Vladimir P Badovinac

List of Publications by Year
in descending order

121 papers	8,759 citations	61687 45 h-index	54771 88 g-index
126 all docs	126 docs citations	126 times ranked	9968 citing authors

#	Article	IF	Citations
1	Novel Mouse Model of Murine Cytomegalovirusâ€“Induced Adaptive NK Cells. ImmunoHorizons, 2022, 6, 8-15.	0.8	4
2	Tcf1 preprograms the mobilization of glycolysis in central memory CD8+ T cells during recall responses. Nature Immunology, 2022, 23, 386-398.	7.0	26
3	Ectopic Tcf1 expression instills a stem-like program in exhausted CD8+ T cells to enhance viral and tumor immunity. Cellular and Molecular Immunology, 2021, 18, 1262-1277.	4.8	49
4	A Functionally Distinct CXCR3+/IFN-Î³+/IL-10+ Subset Defines Disease-Suppressive Myelin-Specific CD8 T Cells. Journal of Immunology, 2021, 206, 1151-1160.	0.4	4
5	Prolonged Reactive Oxygen Species Production following Septic Insult. ImmunoHorizons, 2021, 5, 477-488.	0.8	14
6	Protective function and durability of mouse lymph node-resident memory CD8+ T cells. ELife, 2021, 10, .	2.8	14
7	Sepsis, Cytokine Storms, and Immunopathology: The Divide between Neonates and Adults. ImmunoHorizons, 2021, 5, 512-522.	0.8	14
8	Severity of Sepsis Determines the Degree of Impairment Observed in Circulatory and Tissue-Resident Memory CD8 T Cell Populations. Journal of Immunology, 2021, 207, 1871-1881.	0.4	10
9	Sepsis and multiple sclerosis: Causative links and outcomes. Immunology Letters, 2021, 238, 40-46.	1.1	5
10	NK Cellâ€“Derived IL-10 Supports Host Survival during Sepsis. Journal of Immunology, 2021, 206, 1171-1180.	0.4	19
11	Autoimmunity Increases Susceptibility to and Mortality from Sepsis. ImmunoHorizons, 2021, 5, 844-854.	0.8	3
12	Sepsis leads to lasting changes in phenotype and function of memory CD8 T cells. ELife, 2021, 10, .	2.8	19
13	Expeditious recruitment of circulating memory CD8 TÂcells to the liver facilitates control of malaria. Cell Reports, 2021, 37, 109956.	2.9	26
14	Inducing Experimental Polymicrobial Sepsis by Cecal Ligation and Puncture. Current Protocols in Immunology, 2020, 131, e110.	3.6	25
15	Peripherally induced brain tissueâ€“resident memory CD8+ T cells mediate protection against CNS infection. Nature Immunology, 2020, 21, 938-949.	7.0	75
16	New Insights into the Immune System Using Dirty Mice. Journal of Immunology, 2020, 205, 3-11.	0.4	59
17	Worry and FRET: ROS Production Leads to Fluorochrome Tandem Degradation and impairs Interpretation of Flow Cytometric Results. Immunity, 2020, 52, 419-421.	6.6	6
18	CD4 T Cell Responses and the Sepsis-Induced Immunoparalysis State. Frontiers in Immunology, 2020, 11, 1364.	2.2	83

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19	Polymicrobial Sepsis Impairs Antigen-Specific Memory CD4 T Cell-Mediated Immunity. Frontiers in Immunology, 2020, 11, 1786.	2.2	18
20	Cutting Edge: Antitumor Immunity by Pathogen-Specific CD8 T Cells in the Absence of Cognate Antigen Recognition. Journal of Immunology, 2020, 204, 1431-1435.	0.4	25
21	Diverse CD8ÂT Cell Responses to Viral Infection Revealed by the Collaborative Cross. Cell Reports, 2020, 31, 107508.	2.9	16
22	Sepsis impedes EAE disease development and diminishes autoantigen-specific naive CD4 T cells. ELife, 2020, 9, .	2.8	16
23	Microbial Exposure Enhances Immunity to Pathogens Recognized by TLR2 but Increases Susceptibility to Cytokine Storm through TLR4 Sensitization. Cell Reports, 2019, 28, 1729-1743.e5.	2.9	74
24	A preliminary analysis of interleukin-1 ligands as potential predictive biomarkers of response to cetuximab. Biomarker Research, 2019, 7, 14.	2.8	6
25	Interleukin-1 alpha increases anti-tumor efficacy of cetuximab in head and neck squamous cell carcinoma. , 2019, 7, 79.		28
26	Sepsis-Induced State of Immunoparalysis Is Defined by Diminished CD8 T Cellâ€"Mediated Antitumor Immunity. Journal of Immunology, 2019, 203, 725-735.	0.4	21
27	Cutting Edge: Polymicrobial Sepsis Has the Capacity to Reinvigorate Tumor-Infiltrating CD8 T Cells and Prolong Host Survival. Journal of Immunology, 2019, 202, 2843-2848.	0.4	20
28	Bystander responses impact accurate detection of murine and human antigen-specific CD8+ T cells. Journal of Clinical Investigation, 2019, 129, 3894-3908.	3.9	29
29	Polymicrobial Sepsis Chronic Immunoparalysis Is Defined by Diminished Ag-Specific T Cell-Dependent B Cell Responses. Frontiers in Immunology, 2018, 9, 2532.	2.2	48
30	Ezh2 programs TFH differentiation by integrating phosphorylation-dependent activation of Bcl6 and polycomb-dependent repression of p19Arf. Nature Communications, 2018, 9, 5452.	5.8	53
31	Defining Memory CD8 T Cell. Frontiers in Immunology, 2018, 9, 2692.	2.2	313
32	Repeated Antigen Exposure Extends the Durability of Influenza-Specific Lung-Resident Memory CD8+ T Cells and Heterosubtypic Immunity. Cell Reports, 2018, 24, 3374-3382.e3.	2.9	76
33	Polymicrobial sepsis influences NK-cell-mediated immunity by diminishing NK-cell-intrinsic receptor-mediated effector responses to viral ligands or infections. PLoS Pathogens, 2018, 14, e1007405.	2.1	46
34	Sepsis-Induced T Cell Immunoparalysis: The Ins and Outs of Impaired T Cell Immunity. Journal of Immunology, 2018, 200, 1543-1553.	0.4	143
35	The transcription factor Runx3 guards cytotoxic CD8+ effector T cells against deviation towards follicular helper T cell lineage. Nature Immunology, 2017, 18, 931-939.	7.0	113
36	Differential Requirements for Tcf1 Long Isoforms in CD8+ and CD4+ T Cell Responses to Acute Viral Infection. Journal of Immunology, 2017, 199, 911-919.	0.4	53

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37	Enteric immunity, the gut microbiome, and sepsis: Rethinking the germ theory of disease. Experimental Biology and Medicine, 2017, 242, 127-139.	1.1	51
38	Time and Antigen-Stimulation History Influence Memory CD8 T Cell Bystander Responses. Frontiers in Immunology, 2017, 8, 634.	2.2	17
39	Revealing the Complexity in CD8 T Cell Responses to Infection in Inbred C57B/6 versus Outbred Swiss Mice. Frontiers in Immunology, 2017, 8, 1527.	2.2	25
40	Polymicrobial sepsis impairs bystander recruitment of effector cells to infected skin despite optimal sensing and alarming function of skin resident memory CD8 T cells. PLoS Pathogens, 2017, 13, e1006569.	2.1	47
41	Antigen Exposure History Defines CD8 T Cell Dynamics and Protection during Localized Pulmonary Infections. Frontiers in Immunology, 2017, 8, 40.	2.2	9
42	Clinical and Experimental Sepsis Impairs CD8 T-Cell-Mediated Immunity. Critical Reviews in Immunology, 2016, 36, 57-74.	1.0	55
43	Sifting through CD8 + T Cell Memory. Immunity, 2016, 45, 1184-1186.	6.6	4
44	CD8 + T Cells Utilize Highly Dynamic Enhancer Repertoires and Regulatory Circuitry in Response to Infections. Immunity, 2016, 45, 1341-1354.	6.6	79
45	Gut Microbial Membership Modulates CD4 T Cell Reconstitution and Function after Sepsis. Journal of Immunology, 2016, 197, 1692-1698.	0.4	31
46	Antigen-dependent and â€“independent contributions to primary memory CD8 T cell activation and protection following infection. Scientific Reports, 2016, 5, 18022.	1.6	14
47	Polymicrobial Sepsis Diminishes Dendritic Cell Numbers and Function Directly Contributing to Impaired Primary CD8 T Cell Responses In Vivo. Journal of Immunology, 2016, 197, 4301-4311.	0.4	48
48	NLRC4 suppresses melanoma tumor progression independently of inflammasome activation. Journal of Clinical Investigation, 2016, 126, 3917-3928.	3.9	65
49	Alterations in Antigen-Specific Naive CD4 T Cell Precursors after Sepsis Impairs Their Responsiveness to Pathogen Challenge. Journal of Immunology, 2015, 194, 1609-1620.	0.4	55
50	Polymicrobial Sepsis Increases Susceptibility to Chronic Viral Infection and Exacerbates CD8+ T Cell Exhaustion. Journal of Immunology, 2015, 195, 116-125.	0.4	48
51	Listeria monocytogenes: a model pathogen to study antigen-specific memory CD8 T cell responses. Seminars in Immunopathology, 2015, 37, 301-310.	2.8	38
52	Enhancing Dendritic Cellâ€“based Immunotherapy with IL-2/Monoclonal Antibody Complexes for Control of Established Tumors. Journal of Immunology, 2015, 195, 4537-4544.	0.4	12
53	The Timing of Stimulation and IL-2 Signaling Regulate Secondary CD8 T Cell Responses. PLoS Pathogens, 2015, 11, e1005199.	2.1	14
54	Phenotypic and Functional Alterations in Circulating Memory CD8 T Cells with Time after Primary Infection. PLoS Pathogens, 2015, 11, e1005219.	2.1	46

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55	Immunosuppression after Sepsis: Systemic Inflammation and Sepsis Induce a Loss of NaÃ¯ve T-Cells but No Enduring Cell-Autonomous Defects in T-Cell Function. PLoS ONE, 2014, 9, e115094.	1.1	52
56	Cutting Edge: Expression of FcÎ³RIIB Tempers Memory CD8 T Cell Function In Vivo. Journal of Immunology, 2014, 192, 35-39.	0.4	51
57	Polymicrobial Sepsis Alters Antigen-Dependent and -Independent Memory CD8 T Cell Functions. Journal of Immunology, 2014, 192, 3618-3625.	0.4	58
58	The Longevity of Memory CD8 T Cell Responses after Repetitive Antigen Stimulations. Journal of Immunology, 2014, 192, 5652-5659.	0.4	18
59	Diet-Induced Obesity Does Not Impact the Generation and Maintenance of Primary Memory CD8 T Cells. Journal of Immunology, 2014, 193, 5873-5882.	0.4	29
60	Impact of sepsis on CD4 T cell immunity. Journal of Leukocyte Biology, 2014, 96, 767-777.	1.5	128
61	Influence of time and number of antigen encounters on memory CD8 T cell development. Immunologic Research, 2014, 59, 35-44.	1.3	13
62	Sustained and Incomplete Recovery of Naive CD8+ T Cell Precursors after Sepsis Contributes to Impaired CD8+ T Cell Responses to Infection. Journal of Immunology, 2013, 190, 1991-2000.	0.4	73
63	T-Cell-Mediated Immunity and the Role of TRAIL in Sepsis-Induced Immunosuppression. Critical Reviews in Immunology, 2013, 33, 23-40.	1.0	43
64	Probing CD8 T Cell Responses with Listeria monocytogenes Infection. Advances in Immunology, 2012, 113, 51-80.	1.1	47
65	Population Dynamics of Naive and Memory CD8 T Cell Responses after Antigen Stimulations In Vivo. Journal of Immunology, 2012, 188, 1255-1265.	0.4	52
66	Division-linked generation of death-intermediates regulates the numerical stability of memory CD8 T cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6199-6204.	3.3	33
67	Epitope specificity of memory <scp>CD</scp>8⁺<scp>T</scp> cells dictates vaccinationâ€induced mortality in <scp>LCMV</scp>â€infected perforinâ€deficient mice. European Journal of Immunology, 2012, 42, 1488-1499.	1.6	6
68	Differential Role of â€œSignal 3â€•Inflammatory Cytokines in Regulating CD8 T Cell Expansion and Differentiation in vivo. Frontiers in Immunology, 2011, 2, 4.	2.2	19
69	Secondary CD8⁺ Tâ€cell responses are controlled by systemic inflammation. European Journal of Immunology, 2011, 41, 1321-1333.	1.6	27
70	Immune Unresponsiveness to Secondary Heterologous Bacterial Infection after Sepsis Induction Is TRAIL Dependent. Journal of Immunology, 2011, 187, 2148-2154.	0.4	56
71	The Impact of Pre-Existing Memory on Differentiation of Newly Recruited Naive CD8 T Cells. Journal of Immunology, 2011, 187, 2923-2931.	0.4	14
72	Modulating numbers and phenotype of CD8⁺ T cells in secondary immune responses. European Journal of Immunology, 2010, 40, 1916-1926.	1.6	33

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73	Repetitive Antigen Stimulation Induces Stepwise Transcriptome Diversification but Preserves a Core Signature of Memory CD8+ T Cell Differentiation. Immunity, 2010, 33, 128-140.	6.6	224
74	Differentiation and Persistence of Memory CD8+ T Cells Depend on T Cell Factor 1. Immunity, 2010, 33, 229-240.	6.6	555
75	Predicting CD62L expression during the CD8⁺ Tâ€cell response <i>in vivo</i>. Immunology and Cell Biology, 2010, 88, 157-164.	1.0	29
76	Exploiting cross-priming to generate protective CD8 T-cell immunity rapidly. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12198-12203.	3.3	51
77	Constitutive Activation of Wnt Signaling Favors Generation of Memory CD8 T Cells. Journal of Immunology, 2010, 184, 1191-1199.	0.4	157
78	Extreme CD8 T Cell Requirements for Anti-Malarial Liver-Stage Immunity following Immunization with Radiation Attenuated Sporozoites. PLoS Pathogens, 2010, 6, e1000998.	2.1	175
79	A Default Pathway of Memory CD8 T Cell Differentiation after Dendritic Cell Immunization Is Deflected by Encounter with Inflammatory Cytokines during Antigen-Driven Proliferation. Journal of Immunology, 2009, 183, 2337-2348.	0.4	89
80	Differentiation of Central Memory CD8 T Cells Is Independent of CD62L-Mediated Trafficking to Lymph Nodes. Journal of Immunology, 2009, 182, 6195-6206.	0.4	16
81	Tracking the Total CD8 T Cell Response to Infection Reveals Substantial Discordance in Magnitude and Kinetics between Inbred and Outbred Hosts. Journal of Immunology, 2009, 183, 7672-7681.	0.4	169
82	High initial frequency of TCR-transgenic CD8 T cells alters inflammation and pathogen clearance without affecting memory T cell function. Molecular Immunology, 2009, 47, 71-78.	1.0	11
83	Shaping and reshaping CD8+ T-cell memory. Nature Reviews Immunology, 2008, 8, 107-119.	10.6	493
84	Generation and maintenance of Listeria-specific CD8+ T cell responses in perforin-deficient mice chronically infected with LCMV. Virology, 2008, 370, 310-322.	1.1	7
85	Memory CD8 T cell responses exceeding a large but definable threshold provide long-term immunity to malaria. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14017-14022.	3.3	236
86	Adaptable TCR Avidity Thresholds for Negative Selection. Journal of Immunology, 2008, 181, 6770-6778.	0.4	8
87	Manipulating the Rate of Memory CD8+ T Cell Generation after Acute Infection. Journal of Immunology, 2007, 179, 53-63.	0.4	98
88	A Role for IFN-Î³ from Antigen-Specific CD8+ T Cells in Protective Immunity to<i>Listeria monocytogenes</i>. Journal of Immunology, 2007, 179, 2457-2466.	0.4	32
89	TCRÎ² Chain That Forms Peptide-Independent Alloreactive TCR Transfers Reduced Reactivity with Irrelevant Peptide/MHC Complex. Journal of Immunology, 2007, 178, 6109-6114.	0.4	5
90	Initial T Cell Receptor Transgenic Cell Precursor Frequency Dictates Critical Aspects of the CD8+ T Cell Response to Infection. Immunity, 2007, 26, 827-841.	6.6	363

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91	CD8 T cell memory development: CD4 T cell help is appreciated. Immunologic Research, 2007, 39, 94-104.	1.3	59
92	Inflaming the CD8+ T Cell Response. Immunity, 2006, 25, 19-29.	6.6	224
93	Programming, demarcating, and manipulating CD8 + Tâ€cell memory. Immunological Reviews, 2006, 211, 67-80.	2.8	142
94	Listeriolysin O-DeficientListeria monocytogenesas a Vaccine Delivery Vehicle: Antigen-Specific CD8 T Cell Priming and Protective Immunity. Journal of Immunology, 2006, 177, 4012-4020.	0.4	31
95	TRAIL Deficiency Delays, but Does Not Prevent, Erosion in the Quality of â€œHelplessâ€•Memory CD8 T Cells. Journal of Immunology, 2006, 177, 999-1006.	0.4	56
96	Accelerated CD8+ T-cell memory and prime-boost response after dendritic-cell vaccination. Nature Medicine, 2005, 11, 748-756.	15.2	362
97	In Vivo Generation of Pathogen-Specific Th1 Cells in the Absence of the IFN-Î³ Receptor. Journal of Immunology, 2005, 175, 3117-3122.	0.4	24
98	MHC class Iaâ€"restricted memory T cells inhibit expansion of a nonprotective MHC class Ib (H2-M3)â€"restricted memory response. Nature Immunology, 2004, 5, 159-168.	7.0	36
99	CD8+ T cell contraction is controlled by early inflammation. Nature Immunology, 2004, 5, 809-817.	7.0	290
100	Memory lanes. Nature Immunology, 2003, 4, 212-213.	7.0	18
101	Viral Infection Results in Massive CD8+ T Cell Expansion and Mortality in Vaccinated Perforin-Deficient Mice. Immunity, 2003, 18, 463-474.	6.6	104
102	Regulation of CD8+ T Cells Undergoing Primary and Secondary Responses to Infection in the Same Host. Journal of Immunology, 2003, 170, 4933-4942.	0.4	102
103	Deficient Anti-Listerial Immunity in the Absence of Perforin Can Be Restored by Increasing Memory CD8+ T Cell Numbers. Journal of Immunology, 2003, 171, 4254-4262.	0.4	22
104	Influence of effector molecules on the CD8+ T cell response to infection. Current Opinion in Immunology, 2002, 14, 360-365.	2.4	100
105	CD8+ T-cell homeostasis after infection: setting the â€˜curveâ€™. Microbes and Infection, 2002, 4, 441-447.	1.0	46
106	Programmed contraction of CD8+ T cells after infection. Nature Immunology, 2002, 3, 619-626.	7.0	511
107	Antidiabetogenic Effect of Pentoxifylline is Associated with Systemic and Target Tissue Modulation of Cytokines and Nitric Oxide Production. Journal of Autoimmunity, 2001, 16, 47-58.	3.0	39
108	Detection and Analysis of Antigen-Specific CD8⁺T Cells. Immunologic Research, 2001, 24, 325-332.	1.3	6

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109	Cryptococcus neoformans Neutralizes Macrophage and Astrocyte Derived Nitric Oxide without Interfering with Inducible Nitric Oxide Synthase Induction or Catalytic Activity ? Possible Involvement of Nitric Oxide Consumption. Scandinavian Journal of Immunology, 2000, 51, 384-391.	1.3	20
110	Intracellular staining for TNF and IFN-Î³ detects different frequencies of antigen-specific CD8+ T cells. Journal of Immunological Methods, 2000, 238, 107-117.	0.6	92
111	Cutting Edge: Antilisterial Activity of CD8+ T Cells Derived from TNF-Deficient and TNF/Perforin Double-Deficient Mice. Journal of Immunology, 2000, 165, 5-9.	0.4	45
112	Adaptive Immunity and Enhanced CD8+ T Cell Response to<i>Listeria monocytogenes</i>in the Absence of Perforin and IFN-Î³. Journal of Immunology, 2000, 164, 6444-6452.	0.4	81
113	Adaptive Immunity against Listeria monocytogenes in the Absence of Type I Tumor Necrosis Factor Receptor p55. Infection and Immunity, 2000, 68, 4470-4476.	1.0	24
114	Cutting Edge: OFF Cycling of TNF Production by Antigen-Specific CD8+ T Cells Is Antigen Independent. Journal of Immunology, 2000, 165, 5387-5391.	0.4	40
115	Regulation of Antigen-Specific CD8+ T Cell Homeostasis by Perforin and Interferon-gamma. Science, 2000, 290, 1354-1357.	6.0	430
116	Cyclosporin A Suppresses the Induction of Nitric Oxide Synthesis in Interferon-gamma-Treated L929 Fibroblasts. Scandinavian Journal of Immunology, 1999, 49, 126-130.	1.3	14
117	Cyclosporin A inhibits activation of inducible nitric oxide synthase in C6 glioma cell line. Brain Research, 1999, 816, 92-98.	1.1	16
118	Pentoxifylline Potentiates Nitric Oxide Production and Growth Suppression in Interferon-Î³-Treated L929 Fibroblasts. Cellular Immunology, 1998, 184, 105-111.	1.4	11
119	Interleukin-1 receptor antagonist suppresses experimental autoimmune encephalomyelitis (EAE) in rats by influencing the activation and proliferation of encephalitogenic cells. Journal of Neuroimmunology, 1998, 85, 87-95.	1.1	81
120	Rat NKRâ€•P1+CD3+Tâ€ƒcells: selective proliferation in interleukinâ€•2, diverse Tâ€•cellâ€•receptorâ€•VÎ² repertoire and polarized interferonâ€•Î³ expression. Immunology, 1998, 95, 117-125.	2.0	14
121	Cellâ€•specific effects of pentoxifylline on nitric oxide production and inducible nitric oxide synthase mRNA expression. Immunology, 1997, 92, 402-406.	2.0	38