

Seung-Hyo Lee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,946
citations

19
h-index

44
g-index

52
ext. papers

2,254
ext. citations

9.8
avg, IF

4.19
L-index

#	Paper	IF	Citations
46	Antielastin autoimmunity in tobacco smoking-induced emphysema. <i>Nature Medicine</i> , 2007 , 13, 567-9	50.5	418
45	A protease-activated pathway underlying Th cell type 2 activation and allergic lung disease. <i>Journal of Immunology</i> , 2002 , 169, 5904-11	5.3	256
44	T lymphocytes negatively regulate lymph node lymphatic vessel formation. <i>Immunity</i> , 2011 , 34, 96-107	32.3	166
43	Overlapping and independent contributions of MMP2 and MMP9 to lung allergic inflammatory cell egression through decreased CC chemokines. <i>FASEB Journal</i> , 2004 , 18, 995-7	0.9	163
42	Lung myeloid dendritic cells coordinately induce TH1 and TH17 responses in human emphysema. <i>Science Translational Medicine</i> , 2009 , 1, 4ra10	17.5	114
41	Bilirubin nanoparticles ameliorate allergic lung inflammation in a mouse model of asthma. <i>Biomaterials</i> , 2017 , 140, 37-44	15.6	67
40	Human rhinovirus proteinase 2A induces TH1 and TH2 immunity in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 1369-1378.e2	11.5	63
39	Designed nanocage displaying ligand-specific Peptide bunches for high affinity and biological activity. <i>ACS Nano</i> , 2013 , 7, 7462-71	16.7	59
38	TH2 cells and their cytokines regulate formation and function of lymphatic vessels. <i>Nature Communications</i> , 2015 , 6, 6196	17.4	57
37	Neutrophils disturb pulmonary microcirculation in sepsis-induced acute lung injury. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	57
36	Differential requirement for CD18 in T-helper effector homing. <i>Nature Medicine</i> , 2003 , 9, 1281-6	50.5	39
35	Innate type 2 immunity is associated with eosinophilic pleural effusion in primary spontaneous pneumothorax. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 577-85	10.2	34
34	Differential mRNA expression of prostaglandin receptor subtypes in macrophage activation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2001 , 65, 287-94	2.8	32
33	Non-transcriptional regulation of NLRP3 inflammasome signaling by IL-4. <i>Immunology and Cell Biology</i> , 2015 , 93, 591-9	5	30
32	Dual protective mechanisms of matrix metalloproteinases 2 and 9 in immune defense against <i>Streptococcus pneumoniae</i> . <i>Journal of Immunology</i> , 2011 , 186, 6427-36	5.3	30
31	Basophil-derived IL-6 regulates T17 cell differentiation and CD4 T cell immunity. <i>Scientific Reports</i> , 2017 , 7, 41744	4.9	23
30	Enhanced Th2 cell differentiation and function in the absence of Nox2. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 252-265	9.3	22

29	Prediction of drug-induced immune-mediated hepatotoxicity using hepatocyte-like cells derived from human embryonic stem cells. <i>Toxicology</i> , 2017 , 387, 1-9	4.4	22
28	Inositol polyphosphate multikinase promotes Toll-like receptor-induced inflammation by stabilizing TRAF6. <i>Science Advances</i> , 2017 , 3, e1602296	14.3	21
27	Placental growth factor regulates the generation of T17 cells to link angiogenesis with autoimmunity. <i>Nature Immunology</i> , 2019 , 20, 1348-1359	19.1	18
26	CD53, a suppressor of inflammatory cytokine production, is associated with population asthma risk via the functional promoter polymorphism -1560 C>T. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 3011-8	4	18
25	Natural killer cells regulate eosinophilic inflammation in chronic rhinosinusitis. <i>Scientific Reports</i> , 2016 , 6, 27615	4.9	17
24	IL4 Receptor-Targeted Proapoptotic Peptide Blocks Tumor Growth and Metastasis by Enhancing Antitumor Immunity. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 2803-2816	6.1	17
23	Developmental control of integrin expression regulates Th2 effector homing. <i>Journal of Immunology</i> , 2008 , 180, 4656-67	5.3	17
22	Homing alone? CD18 in infectious and allergic disease. <i>Trends in Molecular Medicine</i> , 2004 , 10, 258-62	11.5	17
21	Cigarette smoke exacerbates mouse allergic asthma through Smad proteins expressed in mast cells. <i>Respiratory Research</i> , 2011 , 12, 49	7.3	16
20	Macelignan attenuated allergic lung inflammation and airway hyper-responsiveness in murine experimental asthma. <i>Life Sciences</i> , 2013 , 92, 1093-9	6.8	13
19	Interplay between Inflammatory Responses and Lymphatic Vessels. <i>Immune Network</i> , 2014 , 14, 182-6	6.1	13
18	GM-CSF and IL-4 produced by NKT cells inversely regulate IL-1 β production by macrophages. <i>Immunology Letters</i> , 2017 , 182, 50-56	4.1	12
17	Profiling of protein-protein interactions via single-molecule techniques predicts the dependence of cancers on growth-factor receptors. <i>Nature Biomedical Engineering</i> , 2018 , 2, 239-253	19	12
16	Serum elastin-derived peptides and anti-elastin antibody in patients with systemic sclerosis. <i>Journal of Korean Medical Science</i> , 2012 , 27, 484-8	4.7	11
15	Airway glycoprotein secretion parallels production and predicts airway obstruction in pulmonary allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 72-8	11.5	11
14	TGF- β /SMAD4 mediated UCP2 downregulation contributes to Aspergillus protease-induced inflammation in primary bronchial epithelial cells. <i>Redox Biology</i> , 2018 , 18, 104-113	11.3	10
13	Apocynin regulates cytokine production of CD8(+) T cells. <i>Clinical and Experimental Medicine</i> , 2014 , 14, 261-8	4.9	9
12	Role of th17 cell and autoimmunity in chronic obstructive pulmonary disease. <i>Immune Network</i> , 2010 , 10, 109-14	6.1	9

11	CD11a polymorphisms regulate TH2 cell homing and TH2-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 189-97.e1-8	11.5	8
10	Mitochondrial reactive oxygen species regulate fungal protease-induced inflammatory responses. <i>Toxicology</i> , 2017 , 378, 86-94	4.4	7
9	Endothelial Sox17 promotes allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 561-573.e6	11.5	7
8	Leukotriene enhanced allergic lung inflammation through induction of chemokine production. <i>Clinical and Experimental Medicine</i> , 2015 , 15, 233-44	4.9	7
7	Effects of 18-Glycyrrhetic Acid on Fungal Protease-Induced Airway Inflammatory Responses. <i>Mediators of Inflammation</i> , 2018 , 2018, 6461032	4.3	7
6	Interleukin-17A negatively regulates lymphangiogenesis in T helper 17 cell-mediated inflammation. <i>Mucosal Immunology</i> , 2018 , 11, 590-600	9.2	6
5	Role of citrullinated fibrinogen peptides in the activation of CD4 T cells from patients with rheumatoid arthritis. <i>Immune Network</i> , 2013 , 13, 116-22	6.1	4
4	Altered expression of phosphatase of regenerating liver gene family in non-small cell lung cancer. <i>Oncology Reports</i> , 2012 , 27, 535-40	3.5	4
3	Circulating Anti-Elastin Antibody Levels and Arterial Disease Characteristics: Associations with Arterial Stiffness and Atherosclerosis. <i>Yonsei Medical Journal</i> , 2015 , 56, 1545-51	3	2
2	Genome-wide RNA interference screening reveals a COPI-MAP2K3 pathway required for YAP regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 19994-20003	11.5	1
1	Mechanism of Allergic Asthma Pathogenesis by Protease Allergen. <i>Hanyang Medical Reviews</i> , 2013 , 33, 39		