# Liisa K Selin

List of Publications by Year
in descending order



| 88 | 6,518 | 109264 35 | 66879 78 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 94 | 94 | 94 | 6766 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | T cells in the brain enhance neonatal mortality during peripheral LCMV infection. PLoS Pathogens, 2021, 17, e1009066. | 2.1 | 2 |
| 2 | SwarmTCR: a computational approach to predict the specificity of T cell receptors. BMC Bioinformatics, 2021, 22, 422. | 1.2 | 9 |
| 3 | T cells in the brain enhance neonatal mortality during peripheral LCMV infection. , 2021, 17, e1009066. | | 0 |
| 4 | T cells in the brain enhance neonatal mortality during peripheral LCMV infection. , 2021, 17, e1009066. | | 0 |
| 5 | T cells in the brain enhance neonatal mortality during peripheral LCMV infection. , 2021, 17, e1009066. | | 0 |
| 6 | T cells in the brain enhance neonatal mortality during peripheral LCMV infection. , 2021, 17, e1009066. | | 0 |
| 7 | Epstein-Barr Virus Epitopeâ€“Major Histocompatibility Complex Interaction Combined with Convergent Recombination Drives Selection of Diverse T Cell Receptor Î± and Î² Repertoires. MBio, 2020, 11, . | 1.8 | 17 |
| 8 | CDR3Î±Âdrives selection of the immunodominant Epstein Barr virus (EBV) BRLF1-specific CD8 T cell receptor repertoire in primary infection. PLoS Pathogens, 2019, 15, e1008122. | 2.1 | 21 |
| 9 | Early Epstein-Barr Virus Genomic Diversity and Convergence toward the B95.8 Genome in Primary Infection. Journal of Virology, 2018, 92, . | 1.5 | 28 |
| 10 | Broad TCR repertoire and diverse structural solutions for recognition of an immunodominant CD8+ T cell epitope. Nature Structural and Molecular Biology, 2017, 24, 395-406. | 3.6 | 87 |
| 11 | Severity of Acute Infectious Mononucleosis Correlates with Cross-Reactive Influenza CD8 T-Cell Receptor Repertoires. MBio, 2017, 8, . | 1.8 | 36 |
| 12 | Unique influenza AÂcross-reactive memory CD8 T-cell receptor repertoire has a potential to protect against EBV seroconversion. Journal of Allergy and Clinical Immunology, 2017, 140, 1206-1210. | 1.5 | 17 |
| 13 | High Epstein-Barr Virus Load and Genomic Diversity Are Associated with Generation of gp350-Specific Neutralizing Antibodies following Acute Infectious Mononucleosis. Journal of Virology, 2017, 91, . | 1.5 | 23 |
| 14 | Heterologous Immunity and Persistent Murine Cytomegalovirus Infection. Journal of Virology, 2017, 91, . | 1.5 | 14 |
| 15 | Interpreting T-Cell Cross-reactivity through Structure: Implications for TCR-Based Cancer Immunotherapy. Frontiers in Immunology, 2017, 8, 1210. | 2.2 | 50 |
| 16 | Transient expression of ZBTB32 in anti-viral CD8+ T cells limits the magnitude of the effector response and the generation of memory. PLoS Pathogens, 2017, 13, e1006544. | 2.1 | 19 |
| 17 | Editorial overview: Viral immunology. Current Opinion in Virology, 2016, 16, vii-ix. | 2.6 | 0 |
| 18 | Changing oral vaccine to inactivated polio vaccine might increase mortality. Lancet, The, 2016, 387, 1054-1055. | 6.3 | 21 |

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|---|---|---|---|
| 19 | Narrowing of Human Influenza A Virus-Specific T Cell Receptor Î± and Î² Repertoires with Increasing Age. Journal of Virology, 2015, 89, 4102-4116. | 1.5 | 72 |
| 20 | Vaccination and heterologous immunity: educating the immune system. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 62-69. | 0.7 | 42 |
| 21 | Evaluation of non-reciprocal heterologous immunity between unrelated viruses. Virology, 2015, 482, 89-97. | 1.1 | 18 |
| 22 | Regulatory T Cells Resist Virus Infection-Induced Apoptosis. Journal of Virology, 2015, 89, 2112-2120. | 1.5 | 15 |
| 23 | Increased Immune Response Variability during Simultaneous Viral Coinfection Leads to Unpredictability in CD8 T Cell Immunity and Pathogenesis. Journal of Virology, 2015, 89, 10786-10801. | 1.5 | 23 |
| 24 | Innate PLZF+CD4+ Î±Î² T Cells Develop and Expand in the Absence of Itk. Journal of Immunology, 2014, 193, 673-687. | 0.4 | 24 |
| 25 | A small jab â€“ a big effect: nonspecific immunomodulation by vaccines. Trends in Immunology, 2013, 34, 431-439. | 2.9 | 455 |
| 26 | Clonal Exhaustion as a Mechanism to Protect Against Severe Immunopathology and Death from an Overwhelming CD8 T Cell Response. Frontiers in Immunology, 2013, 4, 475. | 2.2 | 83 |
| 27 | PC61 (Anti-CD25) Treatment Inhibits Influenza A Virus-Expanded Regulatory T Cells and Severe Lung Pathology during a Subsequent Heterologous Lymphocytic Choriomeningitis Virus Infection. Journal of Virology, 2013, 87, 12636-12647. | 1.5 | 15 |
| 28 | Antiâ€“IFN-Î³ and Peptide-Tolerization Therapies Inhibit Acute Lung Injury Induced by Cross-Reactive Influenza Aâ€“Specific Memory T Cells. Journal of Immunology, 2013, 190, 2736-2746. | 0.4 | 36 |
| 29 | Loss of Anti-Viral Immunity by Infection with a Virus Encoding a Cross-Reactive Pathogenic Epitope. PLoS Pathogens, 2012, 8, e1002633. | 2.1 | 29 |
| 30 | Natural killer cells act as rheostats modulating antiviral T cells. Nature, 2012, 481, 394-398. | 13.7 | 542 |
| 31 | Computer simulations of heterologous immunity: Highlights of an interdisciplinary cooperation. Autoimmunity, 2011, 44, 304-314. | 1.2 | 3 |
| 32 | Systematic simulation of cross-reactivity predicts ambiguity in Tk memory: It may save lives of the infected, but limits specificities vital for further responses. Autoimmunity, 2011, 44, 315-327. | 1.2 | 5 |
| 33 | Heterologous immunity: Immunopathology, autoimmunity and protection during viral infections. Autoimmunity, 2011, 44, 328-347. | 1.2 | 57 |
| 34 | A mucosal vaccination approach for herpes simplex virus type 2. Vaccine, 2011, 29, 1090-1098. | 1.7 | 16 |
| 35 | Biâ€specific MHC Heterodimers for Characterization of Crossâ€reactive T Cells. FASEB Journal, 2011, 25, . | 0.2 | 0 |
| 36 | Heterologous immunity between viruses. Immunological Reviews, 2010, 235, 244-266. | 2.8 | 272 |

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| 37 | Bi-specific MHC Heterodimers for Characterization of Cross-reactive T Cells*. Journal of Biological Chemistry, 2010, 285, 33144-33153. | 1.6 | 9 |
| 38 | CD8 T Cell Cross-Reactivity Networks Mediate Heterologous Immunity in Human EBV and Murine Vaccinia Virus Infections. Journal of Immunology, 2010, 184, 2825-2838. | 0.4 | 75 |
| 39 | Contribution of Herpesvirus Specific CD8 T Cells to Anti-Viral T Cell Response in Humans. PLoS Pathogens, 2010, 6, e1001051. | 2.1 | 72 |
| 40 | Broad Cross-Reactive TCR Repertoires Recognizing Dissimilar Epstein-Barr and Influenza A Virus Epitopes. Journal of Immunology, 2010, 185, 6753-6764. | 0.4 | 57 |
| 41 | Pathological Features of Heterologous Immunity Are Regulated by the Private Specificities of the Immune Repertoire. American Journal of Pathology, 2010, 176, 2107-2112. | 1.9 | 26 |
| 42 | Epitope Specificity and Relative Clonal Abundance Do Not Affect CD8 Differentiation Patterns during Lymphocytic Choriomeningitis Virus Infection. Journal of Virology, 2009, 83, 11795-11807. | 1.5 | 11 |
| 43 | Resistance to Vaccinia Virus Is Less Dependent on TNF under Conditions of Heterologous Immunity. Journal of Immunology, 2009, 183, 6554-6560. | 0.4 | 12 |
| 44 | Attrition of memory CD8 T cells. Nature, 2009, 459, E3-E4. | 13.7 | 21 |
| 45 | A discrete computer model of the immune system reveals competitive interactions between the humoral and cellular branch and between cross-reacting memory and naÃ¯ve responses. Vaccine, 2009, 27, 833-845. | 1.7 | 18 |
| 46 | A DNA Vaccine Prime Followed by a Liposome-Encapsulated Protein Boost Confers Enhanced Mucosal Immune Responses and Protection. Journal of Immunology, 2008, 180, 6159-6167. | 0.4 | 35 |
| 47 | Multiple Glycines in TCR Î±-Chains Determine Clonally Diverse Nature of Human T Cell Memory to Influenza A Virus. Journal of Immunology, 2008, 181, 7407-7419. | 0.4 | 38 |
| 48 | Modulation of CD4+Foxp3+ regulatory T cell responses in the lung during an acute heterologous LCMV infection in influenzaâ€immune mice. FASEB Journal, 2008, 22, 848.28. | 0.2 | 0 |
| 49 | Protection From Epsteinâ€Barr Virus (EBV) Infection Mediated by Heterologous Immunity. FASEB Journal, 2008, 22, 512-512. | 0.2 | 0 |
| 50 | Protection against Vaccinia Virus Challenge by CD8 Memory T Cells Resolved by Molecular Mimicry. Journal of Virology, 2007, 81, 934-944. | 1.5 | 34 |
| 51 | Frontiers in Nephrology: Heterologous Immunity, T Cell Cross-Reactivity, and Alloreactivity. Journal of the American Society of Nephrology: JASN, 2007, 18, 2268-2277. | 3.0 | 35 |
| 52 | Memory of mice and men: CD8 + Tâ€cell crossâ€reactivity and heterologous immunity. Immunological Reviews, 2006, 211, 164-181. | 2.8 | 168 |
| 53 | Complex T Cell Memory Repertoires Participate in Recall Responses at Extremes of Antigenic Load. Journal of Immunology, 2006, 177, 2006-2014. | 0.4 | 35 |
| 54 | IFN-Induced Attrition of CD8 T Cells in the Presence or Absence of Cognate Antigen during the Early Stages of Viral Infections. Journal of Immunology, 2006, 176, 4284-4295. | 0.4 | 108 |

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|---|---|---|---|
| 55 | Narrowed TCR repertoire and viral escape as a consequence of heterologous immunity. Journal of Clinical Investigation, 2006, 116, 1443-1456. | 3.9 | 126 |
| 56 | Private specificities of CD8 T cell responses control patterns of heterologous immunity. Journal of Experimental Medicine, 2005, 201, 523-533. | 4.2 | 121 |
| 57 | Cross-reactive influenza virus-specific CD8+ T cells contribute to lymphoproliferation in Epstein-Barr virus-associated infectious mononucleosis. Journal of Clinical Investigation, 2005, 115, 3602-3612. | 3.9 | 145 |
| 58 | CD8 T cell responses to viral infections in sequence. Cellular Microbiology, 2004, 6, 411-421. | 1.1 | 33 |
| 59 | Embedding T cells in the matrix. Nature Medicine, 2004, 10, 343-345. | 15.2 | 4 |
| 60 | Lymphocyte effector functions. Current Opinion in Immunology, 2004, 16, 257-258. | 2.4 | 2 |
| 61 | ImmunologicalMemory toViralInfections. Annual Review of Immunology, 2004, 22, 711-743. | 9.5 | 191 |
| 62 | CD8 memory T cells: cross-reactivity and heterologous immunity. Seminars in Immunology, 2004, 16, 335-347. | 2.7 | 112 |
| 63 | Plasticity of T Cell Memory Responses to Viruses. Immunity, 2004, 20, 5-16. | 6.6 | 104 |
| 64 | Specific History of Heterologous Virus Infections Determines Anti-Viral Immunity and Immunopathology in the Lung. American Journal of Pathology, 2003, 163, 1341-1355. | 1.9 | 112 |
| 65 | Virus-Specific CD8 T Cells in Peripheral Tissues Are More Resistant to Apoptosis Than Those in Lymphoid Organs. Immunity, 2003, 18, 631-642. | 6.6 | 80 |
| 66 | A Fractal Clonotype Distribution in the CD8+ Memory T Cell Repertoire Could Optimize Potential for Immune Responses. Journal of Immunology, 2003, 170, 3994-4001. | 0.4 | 85 |
| 67 | Dynamics of Memory T Cell Proliferation Under Conditions of Heterologous Immunity and Bystander Stimulation. Journal of Immunology, 2002, 169, 90-98. | 0.4 | 84 |
| 68 | Heterologous immunity and the CD8 T cell network. Seminars in Immunopathology, 2002, 24, 149-168. | 4.0 | 4 |
| 69 | T cell immunodominance and maintenance of memory regulated by unexpectedly cross-reactive pathogens. Nature Immunology, 2002, 3, 627-634. | 7.0 | 236 |
| 70 | No one is naive: the significance of heterologous T-cell immunity. Nature Reviews Immunology, 2002, 2, 417-426. | 10.6 | 429 |
| 71 | Exceptional Sequences Determined by their Cartan Matrix. Algebras and Representation Theory, 2002, 5, 201-209. | 0.4 | 3 |
| 72 | Memory CD8+ T cells in heterologous antiviral immunity and immunopathology in the lung. Nature Immunology, 2001, 2, 1067-1076. | 7.0 | 236 |

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|---|---|---|---|
| 73 | Independent Regulation of Lymphocytic Choriomeningitis Virus-Specific T Cell Memory Pools: Relative Stability of CD4 Memory Under Conditions of CD8 Memory T Cell Loss. Journal of Immunology, 2001, 166, 1554-1561. | 0.4 | 47 |
| 74 | Innate Immunity to Viruses: Control of Vaccinia Virus Infection by Î³Î´ T Cells. Journal of Immunology, 2001, 166, 6784-6794. | 0.4 | 109 |
| 75 | Evolution of the CD8 T-cell repertoire during infections11Address for correspondence: Department of Pathology, University of Massachusetts Medical School, 55 Lake Avenue North, Worcester, MA 01655, USA.. Microbes and Infection, 2000, 2, 1025-1039. | 1.0 | 33 |
| 76 | Consequences of Cross-Reactive and Bystander CTL Responses during Viral Infections. Virology, 2000, 270, 4-8. | 1.1 | 33 |
| 77 | Attrition of T Cell Memory. Immunity, 1999, 11, 733-742. | 6.6 | 261 |
| 78 | Protective Heterologous Antiviral Immunity and Enhanced Immunopathogenesis Mediated by Memory T Cell Populations. Journal of Experimental Medicine, 1998, 188, 1705-1715. | 4.2 | 249 |
| 79 | alphabeta and gammadelta T-cell networks and their roles in natural resistance to viral infections. Immunological Reviews, 1997, 159, 79-93. | 2.8 | 78 |
| 80 | Lymphocyte-dependent â€˜naturalâ€™ immunity to virus infections mediated by both natural killer cells and memory T cells. Seminars in Virology, 1996, 7, 95-102. | 4.1 | 12 |
| 81 | Reduction of otherwise remarkably stable virus-specific cytotoxic T lymphocyte memory by heterologous viral infections.. Journal of Experimental Medicine, 1996, 183, 2489-2499. | 4.2 | 202 |
| 82 | Role of apoptosis in the regulation of virus-induced T cell responses, immune suppression, and memory. Journal of Cellular Biochemistry, 1995, 59, 135-142. | 1.2 | 30 |
| 83 | Cross-reactivities in memory cytotoxic T lymphocyte recognition of heterologous viruses.. Journal of Experimental Medicine, 1994, 179, 1933-1943. | 4.2 | 315 |
| 84 | Specificity and editing by apoptosis of virus-induced cytotoxic T lymphocytes. Current Opinion in Immunology, 1994, 6, 553-559. | 2.4 | 38 |
| 85 | Peripheral blood ?-? T cells lyse fresh human brain?Derived oligodendrocytes. Annals of Neurology, 1991, 30, 794-800. | 2.8 | 124 |
| 86 | Comparison of Norfloxacin Versus Nalidixic Acid in Therapy of Acute Urinary Tract Infections. Canadian Journal of Infectious Diseases & Medical Microbiology, 1990, 1, 35-40. | 0.3 | 1 |
| 87 | NEONATAL HERPES SIMPLEX VIRUS INFECTION IN MANITOBA, 1980 TO 1986, AND IMPLICATIONS FOR PREVENTIVE STRATEGIES. Pediatric Infectious Disease Journal, 1988, 7, 733. | 1.1 | 10 |
| 88 | An unexpected increase in pituitary sensitivity to gonadotropin releasing hormone after treatment with porcine follicular fluid (inhibin) in immature hemicastrate rats. Canadian Journal of Physiology and Pharmacology, 1980, 58, 220-222. | 0.7 | 8 |