms in ARPE-19 cells. <i>PLoS ONE</i> , 2017, 12, e0182420.	2.5	17
45	Ubiquitin C-terminal Hydrolase-L1 Protects Cystic Fibrosis Transmembrane Conductance Regulator from Early Stages of Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2010, 285, 11314-11325.	3.4	14
46	Modulation of proinflammatory activity by the engineered cationic antimicrobial peptide WLBU-2. <i>F1000Research</i> , 2013, 2, 36.	1.6	14
47	Novel cystamine-core dendrimer-formulation rescues $\Delta F508$ -CFTR and inhibits <i>Pseudomonas aeruginosa</i> infection by augmenting autophagy. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 177-186.	5.0	12
48	Early Diagnosis and Real-Time Monitoring of Regional Lung Function Changes to Prevent Chronic Obstructive Pulmonary Disease Progression to Severe Emphysema. <i>Journal of Clinical Medicine</i> , 2021, 10, 5811.	2.4	11
49	Dendrimer-Based Selective Proteostasis-Inhibition Strategy to Control NSCLC Growth and Progression. <i>PLoS ONE</i> , 2016, 11, e0158507.	2.5	10
50	The case for therapeutic proteostasis modulators. <i>Expert Opinion on Therapeutic Targets</i> , 2011, 15, 233-236.	3.4	9
51	The Yin and Yang of Cystic Fibrosis Transmembrane Conductance Regulator Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 120-122.	5.6	9
52	Synthesis and Evaluation of Airway Targeted PLGA Nanoparticles for Drug Delivery in Obstructive Lung Diseases. <i>Methods in Molecular Biology</i> , 2012, 906, 303-310.	0.9	8
53	Linoleic acid supplement in cystic fibrosis: friend or foe?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L597-L598.	2.9	5
54	Expression of GULP1 in bronchial epithelium is associated with the progression of emphysema in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2017, 124, 72-78.	2.9	4

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55	Editorial (Hot Topic: Proteostasis-Imbalance and Pathogenesis of Chronic Obstructive Lung Diseases). <i>Current Molecular Medicine</i> , 2012, 12, 805-806.	1.3	2
56	Dichotomous effects of isomeric secondary amines containing an aromatic nitrile and nitro group on human aortic smooth muscle cells via inhibition of cystathionine- β -lyase. <i>Biochimie</i> , 2017, 133, 103-111.	2.6	2
57	Role of second-hand smoke (SHS)-induced proteostasis/autophagy impairment in pediatric lung diseases. <i>Molecular and Cellular Pediatrics</i> , 2017, 4, 3.	1.8	2
58	NOVEL X-RAY VELOCIMETRY-BASED QUANTITATIVE REGIONAL LUNG FUNCTION ANALYSIS TO ASSESS RISK OF RADIATION-INDUCED PNEUMONITIS AND PULMONARY FIBROSIS. <i>Chest</i> , 2019, 156, A2264-A2265.	0.8	2
59	FIRST-IN-HUMAN VALIDATION OF X-RAY VELOCIMETRY DEMONSTRATES SUPERIOR SENSITIVITY OVER SPIROMETRY AND CT FOR QUANTIFICATION OF REGIONAL LUNG FUNCTION. <i>Chest</i> , 2020, 158, A1393-A1394.	0.8	2
60	Prognosis-Based Early Intervention Strategies to Resolve Exacerbation and Progressive Lung Function Decline in Cystic Fibrosis. <i>Journal of Personalized Medicine</i> , 2021, 11, 96.	2.5	2
61	Synthesis and Evaluation of Airway-Targeted PLGA-PEG Nanoparticles for Drug Delivery in Obstructive Lung Diseases. <i>Methods in Molecular Biology</i> , 2020, 2118, 147-154.	0.9	2
62	Synthesis and Evaluation of Dendrimers for Autophagy Augmentation and Alleviation of Obstructive Lung Diseases. <i>Methods in Molecular Biology</i> , 2020, 2118, 155-164.	0.9	2
63	Critical Role Of CFTR Dependent Lipid-Raft Signaling In Cigarette Smoke Induced Lung Injury And Emphysema. , 2011, , .		1
64	Proteomics: a novel approach to explore signal exchanges in Rhizobium-legume symbiosis. <i>Indian Journal of Experimental Biology</i> , 2003, 41, 1133-5.	0.0	1
65	717. VCP Short Hairpin RNA Rescues β 508- CFTR and Suppresses IL8 Levels: Therapeutic Implications in Cystic Fibrosis. <i>Molecular Therapy</i> , 2006, 13, S276-S277.	8.2	0
66	Selective Inhibition Of Histone-deacetylase Activity Rescues Chronic Cystic Fibrosis Lung Disease. , 2010, , .		0
67	UCH-L1 Protects CFTR From Proteasomal Degradation. , 2010, , .		0
68	Aberrant Regulation Of Proteasomal Activity Is Critical For COPD Pathogenesis. , 2010, , .		0
69	CFTR-dependent Lipid Rafts Regulate Ceramide Signaling In Chronic Lung Injury And Emphysema. , 2010, , .		0
70	TIME IS HERE: CONTRAST FREE PULMONARY ANGIOGRAPHY (CFPA) IN DIAGNOSIS OF ACUTE PULMONARY EMBOLISM (PE). <i>Chest</i> , 2019, 156, A1711-A1712.	0.8	0
71	DETECTING REGIONAL CHANGES IN LUNG FUNCTION FOLLOWING RADIATION THERAPY USING X-RAY VELOCIMETRY. <i>Chest</i> , 2020, 158, A1388-A1389.	0.8	0
72	Airway exposure of e-cigarette vapors impairs autophagy and induces aggresome formation. <i>FASEB Journal</i> , 2015, 29, LB631.	0.5	0

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73	Oxidative Stress-Induced Autophagy Impairment and Pathogenesis of Chronic Obstructive Lung Diseases. , 2019, , 389-425.		0