Seung-Hyo Lee

List of Publications by Year
in descending order

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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	Lymph node fibroblastic reticular cells regulate differentiation and function of CD4 T cells via CD25. Journal of Experimental Medicine, 2022, 219, .	8.5	6
2	Genome-wide RNA interference screening reveals a COPI-MAP2K3 pathway required for YAP regulation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19994-20003.	7.1	4
3	Placental growth factor regulates the generation of TH17 cells to link angiogenesis with autoimmunity. Nature Immunology, 2019, 20, 1348-1359.	14.5	34
4	Endothelial Sox17 promotes allergic airway inflammation. Journal of Allergy and Clinical Immunology, 2019, 144, 561-573.e6.	2.9	13
5	Neutrophils disturb pulmonary microcirculation in sepsis-induced acuteÂlung injury. European Respiratory Journal, 2019, 53, 1800786.	6.7	160
6	Profiling of proteinâ€“protein interactions via single-molecule techniques predicts the dependence of cancers on growth-factor receptors. Nature Biomedical Engineering, 2018, 2, 239-253.	22.5	18
7	Interleukin-17A negatively regulates lymphangiogenesis in T helper 17 cell-mediated inflammation. Mucosal Immunology, 2018, 11, 590-600.	6.0	11
8	Effects of 18Î²-Glycyrrhetinic Acid on Fungal Protease-Induced Airway Inflammatory Responses. Mediators of Inflammation, 2018, 2018, 1-12.	3.0	10
9	TGF-Î²/SMAD4 mediated UCP2 downregulation contributes to Aspergillus protease-induced inflammation in primary bronchial epithelial cells. Redox Biology, 2018, 18, 104-113.	9.0	17
10	Enhanced Th2 cell differentiation and function in the absence of Nox2. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 252-265.	5.7	29
11	GM-CSF and IL-4 produced by NKT cells inversely regulate IL-1Î² production by macrophages. Immunology Letters, 2017, 182, 50-56.	2.5	20
12	Basophil-derived IL-6 regulates TH17 cell differentiation and CD4 T cell immunity. Scientific Reports, 2017, 7, 41744.	3.3	41
13	Mitochondrial reactive oxygen species regulate fungal protease-induced inflammatory responses. Toxicology, 2017, 378, 86-94.	4.2	7
14	Inositol polyphosphate multikinase promotes Toll-like receptorâ€“induced inflammation by stabilizing TRAF6. Science Advances, 2017, 3, e1602296.	10.3	37
15	Bilirubin nanoparticles ameliorate allergic lung inflammation in a mouse model of asthma. Biomaterials, 2017, 140, 37-44.	11.4	93
16	IL4 Receptorâ€“Targeted Proapoptotic Peptide Blocks Tumor Growth and Metastasis by Enhancing Antitumor Immunity. Molecular Cancer Therapeutics, 2017, 16, 2803-2816.	4.1	25
17	Prediction of drug-induced immune-mediated hepatotoxicity using hepatocyte-like cells derived from human embryonic stem cells. Toxicology, 2017, 387, 1-9.	4.2	29
18	Natural killer cells regulate eosinophilic inflammation in chronic rhinosinusitis. Scientific Reports, 2016, 6, 27615.	3.3	24

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19	Circulating Anti-Elastin Antibody Levels and Arterial Disease Characteristics: Associations with Arterial Stiffness and Atherosclerosis. Yonsei Medical Journal, 2015, 56, 1545.	2.2	3
20	TH2 cells and their cytokines regulate formation and function of lymphatic vessels. Nature Communications, 2015, 6, 6196.	12.8	71
21	Nonâ€transcriptional regulation of NLRP3 inflammasome signaling by ILâ€4. Immunology and Cell Biology, 2015, 93, 591-599.	2.3	35
22	Leukotriene enhanced allergic lung inflammation through induction of chemokine production. Clinical and Experimental Medicine, 2015, 15, 233-244.	3.6	9
23	Interplay between Inflammatory Responses and Lymphatic Vessels. Immune Network, 2014, 14, 182.	3.6	14
24	Apocynin regulates cytokine production of CD8+ T cells. Clinical and Experimental Medicine, 2014, 14, 261-268.	3.6	10
25	CD11a polymorphisms regulate TH2 cell homing and TH2-related disease. Journal of Allergy and Clinical Immunology, 2014, 133, 189-197.e8.	2.9	9
26	Single Molecule Diagnostic Method to Reveal Cancer-Related EGFR Signaling. Biophysical Journal, 2014, 106, 224a.	0.5	0
27	Abstract 11437: Circulating Anti-Elastin Antibody and Arterial Disease Characteristics: Association With Arterial Stiffness and Atherosclerosis. Circulation, 2014, 130, .	1.6	0
28	Single-Molecule Dissection of KRas and EGFR Signaling Dynamics in Individual Cancers. Biophysical Journal, 2013, 104, 173a-174a.	0.5	0
29	CD53, a suppressor of inflammatory cytokine production, is associated with population asthma risk via the functional promoter polymorphism â^'1560 C>T. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3011-3018.	2.4	24
30	Designed Nanocage Displaying Ligand-Specific Peptide Bunches for High Affinity and Biological Activity. ACS Nano, 2013, 7, 7462-7471.	14.6	67
31	Macelignan attenuated allergic lung inflammation and airway hyper-responsiveness in murine experimental asthma. Life Sciences, 2013, 92, 1093-1099.	4.3	15
32	Innate Type 2 Immunity Is Associated with Eosinophilic Pleural Effusion in Primary Spontaneous Pneumothorax. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 577-585.	5.6	39
33	Role of Citrullinated Fibrinogen Peptides in the Activation of CD4 T Cells from Patients with Rheumatoid Arthritis. Immune Network, 2013, 13, 116.	3.6	5
34	Mechanism of Allergic Asthma Pathogenesis by Protease Allergen. Hanyang Medical Reviews, 2013, 33, 39.	0.4	0
35	Serum Elastin-Derived Peptides and Anti-Elastin Antibody in Patients with Systemic Sclerosis. Journal of Korean Medical Science, 2012, 27, 484.	2.5	12
36	Altered expression of phosphatase of regenerating liver gene family in non-small cell lung cancer. Oncology Reports, 2011, 27, 535-40.	2.6	4

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37	T Lymphocytes Negatively Regulate Lymph Node Lymphatic Vessel Formation. Immunity, 2011, 34, 96-107.	14.3	214
38	Cigarette smoke exacerbates mouse allergic asthma through Smad proteins expressed in mast cells. Respiratory Research, 2011, 12, 49.	3.6	17
39	Dual Protective Mechanisms of Matrix Metalloproteinases 2 and 9 in Immune Defense against Streptococcus pneumoniae. Journal of Immunology, 2011, 186, 6427-6436.	0.8	36
40	Role of Th17 Cell and Autoimmunity in Chronic Obstructive Pulmonary Disease. Immune Network, 2010, 10, 109.	3.6	14
41	Human rhinovirus proteinase 2A induces TH1 and TH2 immunity in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2010, 125, 1369-1378.e2.	2.9	71
42	Lung Myeloid Dendritic Cells Coordinately Induce T _H 1 and T _H 17 Responses in Human Emphysema. Science Translational Medicine, 2009, 1, 4ra10.	12.4	124
43	Developmental Control of Integrin Expression Regulates Th2 Effector Homing. Journal of Immunology, 2008, 180, 4656-4667.	0.8	18
44	Antielastin autoimmunity in tobacco smokingâ€“induced emphysema. Nature Medicine, 2007, 13, 567-569.	30.7	487
45	Overlapping and independent contributions of MMP2 and MMP9 to lung allergic inflammatory cell egression through decreased CC chemokines. FASEB Journal, 2004, 18, 995-997.	0.5	185
46	Airway glycoprotein secretion parallels production and predicts airway obstruction in pulmonary allergyâ˜†. Journal of Allergy and Clinical Immunology, 2004, 113, 72-78.	2.9	15
47	Homing alone? CD18 in infectious and allergic disease. Trends in Molecular Medicine, 2004, 10, 258-262.	6.7	27
48	Differential requirement for CD18 in T-helper effector homing. Nature Medicine, 2003, 9, 1281-1286.	30.7	40
49	A Protease-Activated Pathway Underlying Th Cell Type 2 Activation and Allergic Lung Disease. Journal of Immunology, 2002, 169, 5904-5911.	0.8	292
50	Differential mRNA expression of prostaglandin receptor subtypes in macrophage activation. Prostaglandins Leukotrienes and Essential Fatty Acids, 2001, 65, 287-294.	2.2	36