

# Min-Jong Kang

## List of Publications by Year in descending order

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32  
papers

2,359  
citations

394421

19  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

4094  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Chitin and Chitinase/Chitinase-Like Proteins in Inflammation, Tissue Remodeling, and Injury. <i>Annual Review of Physiology</i> , 2011, 73, 479-501.	13.1	700
2	Cigarette smoke selectively enhances viral PAMP and virus-induced pulmonary innate immune and remodeling responses in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2771-84.	8.2	194
3	Mitochondrial dysfunction and damage associated molecular patterns (DAMPs) in chronic inflammatory diseases. <i>Mitochondrion</i> , 2018, 41, 37-44.	3.4	140
4	IL-18 Is Induced and IL-18 Receptor $\beta$ Plays a Critical Role in the Pathogenesis of Cigarette Smoke-Induced Pulmonary Emphysema and Inflammation. <i>Journal of Immunology</i> , 2007, 178, 1948-1959.	0.8	139
5	Amphiregulin, an Epidermal Growth Factor Receptor Ligand, Plays an Essential Role in the Pathogenesis of Transforming Growth Factor- $\beta$ -induced Pulmonary Fibrosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 41991-42000.	3.4	119
6	The Chitinase-like Proteins Breast Regression Protein-39 and YKL-40 Regulate Hyperoxia-induced Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 918-928.	5.6	99
7	Th2 LCR is essential for regulation of Th2 cytokine genes and for pathogenesis of allergic asthma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10614-10619.	7.1	93
8	IL-18 Induces Emphysema and Airway and Vascular Remodeling via IFN- $\gamma$ , IL-17A, and IL-13. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 1205-1217.	5.6	85
9	Role of CCR5 in IFN- $\alpha$ -induced and cigarette smoke-induced emphysema. <i>Journal of Clinical Investigation</i> , 2005, 115, 3460-3472.	8.2	83
10	MKK3 regulates mitochondrial biogenesis and mitophagy in sepsis-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L604-L619.	2.9	74
11	Regulation of chitinase-3-like-1 in T cell elicits Th1 and cytotoxic responses to inhibit lung metastasis. <i>Nature Communications</i> , 2018, 9, 503.	12.8	72
12	Role of Breast Regression Protein-39 in the Pathogenesis of Cigarette Smoke-Induced Inflammation and Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 777-786.	2.9	67
13	Suppression of NLRX1 in chronic obstructive pulmonary disease. <i>Journal of Clinical Investigation</i> , 2015, 125, 2458-2462.	8.2	65
14	Fecal microbial transplantation and a high fiber diet attenuates emphysema development by suppressing inflammation and apoptosis. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1128-1139.	7.7	53
15	Role of Chitinase 3-Like-1 in Interleukin-18-Induced Pulmonary Type 1, Type 2, and Type 17 Inflammation; Alveolar Destruction; and Airway Fibrosis in the Murine Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 863-871.	2.9	50
16	IL-13 receptor $\beta$ -arginase 2 pathway mediates IL-13-induced pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L112-L124.	2.9	45
17	A Mitochondrial Perspective of Chronic Obstructive Pulmonary Disease Pathogenesis. <i>Tuberculosis and Respiratory Diseases</i> , 2016, 79, 207.	1.8	41
18	IL-6 Receptor $\beta$ Defines Effector Memory CD8+T Cells Producing Th2 Cytokines and Expanding in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1383-1394.	5.6	38

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19	RIG-like Helicase Innate Immunity Inhibits Vascular Endothelial Growth Factor Tissue Responses via a Type I IFN-dependent Mechanism. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1322-1335.	5.6	23
20	Chitinase 3-like-1 is a therapeutic target that mediates the effects of aging in COVID-19. <i>JCI Insight</i> , 2021, 6, .	5.0	23
21	Impact of Cigarette Smoke Exposure on the Lung Fibroblastic Response after Influenza Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 770-781.	2.9	22
22	Mitochondrial Regulation of Inflammasome Activation in Chronic Obstructive Pulmonary Disease. <i>Journal of Innate Immunity</i> , 2016, 8, 121-128.	3.8	20
23	Role of Ribonuclease L in Viral Pathogen-Associated Molecular Pattern/Influenza Virus and Cigarette Smoke-induced Inflammation and Remodeling. <i>Journal of Immunology</i> , 2013, 191, 2637-2646.	0.8	19
24	LRR domain of NLRX1 protein delivery by dNP2 inhibits T cell functions and alleviates autoimmune encephalomyelitis. <i>Theranostics</i> , 2020, 10, 3138-3150.	10.0	19
25	Retrograde signaling by a mtDNA-encoded non-coding RNA preserves mitochondrial bioenergetics. <i>Communications Biology</i> , 2020, 3, 626.	4.4	17
26	Macrophage-preferable delivery of the leucine-rich repeat domain of NLRX1 ameliorates lethal sepsis by regulating NF- $\kappa$ B and inflammasome signaling activation. <i>Biomaterials</i> , 2021, 274, 120845.	11.4	14
27	Nucleotide-binding domain and leucine-rich repeat-containing protein X1 deficiency induces nicotinamide adenine dinucleotide decline, mechanistic target of rapamycin activation, and cellular senescence and accelerates aging lung-like changes. <i>Aging Cell</i> , 2021, 20, e13410.	6.7	11
28	Transgenic modelling of cytokine polarization in the lung. <i>Immunology</i> , 2011, 132, 9-17.	4.4	8
29	Mitochondrial antiviral signaling protein is crucial for the development of pulmonary fibrosis. <i>European Respiratory Journal</i> , 2021, 57, 2000652.	6.7	8
30	PINK1 Inhibits Multimeric Aggregation and Signaling of MAVS and MAVS-Dependent Lung Pathology. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 592-603.	2.9	8
31	Recent Advances in Molecular Basis of Lung Aging and Its Associated Diseases. <i>Tuberculosis and Respiratory Diseases</i> , 2020, 83, 107.	1.8	5
32	Hospitalization increases while economic status deteriorates in late stages of chronic obstructive pulmonary disease: the Korean National Health and Nutrition Examination Survey for 2007-2015. <i>Journal of Thoracic Disease</i> , 2021, 13, 2160-2168.	1.4	1