

# Seung-Hyo Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,471  
citations

279798

23  
h-index

223800

46  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antielastin autoimmunity in tobacco smoking-induced emphysema. <i>Nature Medicine</i> , 2007, 13, 567-569.	30.7	487
2	A Protease-Activated Pathway Underlying Th Cell Type 2 Activation and Allergic Lung Disease. <i>Journal of Immunology</i> , 2002, 169, 5904-5911.	0.8	292
3	T Lymphocytes Negatively Regulate Lymph Node Lymphatic Vessel Formation. <i>Immunity</i> , 2011, 34, 96-107.	14.3	214
4	Overlapping and independent contributions of MMP2 and MMP9 to lung allergic inflammatory cell egression through decreased CC chemokines. <i>FASEB Journal</i> , 2004, 18, 995-997.	0.5	185
5	Neutrophils disturb pulmonary microcirculation in sepsis-induced acute lung injury. <i>European Respiratory Journal</i> , 2019, 53, 1800786.	6.7	160
6	Lung Myeloid Dendritic Cells Coordinately Induce T <sub>H</sub> 1 and T <sub>H</sub> 17 Responses in Human Emphysema. <i>Science Translational Medicine</i> , 2009, 1, 4ra10.	12.4	124
7	Bilirubin nanoparticles ameliorate allergic lung inflammation in a mouse model of asthma. <i>Biomaterials</i> , 2017, 140, 37-44.	11.4	93
8	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.	2.9	71
9	TH2 cells and their cytokines regulate formation and function of lymphatic vessels. <i>Nature Communications</i> , 2015, 6, 6196.	12.8	71
10	Designed Nanocage Displaying Ligand-Specific Peptide Bunches for High Affinity and Biological Activity. <i>ACS Nano</i> , 2013, 7, 7462-7471.	14.6	67
11	Basophil-derived IL-6 regulates TH17 cell differentiation and CD4 T cell immunity. <i>Scientific Reports</i> , 2017, 7, 41744.	3.3	41
12	Differential requirement for CD18 in T-helper effector homing. <i>Nature Medicine</i> , 2003, 9, 1281-1286.	30.7	40
13	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, 577-585.	5.6	39
14	Inositol polyphosphate multikinase promotes Toll-like receptor-induced inflammation by stabilizing TRAF6. <i>Science Advances</i> , 2017, 3, e1602296.	10.3	37
15	Differential mRNA expression of prostaglandin receptor subtypes in macrophage activation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2001, 65, 287-294.	2.2	36
16	Dual Protective Mechanisms of Matrix Metalloproteinases 2 and 9 in Immune Defense against <i>Streptococcus pneumoniae</i> . <i>Journal of Immunology</i> , 2011, 186, 6427-6436.	0.8	36
17	Non-transcriptional regulation of NLRP3 inflammasome signaling by IL-4. <i>Immunology and Cell Biology</i> , 2015, 93, 591-599.	2.3	35
18	Placental growth factor regulates the generation of TH17 cells to link angiogenesis with autoimmunity. <i>Nature Immunology</i> , 2019, 20, 1348-1359.	14.5	34

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19	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.	5.7	29
20	Prediction of drug-induced immune-mediated hepatotoxicity using hepatocyte-like cells derived from human embryonic stem cells. <i>Toxicology</i> , 2017, 387, 1-9.	4.2	29
21	Homing alone? CD18 in infectious and allergic disease. <i>Trends in Molecular Medicine</i> , 2004, 10, 258-262.	6.7	27
22	IL4 Receptor-Targeted Proapoptotic Peptide Blocks Tumor Growth and Metastasis by Enhancing Antitumor Immunity. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2803-2816.	4.1	25
23	CD53, a suppressor of inflammatory cytokine production, is associated with population asthma risk via the functional promoter polymorphism $\hat{\sim}$ 1560 C&T. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 3011-3018.	2.4	24
24	Natural killer cells regulate eosinophilic inflammation in chronic rhinosinusitis. <i>Scientific Reports</i> , 2016, 6, 27615.	3.3	24
25	GM-CSF and IL-4 produced by NKT cells inversely regulate IL-1 $\hat{2}$ production by macrophages. <i>Immunology Letters</i> , 2017, 182, 50-56.	2.5	20
26	Developmental Control of Integrin Expression Regulates Th2 Effector Homing. <i>Journal of Immunology</i> , 2008, 180, 4656-4667.	0.8	18
27	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.	22.5	18
28	Cigarette smoke exacerbates mouse allergic asthma through Smad proteins expressed in mast cells. <i>Respiratory Research</i> , 2011, 12, 49.	3.6	17
29	TGF- $\hat{2}$ /SMAD4 mediated UCP2 downregulation contributes to <i>Aspergillus</i> protease-induced inflammation in primary bronchial epithelial cells. <i>Redox Biology</i> , 2018, 18, 104-113.	9.0	17
30	Airway glycoprotein secretion parallels production and predicts airway obstruction in pulmonary allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 72-78.	2.9	15
31	Macelignan attenuated allergic lung inflammation and airway hyper-responsiveness in murine experimental asthma. <i>Life Sciences</i> , 2013, 92, 1093-1099.	4.3	15
32	Role of Th17 Cell and Autoimmunity in Chronic Obstructive Pulmonary Disease. <i>Immune Network</i> , 2010, 10, 109.	3.6	14
33	Interplay between Inflammatory Responses and Lymphatic Vessels. <i>Immune Network</i> , 2014, 14, 182.	3.6	14
34	Endothelial Sox17 promotes allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 561-573.e6.	2.9	13
35	Serum Elastin-Derived Peptides and Anti-Elastin Antibody in Patients with Systemic Sclerosis. <i>Journal of Korean Medical Science</i> , 2012, 27, 484.	2.5	12
36	Interleukin-17A negatively regulates lymphangiogenesis in T helper 17 cell-mediated inflammation. <i>Mucosal Immunology</i> , 2018, 11, 590-600.	6.0	11

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37	Apocynin regulates cytokine production of CD8+ T cells. <i>Clinical and Experimental Medicine</i> , 2014, 14, 261-268.	3.6	10
38	Effects of 18 $\alpha$ -Glycyrrhetic Acid on Fungal Protease-Induced Airway Inflammatory Responses. <i>Mediators of Inflammation</i> , 2018, 2018, 1-12.	3.0	10
39	CD11a polymorphisms regulate TH2 cell homing and TH2-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 189-197.e8.	2.9	9
40	Leukotriene enhanced allergic lung inflammation through induction of chemokine production. <i>Clinical and Experimental Medicine</i> , 2015, 15, 233-244.	3.6	9
41	Mitochondrial reactive oxygen species regulate fungal protease-induced inflammatory responses. <i>Toxicology</i> , 2017, 378, 86-94.	4.2	7
42	Lymph node fibroblastic reticular cells regulate differentiation and function of CD4 T cells via CD25. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	6
43	Role of Citrullinated Fibrinogen Peptides in the Activation of CD4 T Cells from Patients with Rheumatoid Arthritis. <i>Immune Network</i> , 2013, 13, 116.	3.6	5
44	Altered expression of phosphatase of regenerating liver gene family in non-small cell lung cancer. <i>Oncology Reports</i> , 2011, 27, 535-40.	2.6	4
45	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.	7.1	4
46	Circulating Anti-Elastin Antibody Levels and Arterial Disease Characteristics: Associations with Arterial Stiffness and Atherosclerosis. <i>Yonsei Medical Journal</i> , 2015, 56, 1545.	2.2	3
47	Single-Molecule Dissection of KRas and EGFR Signaling Dynamics in Individual Cancers. <i>Biophysical Journal</i> , 2013, 104, 173a-174a.	0.5	0
48	Mechanism of Allergic Asthma Pathogenesis by Protease Allergen. <i>Hanyang Medical Reviews</i> , 2013, 33, 39.	0.4	0
49	Single Molecule Diagnostic Method to Reveal Cancer-Related EGFR Signaling. <i>Biophysical Journal</i> , 2014, 106, 224a.	0.5	0
50	Abstract 11437: Circulating Anti-Elastin Antibody and Arterial Disease Characteristics: Association With Arterial Stiffness and Atherosclerosis. <i>Circulation</i> , 2014, 130, .	1.6	0