

F Eun-Hyung 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.

86

papers

4,425

citations

35

h-index

66

g-index

98

ext. papers

6,102

ext. citations

9

avg, IF

5.69

L-index

#	Paper	IF	Citations
86	Understanding Asthma Phenotypes, Endotypes, and Mechanisms of Disease. <i>Clinical Reviews in Allergy and Immunology</i> , 2019 , 56, 219-233	12.3	309
85	Distinct Effector B Cells Induced by Unregulated Toll-like Receptor 7 Contribute to Pathogenic Responses in Systemic Lupus Erythematosus. <i>Immunity</i> , 2018 , 49, 725-739.e6	32.3	303
84	Rapid isolation and profiling of a diverse panel of human monoclonal antibodies targeting the SARS-CoV-2 spike protein. <i>Nature Medicine</i> , 2020 , 26, 1422-1427	50.5	283
83	Diversity, cellular origin and autoreactivity of antibody-secreting cell population expansions in acute systemic lupus erythematosus. <i>Nature Immunology</i> , 2015 , 16, 755-65	19.1	279
82	Phenotypic and functional heterogeneity of human memory B cells. <i>Seminars in Immunology</i> , 2008 , 20, 67-82	10.7	277
81	Extrafollicular B cell responses correlate with neutralizing antibodies and morbidity in COVID-19. <i>Nature Immunology</i> , 2020 , 21, 1506-1516	19.1	272
80	Long-Lived Plasma Cells Are Contained within the CD19(-)CD38(hi)CD138(+) Subset in Human Bone Marrow. <i>Immunity</i> , 2015 , 43, 132-45	32.3	258
79	B cells as therapeutic targets in SLE. <i>Nature Reviews Rheumatology</i> , 2010 , 6, 326-37	8.1	184
78	Elucidation of seventeen human peripheral blood B-cell subsets and quantification of the tetanus response using a density-based method for the automated identification of cell populations in multidimensional flow cytometry data. <i>Cytometry Part B - Clinical Cytometry</i> , 2010 , 78 Suppl 1, S69-82	3.4	145
77	Challenges and Opportunities for Consistent Classification of Human B Cell and Plasma Cell Populations. <i>Frontiers in Immunology</i> , 2019 , 10, 2458	8.4	115
76	Measuring the frequency of mouse and human cytotoxic T cells by the Lysis spot assay: independent regulation of cytokine secretion and short-term killing. <i>Nature Medicine</i> , 2003 , 9, 231-5	50.5	93
75	Prenatal maternal anxiety predicts reduced adaptive immunity in infants. <i>Brain, Behavior, and Immunity</i> , 2013 , 32, 21-8	16.6	89
74	Extrafollicular responses in humans and SLE. <i>Immunological Reviews</i> , 2019 , 288, 136-148	11.3	81
73	Peak frequencies of circulating human influenza-specific antibody secreting cells correlate with serum antibody response after immunization. <i>Vaccine</i> , 2010 , 28, 3582-7	4.1	81
72	Regulation of antinucleoprotein IgG by systemic vaccination and its effect on influenza virus clearance. <i>Journal of Virology</i> , 2011 , 85, 5027-35	6.6	81
71	Potent high-affinity antibodies for treatment and prophylaxis of respiratory syncytial virus derived from B cells of infected patients. <i>Journal of Immunology</i> , 2009 , 183, 6338-45	5.3	73
70	Experimental infection of humans with A2 respiratory syncytial virus. <i>Antiviral Research</i> , 2004 , 63, 191-6	10.8	73

69	The TLR9 ligand CpG promotes the acquisition of Plasmodium falciparum-specific memory B cells in malaria-naïve individuals. <i>Journal of Immunology</i> , 2009 , 182, 3318-26	5.3	69
68	Epigenetic programming underpins B cell dysfunction in human SLE. <i>Nature Immunology</i> , 2019 , 20, 1071-1082	10.82	66
67	Circulating human antibody-secreting cells during vaccinations and respiratory viral infections are characterized by high specificity and lack of bystander effect. <i>Journal of Immunology</i> , 2011 , 186, 5514-21	5.3	63
66	Risk factors for respiratory failure associated with respiratory syncytial virus infection in adults. <i>Journal of Infectious Diseases</i> , 2009 , 200, 1242-6	7	61
65	Unusual immunoglobulin gene rearrangement leads to replacement of recombinational signal sequences. <i>Science</i> , 1988 , 242, 261-3	33.3	61
64	Detection of antibodies to herpes simplex virus in the cerebrospinal fluid of patients with herpes simplex encephalitis. <i>Journal of Infectious Diseases</i> , 1987 , 155, 38-44	7	59
63	Decreased influenza-specific B cell responses in rheumatoid arthritis patients treated with anti-tumor necrosis factor. <i>Arthritis Research and Therapy</i> , 2011 , 13, R209	5.7	58
62	Factors of the bone marrow microniche that support human plasma cell survival and immunoglobulin secretion. <i>Nature Communications</i> , 2018 , 9, 3698	17.4	53
61	Circulating antibody-secreting cells during acute respiratory syncytial virus infection in adults. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1659-66	7	52
60	Protein vaccines induce uncommitted IL-2-secreting human and mouse CD4 T cells, whereas infections induce more IFN-gamma-secreting cells. <i>Journal of Immunology</i> , 2006 , 176, 1465-73	5.3	49
59	Frequencies of human influenza-specific antibody secreting cells or plasmablasts post vaccination from fresh and frozen peripheral blood mononuclear cells. <i>Journal of Immunological Methods</i> , 2009 , 340, 42-7	2.5	48
58	Antibody Responses to SARS-CoV-2: Let's Stick to Known Knowns. <i>Journal of Immunology</i> , 2020 , 205, 2342-2350	5.3	44
57	Relaxed peripheral tolerance drives broad autoreactivity in severe COVID-19 2021 ,		38
56	BALDR: a computational pipeline for paired heavy and light chain immunoglobulin reconstruction in single-cell RNA-seq data. <i>Genome Medicine</i> , 2018 , 10, 20	14.4	37
55	T helper cytokine patterns: defined subsets, random expression, and external modulation. <i>Immunologic Research</i> , 2009 , 45, 173-84	4.3	37
54	Human infant respiratory syncytial virus (RSV)-specific type 1 and 2 cytokine responses ex vivo during primary RSV infection. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1779-88	7	37
53	A renewable source of donor cells for repetitive monitoring of T- and B-cell alloreactivity. <i>American Journal of Transplantation</i> , 2005 , 5, 76-86	8.7	35
52	The balance between influenza- and RSV-specific CD4 T cells secreting IL-10 or IFN-gamma in young and healthy-elderly subjects. <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 1223-9	5.6	35

51	Rapid isolation and profiling of a diverse panel of human monoclonal antibodies targeting the SARS-CoV-2 spike protein 2020 ,		33
50	The effect of steroid use in hospitalized adults with respiratory syncytial virus-related illness. <i>Chest</i> , 2011 , 140, 1155-1161	5.3	30
49	Antibodies against conserved antigens provide opportunities for reform in influenza vaccine design. <i>Frontiers in Immunology</i> , 2011 , 2, 76	8.4	29
48	Factors Affecting Early Antibody Secreting Cell Maturation Into Long-Lived Plasma Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 2138	8.4	27
47	Dominant extrafollicular B cell responses in severe COVID-19 disease correlate with robust viral-specific antibody production but poor clinical outcomes 2020 ,		26
46	Antibody Profiles According to Mild or Severe SARS-CoV-2 Infection, Atlanta, Georgia, USA, 2020. <i>Emerging Infectious Diseases</i> , 2020 , 26, 2974-2978	10.2	26
45	Automated analysis of two- and three-color fluorescent Elispot (Fluorospot) assays for cytokine secretion. <i>Computer Methods and Programs in Biomedicine</i> , 2008 , 92, 54-65	6.9	25
44	Human rhinovirus induced cytokine/chemokine responses in human airway epithelial and immune cells. <i>PLoS ONE</i> , 2014 , 9, e114322	3.7	22
43	Increase in IFN γ /IL-2(+) cells in recent human CD4 T cell responses to 2009 pandemic H1N1 influenza. <i>PLoS ONE</i> , 2013 , 8, e57275	3.7	22
42	Identification of human plasma cells with a lamprey monoclonal antibody. <i>JCI Insight</i> , 2016 , 1,	9.9	20
41	Extracellular vesicles from bone marrow-derived mesenchymal stromal cells support survival of human antibody secreting cells. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1463778	16.4	19
40	Differential transcriptome and development of human peripheral plasma cell subsets. <i>JCI Insight</i> , 2019 , 4,	9.9	19
39	Bispecific antibodies targeting distinct regions of the spike protein potentially neutralize SARS-CoV-2 variants of concern. <i>Science Translational Medicine</i> , 2021 , 13, eabj5413	17.5	18
38	Macrophages exposed to HIV viral protein disrupt lung epithelial cell integrity and mitochondrial bioenergetics via exosomal microRNA shuttling. <i>Cell Death and Disease</i> , 2019 , 10, 580	9.8	17
37	Understanding nontypeable Haemophilus influenzae and chronic obstructive pulmonary disease. <i>Current Opinion in Pulmonary Medicine</i> , 2014 , 20, 159-64	3	17
36	Dupilumab treatment for allergic bronchopulmonary aspergillosis: A case series. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 742-743	5.4	14
35	Understanding and measuring human B-cell tolerance and its breakdown in autoimmune disease. <i>Immunological Reviews</i> , 2019 , 292, 76-89	11.3	14
34	Neuropathic Pain and Itch Mechanisms Underlying Allergic Conjunctivitis. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2019 , 29, 349-356	2.3	13

33	IL-17: important for host defense, autoimmunity, and allergy?. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 2540-2	4.3	12
32	Competitive SWIFT cluster templates enhance detection of aging changes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016 , 89, 59-70	4.6	11
31	Plasma cell and serum antibody responses to influenza vaccine in preterm and full-term infants. <i>Vaccine</i> , 2017 , 35, 5163-5171	4.1	9
30	A Bioinformatic Approach to Utilize a Patient's Antibody-Secreting Cells against to Detect Challenging Musculoskeletal Infections. <i>ImmunoHorizons</i> , 2020 , 4, 339-351	2.7	9
29	Humoral immunity prevents clinical malaria during Plasmodium relapses without eliminating gametocytes. <i>PLoS Pathogens</i> , 2019 , 15, e1007974	7.6	8
28	Fever and progressive respiratory failure in three elderly family members. <i>Chest</i> , 2005 , 128, 1863-4, 1865-7	5.3	8
27	Cross-sectional IgM and IgG profiles in SARS-CoV-2 infection 2020 ,		8
26	One-Stop Serum Assay Identifies COVID-19 Disease Severity and Vaccination Responses. <i>ImmunoHorizons</i> , 2021 , 5, 322-335	2.7	8
25	Endocannabinoid receptor CB2R is significantly expressed in aspirin-exacerbated respiratory disease: a pilot study. <i>International Forum of Allergy and Rhinology</i> , 2018 , 8, 1184-1189	6.3	6
24	Ultrapotent bispecific antibodies neutralize emerging SARS-CoV-2 variants 2021 ,		6
23	Exhaled nitric oxide measurements are not influenced by anti-eosinophil therapy in patients with asthma: A retrospective analysis. <i>Annals of Allergy, Asthma and Immunology</i> , 2021 , 126, 102-104	3.2	6
22	Protection against respiratory syncytial virus by inactivated influenza virus carrying a fusion protein neutralizing epitope in a chimeric hemagglutinin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 759-770	6	5
21	Novel immunoassay for diagnosis of ongoing Clostridioides difficile infections using serum and medium enriched for newly synthesized antibodies (MENSA). <i>Journal of Immunological Methods</i> , 2021 , 492, 112932	2.5	4
20	Delayed Kinetics of IgG, but Not IgA, Antispike Antibodies in Transplant Recipients following SARS-CoV-2 Infection. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 ,	12.7	4
19	A 68-Year-Old Musician With Cough, Wheezing, and a Lung Mass. <i>Chest</i> , 2015 , 148, e181-e183	5.3	3
18	Elevated SARS-CoV-2 Antibodies Distinguish Severe Disease in Early COVID-19 Infection 2020 ,		3
17	GLaMST: Grow Lineages along Minimum Spanning Tree for B Cell Receptor Sequencing Data		2
16	Extrafollicular IgD+ B cells generate IgE antibody secreting cells in the nasal mucosa. <i>Mucosal Immunology</i> , 2021 , 14, 1144-1159	9.2	2

15	Reduced COVID-19 Vaccine Response in Patients Treated with Biologic Therapies for Asthma.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022 ,	10.2	2
14	A 48-year-old woman with a large mediastinal mass. <i>Chest</i> , 2010 , 138, 1260-4	5.3	1
13	Fevers, weight loss, and bilateral peripheral infiltrates in a young man. <i>Chest</i> , 1999 , 115, 1181-3	5.3	1
12	GLaMST: grow lineages along minimum spanning tree for b cell receptor sequencing data. <i>BMC Genomics</i> , 2020 , 21, 583	4.5	1
11	Plasma cell survival: The intrinsic drivers, migratory signals, and extrinsic regulators. <i>Immunological Reviews</i> , 2021 , 303, 138-153	11.3	1
10	A peripheral cause of asthma: Peripheral T-cell lymphoma. <i>Annals of Allergy, Asthma and Immunology</i> , 2019 , 122, 420-422	3.2	0
9	Utilizing Predictive Inflammatory Markers for Guiding the Use of Biologicals in Severe Asthma.. <i>Journal of Inflammation Research</i> , 2022 , 15, 241-249	4.8	0
8	Detection of Newly Secreted Antibodies Predicts Non-recurrence in Primary Infection.. <i>Journal of Clinical Microbiology</i> , 2022 , jcm0220121	9.7	0
7	Diagnosis of Streptococcus pneumoniae infection using circulating antibody secreting cells. <i>PLoS ONE</i> , 2021 , 16, e0259644	3.7	0
6	Inactivation of SARS-CoV-2 and COVID-19 Patient Samples for Contemporary Immunology and Metabolomics Studies.. <i>ImmunoHorizons</i> , 2022 , 6, 144-155	2.7	0
5	Response. <i>Chest</i> , 2016 , 149, 1110	5.3	
4	Immunologic Memory: B cells 2012 , 79-93		
3	Scope of the Problem, Definition, and Pathophysiology. <i>Respiratory Medicine</i> , 2020 , 1-23	0.2	
2	Wiping Out Wheezing: Novel Therapeutic Targets for Patients with Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1576-1578	10.2	
1	Recent Advances in Lung Immunobiology. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 786-788	5.7	