

Seung-Hwan Lee

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,115
citations

304368

22
h-index

288905

40
g-index

45
all docs

45
docs citations

45
times ranked

2895
citing authors

#	ARTICLE	IF	CITATIONS
1	Susceptibility to mouse cytomegalovirus is associated with deletion of an activating natural killer cell receptor of the C-type lectin superfamily. <i>Nature Genetics</i> , 2001, 28, 42-45.	9.4	354
2	Activating receptors promote NK cell expansion for maintenance, IL-10 production, and CD8 T cell regulation during viral infection. <i>Journal of Experimental Medicine</i> , 2009, 206, 2235-2251.	4.2	186
3	The Critical Role of IL-15-PI3K-mTOR Pathway in Natural Killer Cell Effector Functions. <i>Frontiers in Immunology</i> , 2014, 5, 187.	2.2	176
4	Keeping NK cells in highly regulated antiviral warfare. <i>Trends in Immunology</i> , 2007, 28, 252-259.	2.9	171
5	Functional Diversity of Mx Proteins: Variations on a Theme of Host Resistance to Infection. <i>Genome Research</i> , 2002, 12, 527-530.	2.4	116
6	Transgenic Expression of the Activating Natural Killer Receptor Ly49H Confers Resistance to Cytomegalovirus in Genetically Susceptible Mice. <i>Journal of Experimental Medicine</i> , 2003, 197, 515-526.	4.2	114
7	IL-15-PI3K-AKT-mTOR: A Critical Pathway in the Life Journey of Natural Killer Cells. <i>Frontiers in Immunology</i> , 2015, 6, 355.	2.2	102
8	Ly49H-Deficient C57BL/6 Mice: A New Mouse Cytomegalovirus-Susceptible Model Remains Resistant to Unrelated Pathogens Controlled by the NK Gene Complex. <i>Journal of Immunology</i> , 2008, 181, 6394-6405.	0.4	95
9	Cutting Edge: A Novel Mechanism Bridging Innate and Adaptive Immunity: IL-12 Induction of CD25 To Form High-Affinity IL-2 Receptors on NK Cells. <i>Journal of Immunology</i> , 2012, 189, 2712-2716.	0.4	95
10	Expansion of Human NK Cells Using K562 Cells Expressing OX40 Ligand and Short Exposure to IL-21. <i>Frontiers in Immunology</i> , 2019, 10, 879.	2.2	67
11	Targeting SLC1A5 and SLC3A2/SLC7A5 as a Potential Strategy to Strengthen Anti-Tumor Immunity in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2021, 12, 624324.	2.2	56
12	Interleukin-18 up-regulates amino acid transporters and facilitates amino acid-induced mTORC1 activation in natural killer cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 4644-4655.	1.6	53
13	Natural killer cell subsets and receptor expression in peripheral blood mononuclear cells of a healthy Korean population: Reference range, influence of age and sex, and correlation between NK cell receptors and cytotoxicity. <i>Human Immunology</i> , 2017, 78, 103-112.	1.2	41
14	Here today not gone tomorrow: Roles for activating receptors in sustaining NK cells during viral infections. <i>European Journal of Immunology</i> , 2010, 40, 923-932.	1.6	35
15	Effect of exposure to interleukin-21 at various time points on human natural killer cell culture. <i>Cytotherapy</i> , 2014, 16, 1419-1430.	0.3	35
16	Proliferation Conditions Promote Intrinsic Changes in NK Cells for an IL-10 Response. <i>Journal of Immunology</i> , 2014, 193, 354-363.	0.4	33
17	Pulsatile Tinnitus Caused by a Dilated Mastoid Emissary Vein. <i>Journal of Korean Medical Science</i> , 2013, 28, 628.	1.1	32
18	NK Cell-Specific Gata3 Ablation Identifies the Maturation Program Required for Bone Marrow Exit and Control of Proliferation. <i>Journal of Immunology</i> , 2016, 196, 1753-1767.	0.4	31

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19	Haplotype mapping indicates two independent origins for the Cm1 s susceptibility allele to cytomegalovirus infection and refines its localization within the Ly49 cluster. <i>Immunogenetics</i> , 2001, 53, 501-505.	1.2	29
20	Expansion of NK Cells Using Genetically Engineered K562 Feeder Cells. <i>Methods in Molecular Biology</i> , 2016, 1441, 167-174.	0.4	28
21	Can Natural Killer Cells Be a Principal Player in Anti-SARS-CoV-2 Immunity?. <i>Frontiers in Immunology</i> , 2020, 11, 586765.	2.2	28
22	Cloning, expression and chromosomal location of NKX6B to 10q26, a region frequently deleted in brain tumors. <i>Mammalian Genome</i> , 2001, 12, 157-162.	1.0	25
23	A triple-drug nanotherapy to target breast cancer cells, cancer stem cells, and tumor vasculature. <i>Cell Death and Disease</i> , 2021, 12, 8.	2.7	25
24	Influenza Virus Targets Class I MHC-Educated NK Cells for Immunoavoidance. <i>PLoS Pathogens</i> , 2016, 12, e1005446.	2.1	23
25	Expansion and Protection by a Virus-Specific NK Cell Subset Lacking Expression of the Inhibitory NKR-P1B Receptor during Murine Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2016, 197, 2325-2337.	0.4	19
26	Natural Killer Cell-Derived IL-10 Prevents Liver Damage During Sustained Murine Cytomegalovirus Infection. <i>Frontiers in Immunology</i> , 2019, 10, 2688.	2.2	19
27	NK cells lacking FcγRIIIb are associated with reduced liver damage in chronic hepatitis C virus infection. <i>European Journal of Immunology</i> , 2016, 46, 1020-1029.	1.6	17
28	Co-targeting Bulk Tumor and CSCs in Clinically Translatable TNBC Patient-Derived Xenografts via Combination Nanotherapy. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 1755-1764.	1.9	17
29	Thoracic Outlet Syndrome After the Nuss Procedure for the Correction of Extreme Pectus Excavatum. <i>Annals of Thoracic Surgery</i> , 2011, 91, 1975-1977.	0.7	15
30	Incorporation of a Novel CD16-Specific Single-Domain Antibody into Multispecific Natural Killer Cell Engagers With Potent ADCC. <i>Molecular Pharmaceutics</i> , 2021, 18, 2375-2384.	2.3	14
31	Expansion of cytotoxic natural killer cells in multiple myeloma patients using K562 cells expressing OX40 ligand and membrane-bound IL-18 and IL-21. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 613-625.	2.0	14
32	Maneuvering for advantage: the genetics of mouse susceptibility to virus infection. <i>Trends in Genetics</i> , 2003, 19, 447-457.	2.9	11
33	Expression of Inhibitory Receptors on T and NK Cells Defines Immunological Phenotypes of HCV Patients with Advanced Liver Fibrosis. <i>iScience</i> , 2020, 23, 101513.	1.9	11
34	Effects of Chronic Low-Dose Internal Radiation on Immune-Stimulatory Responses in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7303.	1.8	7
35	Comparison of FcγRIIIb-Deficient and CD57+ Natural Killer Cells Between Cord Blood and Adult Blood in the Cytomegalovirus-Endemic Korean Population. <i>Annals of Laboratory Medicine</i> , 2015, 35, 423-428.	1.2	5
36	Expression of Nutrient Transporters on NK Cells During Murine Cytomegalovirus Infection Is MyD88-Dependent. <i>Frontiers in Immunology</i> , 2021, 12, 654225.	2.2	5

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37	Soluble CD127 potentiates IL-7 activity in vivo in healthy mice. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 1798-1808.	1.3	5
38	Differential immunomodulation of T-cells by immunoglobulin replacement therapy in primary and secondary antibody deficiency. <i>PLoS ONE</i> , 2019, 14, e0223861.	1.1	3
39	Current Advances and Hurdles in Chimeric Antigen Receptor Technology. <i>Cancers</i> , 2020, 12, 3329.	1.7	2
40	Nanoparticles Loaded with Wnt and YAP/Mevalonate Inhibitors in Combination with Paclitaxel Stop the Growth of TNBC Patient-Derived Xenografts and Diminish Tumorigenesis. <i>Advanced Therapeutics</i> , 2020, 3, 2000123.	1.6	1
41	Title is missing!. , 2019, 14, e0223861.		0
42	Title is missing!. , 2019, 14, e0223861.		0
43	Title is missing!. , 2019, 14, e0223861.		0
44	Title is missing!. , 2019, 14, e0223861.		0
45	A New Functional Screening Platform Identifies Colistin Sulfate as an Enhancer of Natural Killer Cell Cytotoxicity. <i>Cancers</i> , 2022, 14, 2832.	1.7	0