

Nicole F Bernard

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,159
citations

471509

17
h-index

414414

32
g-index

50
all docs

50
docs citations

50
times ranked

1453
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased proportion of KIR3DS1 homozygotes in HIV-exposed uninfected individuals. <i>Aids</i> , 2008, 22, 595-599.	2.2	147
2	A combined genotype of KIR3DL1 high expressing alleles and HLA-B*57 is associated with a reduced risk of HIV infection. <i>Aids</i> , 2008, 22, 1487-1491.	2.2	125
3	HIV Protective KIR3DL1 and HLA-B Genotypes Influence NK Cell Function Following Stimulation with HLA-Devoid Cells. <i>Journal of Immunology</i> , 2010, 184, 2057-2064.	0.8	88
4	HIV Protective KIR3DL1/S1-HLA-B Genotypes Influence NK Cell-Mediated Inhibition of HIV Replication in Autologous CD4 Targets. <i>PLoS Pathogens</i> , 2014, 10, e1003867.	4.7	62
5	HIV Infection Abrogates the Functional Advantage of Natural Killer Cells Educated through KIR3DL1/HLA-Bw4 Interactions To Mediate Anti-HIV Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2012, 86, 4488-4495.	3.4	50
6	A dual color ELISPOT method for the simultaneous detection of IL-2 and IFN- γ HIV-specific immune responses. <i>Journal of Immunological Methods</i> , 2007, 320, 18-29.	1.4	42
7	Expression of ligands for activating natural killer cell receptors on cell lines commonly used to assess natural killer cell function. <i>BMC Immunology</i> , 2019, 20, 8.	2.2	40
8	Functional T cell subsets contribute differentially to HIV peptide-specific responses within infected individuals: Correlation of these functional T cell subsets with markers of disease progression. <i>Clinical Immunology</i> , 2007, 124, 57-68.	3.2	39
9	Beyond Viral Neutralization. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 760-764.	1.1	36
10	A Higher Frequency of NKG2A ⁺ than of NKG2A ⁺ NK Cells Responds to Autologous HIV-Infected CD4 Cells irrespective of Whether or Not They Coexpress KIR3DL1. <i>Journal of Virology</i> , 2015, 89, 9909-9919.	3.4	35
11	Human Immunodeficiency Virus (HIV)-Specific Gamma Interferon Secretion Directed against All Expressed HIV Genes: Relationship to Rate of CD4 Decline. <i>Journal of Virology</i> , 2005, 79, 4908-4917.	3.4	32
12	Human Immunodeficiency Virus (HIV)-Specific Effector CD8 T Cell Activity in Patients with Primary HIV Infection. <i>Journal of Infectious Diseases</i> , 2002, 185, 755-765.	4.0	28
13	Mind the Gap: Lack of Association between KIR3DL1*004/HLA-Bw4-Induced Natural Killer Cell Function and Protection from HIV Infection. <i>Journal of Infectious Diseases</i> , 2010, 202, S356-S360.	4.0	27
14	Time to Seroconversion in HIV-Exposed Subjects Carrying Protective versus Non Protective KIR3DS1/L1 and HLA-B Genotypes. <i>PLoS ONE</i> , 2014, 9, e110480.	2.5	23
15	Influence of Cytokines on HIV-Specific Antibody-Dependent Cellular Cytotoxicity Activation Profile of Natural Killer Cells. <i>PLoS ONE</i> , 2012, 7, e38580.	2.5	22
16	HIV Gag p24 specific responses secreting IFN- γ and/or IL-2 in treatment-naïve individuals in acute infection early disease (AIED) are associated with low viral load. <i>Clinical Immunology</i> , 2009, 131, 277-287.	3.2	20
17	Functional analysis of NK cell subsets activated by 721.221 and K562 HLA-null cells. <i>Journal of Leukocyte Biology</i> , 2015, 97, 761-767.	3.3	20
18	HLA-F on Autologous HIV-Infected Cells Activates Primary NK Cells Expressing the Activating Killer Immunoglobulin-Like Receptor KIR3DS1. <i>Journal of Virology</i> , 2019, 93, .	3.4	20

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19	T cell Activation does not drive CD4 decline in longitudinally followed HIV-infected Elite Controllers. <i>AIDS Research and Therapy</i> , 2011, 8, 20.	1.7	19
20	Expression Profiles of Ligands for Activating Natural Killer Cell Receptors on HIV Infected and Uninfected CD4+ T Cells. <i>Viruses</i> , 2017, 9, 295.	3.3	17
21	Natural Killer (NK) Cell Education Differentially Influences HIV Antibody-Dependent NK Cell Activation and Antibody-Dependent Cellular Cytotoxicity. <i>Frontiers in Immunology</i> , 2017, 8, 1033.	4.8	17
22	Antibody-Dependent Cellular Cytotoxicity-Competent Antibodies against HIV-1-Infected Cells in Plasma from HIV-Infected Subjects. <i>MBio</i> , 2019, 10, .	4.1	17
23	Unbiased immune profiling reveals a natural killer cell-peripheral nerve axis in fibromyalgia. <i>Pain</i> , 2022, 163, e821-e836.	4.2	16
24	On the benefits of sin. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 1532-1538.	3.3	15
25	Antibody-Dependent Cellular Cytotoxicity Activity of Effector Cells from HIV-Infected Elite and Viral Controllers. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 1079-1088.	1.1	15
26	HIV exposed seronegative (HESN) compared to HIV infected individuals have higher frequencies of telomeric Killer Immunoglobulin-like Receptor (KIR) B motifs; Contribution of KIR B motif encoded genes to NK cell responsiveness. <i>PLoS ONE</i> , 2017, 12, e0185160.	2.5	15
27	Inhibitory Killer Immunoglobulin-like receptors to self HLA-B and HLA-C ligands contribute differentially to Natural Killer cell functional potential in HIV infected slow progressors. <i>Clinical Immunology</i> , 2012, 143, 246-255.	3.2	14
28	HLA-F on HLA-Null 721.221 Cells Activates Primary NK Cells Expressing the Activating Killer Ig-like Receptor KIR3DS1. <i>Journal of Immunology</i> , 2018, 201, 113-123.	0.8	14
29	Natural killer cell education does not affect the magnitude of granzyme B delivery to target cells by antibody-dependent cellular cytotoxicity. <i>Aids</i> , 2015, 29, 1433-1443.	2.2	12
30	Differential contribution of education through KIR2DL1, KIR2DL3, and KIR3DL1 to antibody-dependent (AD) NK cell activation and ADCC. <i>Journal of Leukocyte Biology</i> , 2019, 105, 551-563.	3.3	12
31	Effect of IL-7 Therapy on Phospho-Ribosomal Protein S6 and TRAF1 Expression in HIV-Specific CD8 T Cells in Patients Receiving Antiretroviral Therapy. <i>Journal of Immunology</i> , 2018, 200, 558-564.	0.8	11
32	Comparison of HIV-specific CD8 T-cell responses among uninfected individuals exposed to HIV parenterally and mucosally. <i>Aids</i> , 2005, 19, 251-9.	2.2	11
33	The Education of NK Cells Determines Their Responsiveness to Autologous HIV-Infected CD4 T Cells. <i>Journal of Virology</i> , 2019, 93, .	3.4	10
34	Quantifying Anti-HIV Envelope-Specific Antibodies in Plasma from HIV Infected Individuals. <i>Viruses</i> , 2019, 11, 487.	3.3	10
35	Selection of human anti-HIV broadly neutralizing antibodies occurs within the context of frozen 1F7-idiotypic repertoire. <i>Aids</i> , 2011, 25, 1249-1264.	2.2	9
36	Influence of NKG2C Genotypes on HIV Susceptibility and Viral Load Set Point. <i>Journal of Virology</i> , 2021, 95, e0041721.	3.4	9

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37	Polyfunctional Fc Dependent Activity of Antibodies to Native Trimeric Envelope in HIV Elite Controllers. <i>Frontiers in Immunology</i> , 2020, 11, 583820.	4.8	8
38	Relative Contribution of HIV-Specific Functional Lymphocyte Subsets Restricted by Protective and Non-Protective HLA Alleles. <i>Viral Immunology</i> , 2011, 24, 189-198.	1.3	7
39	Changes in Function of HIV-Specific T-Cell Responses with Increasing Time from Infection. <i>Viral Immunology</i> , 2010, 23, 159-168.	1.3	6
40	Autologous HIV-1 Clade-B Nef Peptides Elicit Increased Frequency, Breadth and Function of CD8+ T-Cells Compared to Consensus Peptides. <i>PLoS ONE</i> , 2012, 7, e49562.	2.5	5
41	NK Cells Expressing the Inhibitory Killer Immunoglobulin-Like Receptors (iKIR) KIR2DL1, KIR2DL3 and KIR3DL1 Are Less Likely to Be CD16+ than Their iKIR Negative Counterparts. <i>PLoS ONE</i> , 2016, 11, e0164517.	2.5	5
42	Peculiar Phenotypic and Cytotoxic Features of Pulmonary Mucosal CD8 T Cells in People Living with HIV Receiving Long-Term Antiretroviral Therapy. <i>Journal of Immunology</i> , 2021, 206, 641-651.	0.8	5
43	Short Communication: Antibody Responses to Human Immunodeficiency Virus Envelope from Infections with Multiple Subtypes Utilize the 1F7-Idiotypic Repertoire. <i>AIDS Research and Human Retroviruses</i> , 2013, 29, 778-783.	1.1	4
44	The differential impact of natural killer (NK) cell education via KIR2DL3 and KIR3DL1 on CCL4 secretion in the context of in-vitro HIV infection. <i>Clinical and Experimental Immunology</i> , 2016, 186, 336-346.	2.6	4
45	Natural killer (NK) cell receptor-HLA ligand genotype combinations associated with protection from HIV infection: investigation of how protective genotypes influence anti HIV NK cell functions. <i>AIDS Research and Therapy</i> , 2017, 14, 38.	1.7	4
46	Distinct Plasma Concentrations of Acyl-CoA-Binding Protein (ACBP) in HIV Progressors and Elite Controllers. <i>Viruses</i> , 2022, 14, 453.	3.3	3
47	Natural Killer Cells in Antibody Independent and Antibody Dependent HIV Control. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	3
48	NK Cells in Protection from HIV Infection. <i>Viruses</i> , 2022, 14, 1143.	3.3	3
49	Dual-Color ELISPOT Assay for the Simultaneous Detection of IL-2 and/or IFN- γ Secreting T Cells. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5369.	0.3	2
50	Evolution of Antibodies to Native Trimeric Envelope and Their Fc-Dependent Functions in Untreated and Treated Primary HIV Infection. <i>Journal of Virology</i> , 2021, 95, e0162521.	3.4	1