

Eva G Rakasz

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107
papers

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h-index

69
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112
ext. papers

5,683
ext. citations

7.7
avg, IF

4.75
L-index

#	Paper	IF	Citations
107	Broadly neutralizing human anti-HIV antibody 2G12 is effective in protection against mucosal SHIV challenge even at low serum neutralizing titers. <i>PLoS Pathogens</i> , 2009 , 5, e1000433	7.6	409
106	HIV-1 VACCINES. HIV-1 neutralizing antibodies induced by native-like envelope trimers. <i>Science</i> , 2015 , 349, aac4223	33.3	394
105	Highly potent HIV-specific antibody neutralization in vitro translates into effective protection against mucosal SHIV challenge in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 18921-5	11.5	376
104	A rhesus macaque model of Asian-lineage Zika virus infection. <i>Nature Communications</i> , 2016 , 7, 12204	17.4	289
103	Broadly neutralizing monoclonal antibodies 2F5 and 4E10 directed against the human immunodeficiency virus type 1 gp41 membrane-proximal external region protect against mucosal challenge by simian-human immunodeficiency virus SHIVBa-L. <i>Journal of Virology</i> , 2010 , 84, 1302-13	6.6	273
102	Gag-specific CD8+ T lymphocytes recognize infected cells before AIDS-virus integration and viral protein expression. <i>Journal of Immunology</i> , 2007 , 178, 2746-54	5.3	224
101	Vaccine-induced cellular immune responses reduce plasma viral concentrations after repeated low-dose challenge with pathogenic simian immunodeficiency virus SIVmac239. <i>Journal of Virology</i> , 2006 , 80, 5875-85	6.6	217
100	Subdominant CD8+ T-cell responses are involved in durable control of AIDS virus replication. <i>Journal of Virology</i> , 2007 , 81, 3465-76	6.6	179
99	Vaccine-induced CD8+ T cells control AIDS virus replication. <i>Nature</i> , 2012 , 491, 129-33	50.4	148
98	Highly efficient maternal-fetal Zika virus transmission in pregnant rhesus macaques. <i>PLoS Pathogens</i> , 2017 , 13, e1006378	7.6	142
97	CD8+ T-lymphocyte response to major immunodominant epitopes after vaginal exposure to simian immunodeficiency virus: too late and too little. <i>Journal of Virology</i> , 2005 , 79, 9228-35	6.6	140
96	Macaques vaccinated with live-attenuated SIV control replication of heterologous virus. <i>Journal of Experimental Medicine</i> , 2008 , 205, 2537-50	16.6	121
95	Tetherin antagonism by Vpu protects HIV-infected cells from antibody-dependent cell-mediated cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6425-30	11.5	116
94	Vaccine-induced cellular responses control simian immunodeficiency virus replication after heterologous challenge. <i>Journal of Virology</i> , 2009 , 83, 6508-21	6.6	112
93	Heterologous Protection against Asian Zika Virus Challenge in Rhesus Macaques. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005168	4.8	98
92	Compartmentalization of simian immunodeficiency virus replication within secondary lymphoid tissues of rhesus macaques is linked to disease stage and inversely related to localization of virus-specific CTL. <i>Journal of Immunology</i> , 2014 , 193, 5613-25	5.3	96
91	A nonfucosylated variant of the anti-HIV-1 monoclonal antibody b12 has enhanced FcR11a-mediated antiviral activity in vitro but does not improve protection against mucosal SHIV challenge in macaques. <i>Journal of Virology</i> , 2012 , 86, 6189-96	6.6	96

90	Patterns of CD8+ immunodominance may influence the ability of Mamu-B*08-positive macaques to naturally control simian immunodeficiency virus SIVmac239 replication. <i>Journal of Virology</i> , 2008 , 82, 1723-38	6.6	74
89	Follicular regulatory T cells impair follicular T helper cells in HIV and SIV infection. <i>Nature Communications</i> , 2015 , 6, 8608	17.4	69
88	The antiviral efficacy of simian immunodeficiency virus-specific CD8+ T cells is unrelated to epitope specificity and is abrogated by viral escape. <i>Journal of Virology</i> , 2007 , 81, 2624-34	6.6	60
87	Simian Immunodeficiency Virus-Producing Cells in Follicles Are Partially Suppressed by CD8+ Cells In Vivo. <i>Journal of Virology</i> , 2016 , 90, 11168-11180	6.6	55
86	Adeno-Associated Virus Delivery of Anti-HIV Monoclonal Antibodies Can Drive Long-Term Virologic Suppression. <i>Immunity</i> , 2019 , 50, 567-575.e5	32.3	51
85	Host Anti-antibody Responses Following Adeno-associated Virus-mediated Delivery of Antibodies Against HIV and SIV in Rhesus Monkeys. <i>Molecular Therapy</i> , 2016 , 24, 76-86	11.7	50
84	Infection with "escaped" virus variants impairs control of simian immunodeficiency virus SIVmac239 replication in Mamu-B*08-positive macaques. <i>Journal of Virology</i> , 2009 , 83, 11514-27	6.6	47
83	Tat(28-35)SL8-specific CD8+ T lymphocytes are more effective than Gag(181-189)CM9-specific CD8+ T lymphocytes at suppressing simian immunodeficiency virus replication in a functional in vitro assay. <i>Journal of Virology</i> , 2005 , 79, 14986-91	6.6	47
82	Repeated intravaginal inoculation with cell-associated simian immunodeficiency virus results in persistent infection of nonhuman primates. <i>Journal of Infectious Diseases</i> , 2006 , 194, 912-6	7	46
81	AIDS virus specific CD8+ T lymphocytes against an immunodominant cryptic epitope select for viral escape. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2505-12	16.6	46
80	Envelope Glycoprotein Internalization Protects Human and Simian Immunodeficiency Virus-Infected Cells from Antibody-Dependent Cell-Mediated Cytotoxicity. <i>Journal of Virology</i> , 2015 , 89, 10648-55	6.6	45
79	Simian Immunodeficiency Virus (SIV)-Specific Chimeric Antigen Receptor-T Cells Engineered to Target B Cell Follicles and Suppress SIV Replication. <i>Frontiers in Immunology</i> , 2018 , 9, 492	8.4	41
78	Recombinant yellow fever vaccine virus 17D expressing simian immunodeficiency virus SIVmac239 gag induces SIV-specific CD8+ T-cell responses in rhesus macaques. <i>Journal of Virology</i> , 2010 , 84, 3699-706	6.6	41
77	Genital ulcers facilitate rapid viral entry and dissemination following intravaginal inoculation with cell-associated simian immunodeficiency virus SIVmac239. <i>Journal of Virology</i> , 2008 , 82, 4154-8	6.6	38
76	Follicular Regulatory CD8 T Cells Impair the Germinal Center Response in SIV and Ex Vivo HIV Infection. <i>PLoS Pathogens</i> , 2016 , 12, e1005924	7.6	38
75	Vaccination with cancer- and HIV infection-associated endogenous retrotransposable elements is safe and immunogenic. <i>Journal of Immunology</i> , 2012 , 189, 1467-79	5.3	37
74	Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. <i>PLoS Pathogens</i> , 2020 , 16, e1008753	7.6	37
73	Recognition of escape variants in ELISPOT does not always predict CD8+ T-cell recognition of simian immunodeficiency virus-infected cells expressing the same variant sequences. <i>Journal of Virology</i> , 2008 , 82, 575-81	6.6	36

72	ALT-803 Transiently Reduces Simian Immunodeficiency Virus Replication in the Absence of Antiretroviral Treatment. <i>Journal of Virology</i> , 2018 , 92,	6.6	30
71	Not all cytokine-producing CD8+ T cells suppress simian immunodeficiency virus replication. <i>Journal of Virology</i> , 2007 , 81, 1517-23	6.6	29
70	Gammadelta T cell receptor repertoire in blood and colonic mucosa of rhesus macaques. <i>Journal of Medical Primatology</i> , 2000 , 29, 387-96	0.7	27
69	CD8+ gamma-delta TCR+ and CD4+ T cells produce IFN- γ at 5-7 days after yellow fever vaccination in Indian rhesus macaques, before the induction of classical antigen-specific T cell responses. <i>Vaccine</i> , 2010 , 28, 8183-8	4.1	25
68	Vaccine-Induced Simian Immunodeficiency Virus-Specific CD8+ T-Cell Responses Focused on a Single Nef Epitope Select for Escape Variants Shortly after Infection. <i>Journal of Virology</i> , 2015 , 89, 10802-20	6.6	24
67	Glycerol Monolaurate Microbicide Protection against Repeat High-Dose SIV Vaginal Challenge. <i>PLoS ONE</i> , 2015 , 10, e0129465	3.7	23
66	Cytotoxic capacity of SIV-specific CD8(+) T cells against primary autologous targets correlates with immune control in SIV-infected rhesus macaques. <i>PLoS Pathogens</i> , 2013 , 9, e1003195	7.6	22
65	Importance of the CD3 marker for evaluating changes in rhesus macaque CD4/CD8 T-cell ratios. <i>Cytometry</i> , 2000 , 40, 69-75		22
64	Allogeneic lymphocytes persist and traffic in feral MHC-matched mauritian cynomolgus macaques. <i>PLoS ONE</i> , 2008 , 3, e2384	3.7	22
63	AAV-delivered eCD4-Ig protects rhesus macaques from high-dose SIVmac239 challenges. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	20
62	Dengue virus-specific CD4+ and CD8+ T lymphocytes target NS1, NS3 and NS5 in infected Indian rhesus macaques. <i>Immunogenetics</i> , 2012 , 64, 111-21	3.2	20
61	A rapid immunization strategy with a live-attenuated tetravalent dengue vaccine elicits protective neutralizing antibody responses in non-human primates. <i>Frontiers in Immunology</i> , 2014 , 5, 263	8.4	19
60	Vaccination with Gag, Vif, and Nef gene fragments affords partial control of viral replication after mucosal challenge with SIVmac239. <i>Journal of Virology</i> , 2014 , 88, 7493-516	6.6	18
59	Effective simian immunodeficiency virus-specific CD8+ T cells lack an easily detectable, shared characteristic. <i>Journal of Virology</i> , 2010 , 84, 753-64	6.6	18
58	Long-Term Delivery of an Anti-SIV Monoclonal Antibody With AAV. <i>Frontiers in Immunology</i> , 2020 , 11, 449	8.4	16
57	OMIP-028: activation panel for Rhesus macaque NK cell subsets. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015 , 87, 890-3	4.6	16
56	Vaccine-induced immune responses against both Gag and Env improve control of simian immunodeficiency virus replication in rectally challenged rhesus macaques. <i>PLoS Pathogens</i> , 2017 , 13, e1006529	7.6	16
55	The live-attenuated yellow fever vaccine 17D induces broad and potent T cell responses against several viral proteins in Indian rhesus macaques—implications for recombinant vaccine design. <i>Immunogenetics</i> , 2010 , 62, 593-600	3.2	15

54	Immunogenicity of seven new recombinant yellow fever viruses 17D expressing fragments of SIVmac239 Gag, Nef, and Vif in Indian rhesus macaques. <i>PLoS ONE</i> , 2013 , 8, e54434	3.7	14
53	V gamma 2 TCR repertoire overlap in different anatomical compartments of healthy, unrelated rhesus macaques. <i>Journal of Immunology</i> , 2001 , 166, 2296-302	5.3	14
52	Activation features of intraepithelial gamma delta T-cells of the murine vagina. <i>Immunology Letters</i> , 1996 , 54, 129-34	4.1	13
51	Effector function does not contribute to protection from virus challenge by a highly potent HIV broadly neutralizing antibody in nonhuman primates. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	13
50	High viremia is associated with high levels of in vivo major histocompatibility complex class I Downregulation in rhesus macaques infected with simian immunodeficiency virus SIVmac239. <i>Journal of Virology</i> , 2010 , 84, 5443-7	6.6	12
49	Macaque long-term nonprogressors resist superinfection with multiple CD8+ T cell escape variants of simian immunodeficiency virus. <i>Journal of Virology</i> , 2011 , 85, 530-41	6.6	12
48	Rare Control of SIVmac239 Infection in a Vaccinated Rhesus Macaque. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 843-858	1.6	11
47	GagCM9-specific CD8+ T cells expressing limited public TCR clonotypes do not suppress SIV replication in vivo. <i>PLoS ONE</i> , 2011 , 6, e23515	3.7	11
46	Rapid Transduction and Expansion of Transduced T Cells with Maintenance of Central Memory Populations. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 16, 1-10	6.4	11
45	Protection against high-dose highly pathogenic mucosal SIV challenge at very low serum neutralizing titers of the antibody-like molecule CD4-IgG2. <i>PLoS ONE</i> , 2012 , 7, e42209	3.7	10
44	KIR3DL01 upregulation on gut natural killer cells in response to SIV infection of KIR- and MHC class I-defined rhesus macaques. <i>PLoS Pathogens</i> , 2017 , 13, e1006506	7.6	10
43	Rhesus Macaques Vaccinated with , , and Manifest Early Control of SIVmac239 Replication. <i>Journal of Virology</i> , 2018 , 92,	6.6	9
42	Novel translation products from simian immunodeficiency virus SIVmac239 Env-encoding mRNA contain both Rev and cryptic T-cell epitopes. <i>Journal of Virology</i> , 2009 , 83, 10280-5	6.6	9
41	Novel simian immunodeficiency virus CTL epitopes restricted by MHC class I molecule Mamu-B*01 are highly conserved for long term in DNA/MVA-vaccinated, SHIV-challenged rhesus macaques. <i>International Immunology</i> , 2005 , 17, 637-48	4.9	9
40	The effect of WSEWS pentapeptide and WSEWS-specific monoclonal antibodies on constitutive and IL-6 induced acute-phase protein production by a human hepatoma cell line, HEPG-2. <i>Immunology Letters</i> , 1995 , 46, 183-7	4.1	9
39	Disassembly of HIV envelope glycoprotein trimer immunogens is driven by antibodies elicited via immunization. <i>Science Advances</i> , 2021 , 7,	14.3	9
38	Vaccine protection against SIVmac239 acquisition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1739-1744	11.5	9
37	A recombinant herpesviral vector containing a near-full-length SIVmac239 genome produces SIV particles and elicits immune responses to all nine SIV gene products. <i>PLoS Pathogens</i> , 2018 , 14, e1007143	7.6	9

36	Low levels of SIV-specific CD8+ T cells in germinal centers characterizes acute SIV infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007311	7.6	8
35	Mucosal antibody responses to vaccines targeting SIV protease cleavage sites or full-length Gag and Env proteins in Mauritian cynomolgus macaques. <i>PLoS ONE</i> , 2018 , 13, e0202997	3.7	8
34	Dengue Virus Evades AAV-Mediated Neutralizing Antibody Prophylaxis in Rhesus Monkeys. <i>Molecular Therapy</i> , 2017 , 25, 2323-2331	11.7	7
33	Integrin alpha4beta7 is downregulated on the surfaces of simian immunodeficiency virus SIVmac239-infected cells. <i>Journal of Virology</i> , 2010 , 84, 6344-51	6.6	7
32	Vaccination against endogenous retrotransposable element consensus sequences does not protect rhesus macaques from SIVsmE660 infection and replication. <i>PLoS ONE</i> , 2014 , 9, e92012	3.7	7
31	Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates		7
30	Liver-Directed but Not Muscle-Directed AAV-Antibody Gene Transfer Limits Humoral Immune Responses in Rhesus Monkeys. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 16, 94-102	6.4	7
29	Maintenance of AP-2-Dependent Functional Activities of Nef Restricts Pathways of Immune Escape from CD8 T Lymphocyte Responses. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
28	Acute phase CD8+ T lymphocytes against alternate reading frame epitopes select for rapid viral escape during SIV infection. <i>PLoS ONE</i> , 2013 , 8, e61383	3.7	6
27	Vaccine protection against rectal acquisition of SIVmac239 in rhesus macaques. <i>PLoS Pathogens</i> , 2019 , 15, e1008015	7.6	5
26	Long-Term Protection of Rhesus Macaques from Zika Virus Reinfection. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
25	Ex vivo analysis of SIV-infected cells by flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010 , 77, 1059-66	4.6	5
24	Separate regulation of a membrane protein, gp130, present in receptor complex specific for interleukin-6 and other functionally related cytokines. <i>Journal of Molecular Recognition</i> , 1994 , 7, 277-81	2.6	5
23	OMIP-035: Functional analysis of natural killer cell subsets in macaques. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016 , 89, 799-802	4.6	4
22	Acute Viral Escape Selectively Impairs Nef-Mediated Major Histocompatibility Complex Class I Downmodulation and Increases Susceptibility to Antiviral T Cells. <i>Journal of Virology</i> , 2016 , 90, 2119-26	6.6	4
21	Neutrophil progenitor populations of rhesus macaques. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 113-121	6.5	4
20	Use of a Recombinant Gamma-2 Herpesvirus Vaccine Vector against Dengue Virus in Rhesus Monkeys. <i>Journal of Virology</i> , 2017 , 91,	6.6	3
19	A rhesus macaque model of Asia lineage Zika virus infection		3

18	Rectal Acquisition of Simian Immunodeficiency Virus (SIV) SIVmac239 Infection despite Vaccine-Induced Immune Responses against the Entire SIV Proteome. <i>Journal of Virology</i> , 2020 , 94,	6.6	3
17	The Frequency of Vaccine-Induced T-Cell Responses Does Not Predict the Rate of Acquisition after Repeated Intrarectal SIVmac239 Challenges in Rhesus Macaques. <i>Journal of Virology</i> , 2019 , 93,	6.6	3
16	Induction of Transient Virus Replication Facilitates Antigen-Independent Isolation of SIV-Specific Monoclonal Antibodies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 16, 225-237	6.4	2
15	Immunogenicity of trimethoprim/sulfamethoxazole in a macaque model of HIV infection. <i>Toxicology</i> , 2016 , 368-369, 10-18	4.4	2
14	CAR/CXCR5-T cell immunotherapy is safe and potentially efficacious in promoting sustained remission of SIV infection.. <i>PLoS Pathogens</i> , 2022 , 18, e1009831	7.6	2
13	Heterologous protection against Asian Zika virus challenge in rhesus macaques		2
12	Long-term protection of rhesus macaques from Zika virus reinfection		2
11	Cervico-Vaginal Inflammatory Cytokine and Chemokine Responses to Two Different SIV Immunogens. <i>Frontiers in Immunology</i> , 2020 , 11, 1935	8.4	2
10	Disassembly of HIV envelope glycoprotein trimer immunogens is driven by antibodies elicited via immunization 2021 ,		2
9	A Recombinant Rhesus Monkey Rhadinovirus Deleted of Glycoprotein L Establishes Persistent Infection of Rhesus Macaques and Elicits Conventional T Cell Responses. <i>Journal of Virology</i> , 2020 , 94,	6.6	1
8	Immunophenotyping of Rhesus CMV-Specific CD8 T-Cell Populations. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021 , 99, 278-288	4.6	1
7	Rhesus Cytomegalovirus-Specific CD8 Cytotoxic T Lymphocytes Do Not Become Functionally Exhausted in Chronic SIVmac239 Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 1960	8.4	0
6	Non-neutralizing Antibodies May Contribute to Suppression of SIVmac239 Viremia in Indian Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021 , 12, 657424	8.4	0
5	Recombinant Herpesvirus Vectors: Durable Immune Responses and Durable Protection against Simian Immunodeficiency Virus SIVmac239 Acquisition. <i>Journal of Virology</i> , 2021 , 95, e0033021	6.6	0
4	An Automated Fluorescence-Based Method to Isolate Bone Marrow-Derived Plasma Cells from Rhesus Macaques Using SIVmac239 SOSIP.664. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 18, 781-790	6.4	
3	Use of a gamma-2 herpesvirus as a vector to deliver antibodies to rhesus monkeys. <i>Gene Therapy</i> , 2017 , 24, 487-492	4	
2	Modulation of cytosine arabinoside-induced proliferation inhibition by exogenous adenosylmethionine. <i>Cancer Chemotherapy and Pharmacology</i> , 1991 , 28, 484-6	3.5	
1	SOSIP trimer-specific antibodies isolated from a SHIV-infected monkey with versus without a pre-blocking step with gp41. <i>Journal of Virology</i> , 2021 , JVI0158221	6.6	

