F Eun-Hyung Lee

List of Publications by Year
in descending order

83 papers	7,241 citations	94269 37 h-index	66788 78 g-index
98 all docs	98 docs citations	98 times ranked	11821 citing authors

#	Article	IF	Citations
1	Understanding Asthma Phenotypes, Endotypes, and Mechanisms of Disease. Clinical Reviews in Allergy and Immunology, 2019, 56, 219-233.	2.9	667
2	Distinct Effector B Cells Induced by Unregulated Toll-like Receptor 7 Contribute to Pathogenic Responses in Systemic Lupus Erythematosus. Immunity, 2018, 49, 725-739.e6.	6.6	661
3	Extrafollicular B cell responses correlate with neutralizing antibodies and morbidity in COVID-19. Nature Immunology, 2020, 21, 1506-1516.	7.0	563
4	Rapid isolation and profiling of a diverse panel of human monoclonal antibodies targeting the SARS-CoV-2 spike protein. Nature Medicine, 2020, 26, 1422-1427.	15.2	450
5	Diversity, cellular origin and autoreactivity of antibody-secreting cell population expansions in acute systemic lupus erythematosus. Nature Immunology, 2015, 16, 755-765.	7.0	434
6	Long-Lived Plasma Cells Are Contained within the CD19â^'CD38hiCD138+ Subset in Human Bone Marrow. Immunity, 2015, 43, 132-145.	6.6	415
7	Challenges and Opportunities for Consistent Classification of Human B Cell and Plasma Cell Populations. Frontiers in Immunology, 2019, 10, 2458.	2.2	323
8	Phenotypic and functional heterogeneity of human memory B cells. Seminars in Immunology, 2008, 20, 67-82.	2.7	321
9	B cells as therapeutic targets in SLE. Nature Reviews Rheumatology, 2010, 6, 326-337.	3.5	218
10	Extrafollicular responses in humans and <scp>SLE</scp>. Immunological Reviews, 2019, 288, 136-148.	2.8	179
11	Elucidation of seventeen human peripheral blood Bâ€cell subsets and quantification of the tetanus response using a densityâ€based method for the automated identification of cell populations in multidimensional flow cytometry data. Cytometry Part B - Clinical Cytometry, 2010, 78B, S69-82.	0.7	178
12	Epigenetic programming underpins B cell dysfunction in human SLE. Nature Immunology, 2019, 20, 1071-1082.	7.0	142
13	Regulation of Antinucleoprotein IgG by Systemic Vaccination and Its Effect on Influenza Virus Clearance. Journal of Virology, 2011, 85, 5027-5035.	1.5	106
14	Peak frequencies of circulating human influenza-specific antibody secreting cells correlate with serum antibody response after immunization. Vaccine, 2010, 28, 3582-3587.	1.7	104
15	Prenatal maternal anxiety predicts reduced adaptive immunity in infants. Brain, Behavior, and Immunity, 2013, 32, 21-28.	2.0	100
16	Measuring the frequency of mouse and human cytotoxic T cells by the Lysispot assay: independent regulation of cytokine secretion and short-term killing. Nature Medicine, 2003, 9, 231-236.	15.2	99
17	Factors of the bone marrow microniche that support human plasma cell survival and immunoglobulin secretion. Nature Communications, 2018, 9, 3698.	5.8	95
18	Potent High-Affinity Antibodies for Treatment and Prophylaxis of Respiratory Syncytial Virus Derived from B Cells of Infected Patients. Journal of Immunology, 2009, 183, 6338-6345.	0.4	87

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19	Experimental infection of humans with A2 respiratory syncytial virus1. Antiviral Research, 2004, 63, 191-196.	1.9	86
20	Circulating Human Antibody-Secreting Cells during Vaccinations and Respiratory Viral Infections Are Characterized by High Specificity and Lack of Bystander Effect. Journal of Immunology, 2011, 186, 5514-5521.	0.4	82
21	Decreased influenza-specific B cell responses in rheumatoid arthritis patients treated with anti-tumor necrosis factor. Arthritis Research and Therapy, 2011, 13, R209.	1.6	80
22	Bispecific antibodies targeting distinct regions of the spike protein potently neutralize SARS-CoV-2 variants of concern. Science Translational Medicine, 2021, 13, eabj5413.	5.8	79
23	Risk Factors for Respiratory Failure Associated with Respiratory Syncytial Virus Infection in Adults. Journal of Infectious Diseases, 2009, 200, 1242-1246.	1.9	73
24	The TLR9 Ligand CpG Promotes the Acquisition of Plasmodium falciparum-Specific Memory B Cells in Malaria-Naive Individuals. Journal of Immunology, 2009, 182, 3318-3326.	0.4	73
25	Detection of Antibodies to Herpes Simplex Virus in the Cerebrospinal Fluid of Patients with Herpes Simplex Encephalitis. Journal of Infectious Diseases, 1987, 155, 38-44.	1.9	72
26	Antibody Responses to SARS-CoV-2: Letâ€™s Stick to Known Knowns. Journal of Immunology, 2020, 205, 2342-2350.	0.4	69
27	Factors Affecting Early Antibody Secreting Cell Maturation Into Long-Lived Plasma Cells. Frontiers in Immunology, 2019, 10, 2138.	2.2	64
28	Unusual immunoglobulin gene rearrangement leads to replacement of recombinational signal sequences. Science, 1988, 242, 261-263.	6.0	62
29	Circulating Antibodyâ€Secreting Cells during Acute Respiratory Syncytial Virus Infection in Adults. Journal of Infectious Diseases, 2010, 202, 1659-1666.	1.9	62
30	BALDR: a computational pipeline for paired heavy and light chain immunoglobulin reconstruction in single-cell RNA-seq data. Genome Medicine, 2018, 10, 20.	3.6	60
31	Protein Vaccines Induce Uncommitted IL-2-Secreting Human and Mouse CD4 T Cells, Whereas Infections Induce More IFN-Î³-Secreting Cells. Journal of Immunology, 2006, 176, 1465-1473.	0.4	58
32	Frequencies of human influenza-specific antibody secreting cells or plasmablasts post vaccination from fresh and frozen peripheral blood mononuclear cells. Journal of Immunological Methods, 2009, 340, 42-47.	0.6	55
33	Human Rhinovirus Induced Cytokine/Chemokine Responses in Human Airway Epithelial and Immune Cells. PLoS ONE, 2014, 9, e114322.	1.1	46
34	The Effect of Steroid Use in Hospitalized Adults With Respiratory Syncytial Virus-Related Illness. Chest, 2011, 140, 1155-1161.	0.4	45
35	T helper cytokine patterns: defined subsets, random expression, and external modulation. Immunologic Research, 2009, 45, 173-184.	1.3	43
36	Antibody Profiles According to Mild or Severe SARS-CoV-2 Infection, Atlanta, Georgia, USA, 2020. Emerging Infectious Diseases, 2020, 26, 2974-2978.	2.0	41

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37	Differential transcriptome and development of human peripheral plasma cell subsets. JCI Insight, 2019, 4, .	2.3	41
38	Human Infant Respiratory Syncytial Virus (RSV)â€“Specific Type 1 and 2 Cytokine Responses Ex Vivo during Primary RSV Infection. Journal of Infectious Diseases, 2007, 195, 1779-1788.	1.9	39
39	A Renewable Source of Donor Cells for Repetitive Monitoring of T- and B-Cell Alloreactivity. American Journal of Transplantation, 2005, 5, 76-86.	2.6	37
40	The balance between influenza- and RSV-specific CD4 T cells secreting IL-10 or IFNÎ³ in young and healthy-elderly subjects. Mechanisms of Ageing and Development, 2005, 126, 1223-1229.	2.2	35
41	Antibodies against conserved antigens provide opportunities for reform in influenza vaccine design. Frontiers in Immunology, 2011, 2, 76.	2.2	34
42	Understanding and measuring human Bâ€cell tolerance and its breakdown in autoimmune disease. Immunological Reviews, 2019, 292, 76-89.	2.8	34
43	Dupilumab treatment for allergic bronchopulmonary aspergillosis: A case series. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 742-743.	2.0	33
44	Macrophages exposed to HIV viral protein disrupt lung epithelial cell integrity and mitochondrial bioenergetics via exosomal microRNA shuttling. Cell Death and Disease, 2019, 10, 580.	2.7	32
45	Automated analysis of two- and three-color fluorescent Elispot (Fluorospot) assays for cytokine secretion. Computer Methods and Programs in Biomedicine, 2008, 92, 54-65.	2.6	27
46	Extracellular vesicles from bone marrowâ€derived mesenchymal stromal cells support ex vivo survival of human antibody secreting cells. Journal of Extracellular Vesicles, 2018, 7, 1463778.	5.5	27
47	<scp>COVID</scp>â€19 and plasma cells: Is there longâ€lived protection?*. Immunological Reviews, 2022, 309, 40-63.	2.8	26
48	Increase in IFNÎ³â^'IL-2+ Cells in Recent Human CD4 T Cell Responses to 2009 Pandemic H1N1 Influenza. PLoS ONE, 2013, 8, e57275.	1.1	25
49	Plasma cell survival: The intrinsic drivers, migratory signals, and extrinsic regulators. Immunological Reviews, 2021, 303, 138-153.	2.8	24
50	Reduced COVID-19 Vaccine Response in Patients Treated with Biologic Therapies for Asthma. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1243-1245.	2.5	23
51	Understanding nontypeable Haemophilus influenzae and chronic obstructive pulmonary disease. Current Opinion in Pulmonary Medicine, 2014, 20, 159-164.	1.2	21
52	Extrafollicular IgD+ B cells generate IgE antibody secreting cells in the nasal mucosa. Mucosal Immunology, 2021, 14, 1144-1159.	2.7	21
53	Identification of human plasma cells with a lamprey monoclonal antibody. JCI Insight, 2016, 1, .	2.3	21
54	Neuropathic Pain and Itch Mechanisms Underlying Allergic Conjunctivitis. Journal of Investigational Allergology and Clinical Immunology, 2019, 29, 349-356.	0.6	20

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55	One-Stop Serum Assay Identifies COVID-19 Disease Severity and Vaccination Responses. ImmunoHorizons, 2021, 5, 322-335.	0.8	19
56	Generation of human long-lived plasma cells by developmentally regulated epigenetic imprinting. Life Science Alliance, 2022, 5, e202101285.	1.3	19
57	Humoral immunity prevents clinical malaria during Plasmodium relapses without eliminating gametocytes. PLoS Pathogens, 2019, 15, e1007974.	2.1	17
58	The Serological Sciences Network (SeroNet) for COVID-19: Depth and Breadth of Serology Assays and Plans for Assay Harmonization. MSphere, 2022, 7, .	1.3	16
59	Delayed Kinetics of IgG, but Not IgA, Antispike Antibodies in Transplant Recipients following SARS-CoV-2 Infection. Journal of the American Society of Nephrology: JASN, 2021, 32, 3221-3230.	3.0	14
60	Competitive <scp>SWIFT</scp> cluster templates enhance detection of aging changes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 59-70.	1.1	13
61	IL-17: Important for Host Defense, Autoimmunity, and Allergy?. Journal of Investigative Dermatology, 2010, 130, 2540-2542.	0.3	12
62	Plasma cell and serum antibody responses to influenza vaccine in preterm and full-term infants. Vaccine, 2017, 35, 5163-5171.	1.7	11
63	A Bioinformatic Approach to Utilize a Patientâ€™s Antibody-Secreting Cells against Staphylococcus aureus to Detect Challenging Musculoskeletal Infections. ImmunoHorizons, 2020, 4, 339-351.	0.8	11
64	Exhaled nitric oxide measurements are not influenced by anti-eosinophil therapy in patients with asthma. Annals of Allergy, Asthma and Immunology, 2021, 126, 102-104.	0.5	9
65	Fever and Progressive Respiratory Failure in Three Elderly Family Members. Chest, 2005, 128, 1863-1867.	0.4	8
66	Endocannabinoid receptor CB2R is significantly expressed in aspirinâ€exacerbated respiratory disease: a pilot study. International Forum of Allergy and Rhinology, 2018, 8, 1184-1189.	1.5	8
67	GLaMST: grow lineages along minimum spanning tree for b cell receptor sequencing data. BMC Genomics, 2020, 21, 583.	1.2	8
68	Response under pressure: deploying emerging technologies to understand B-cell-mediated immunity in COVID-19. Nature Methods, 2022, 19, 387-391.	9.0	8
69	Protection against respiratory syncytial virus by inactivated influenza virus carrying a fusion protein neutralizing epitope in a chimeric hemagglutinin. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 759-770.	1.7	7
70	Novel immunoassay for diagnosis of ongoing Clostridioides difficile infections using serum and medium enriched for newly synthesized antibodies (MENSA). Journal of Immunological Methods, 2021, 492, 112932.	0.6	7
71	Utilizing Predictive Inflammatory Markers for Guiding the Use of Biologicals in Severe Asthma. Journal of Inflammation Research, 2022, Volume 15, 241-249.	1.6	5
72	Detection of Newly Secreted Antibodies Predicts Nonrecurrence in Primary Clostridioides difficile Infection. Journal of Clinical Microbiology, 2022, 60, jcm0220121.	1.8	5

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73	Inactivation of SARS-CoV-2 and COVID-19 Patient Samples for Contemporary Immunology and Metabolomics Studies. ImmunoHorizons, 2022, 6, 144-155.	0.8	5
74	A 48-Year-Old Woman With a Large Mediastinal Mass. Chest, 2010, 138, 1260-1264.	0.4	3
75	A 68-Year-Old Musician With Cough, Wheezing, and a Lung Mass. Chest, 2015, 148, e181-e183.	0.4	3
76	Diagnosis of Streptococcus pneumoniae infection using circulating antibody secreting cells. PLoS ONE, 2021, 16, e0259644.	1.1	3
77	Fevers, Weight Loss, and Bilateral Peripheral Infiltrates in a Young Man. Chest, 1999, 115, 1181-1183.	0.4	2
78	A peripheral cause of asthma. Annals of Allergy, Asthma and Immunology, 2019, 122, 420-422.	0.5	1
79	Response. Chest, 2016, 149, 1110.	0.4	0
80	Recent Advances in Lung Immunobiology. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 786-788.	1.4	0
81	Wiping Out Wheezing: Novel Therapeutic Targets for Patients with Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1576-1578.	2.5	0
82	Editorial: Advances in Plasma Cells in Health and Disease. Frontiers in Immunology, 2020, 11, 606737.	2.2	0
83	Scope of the Problem, Definition, and Pathophysiology. Respiratory Medicine, 2020, , 1-23.	0.1	0