

Roberto F Speck

List of Publications by Year in descending order

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91
papers

3,399
citations

182225

30
h-index

175968

55
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96
all docs

96
docs citations

96
times ranked

5174
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunophenotypic characterization of TCR β T cells and MAIT cells in HIV-infected individuals developing Hodgkin's lymphoma. <i>Infectious Agents and Cancer</i> , 2021, 16, 24.	1.2	3
2	The ADAM17-directed Inhibitory Antibody MEDI3622 Antagonizes Radiotherapy-induced VEGF Release and Sensitizes Non-Small Cell Lung Cancer for Radiotherapy. <i>Cancer Research Communications</i> , 2021, 1, 164-177.	0.7	7
3	In utero Hepatitis B Immunization during Fetal Surgery for Spina Bifida. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 328-332.	0.6	6
4	Impact of Suboptimal APOBEC3G Neutralization on the Emergence of HIV Drug Resistance in Humanized Mice. <i>Journal of Virology</i> , 2020, 94, .	1.5	11
5	Polymorphisms of SOCS-1 Are Associated With a Rapid HIV Progression Rate. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 84, 189-195.	0.9	4
6	EBV renders B cells susceptible to HIV-1 in humanized mice. <i>Life Science Alliance</i> , 2020, 3, e202000640.	1.3	22
7	Efficient Human Cytomegalovirus Replication in Primary Endothelial Cells Is SOCS3 Dependent. <i>Intervirology</i> , 2019, 62, 80-89.	1.2	1
8	Reply to Hasenkrug et al., "Different Biological Activities of Specific Interferon Alpha Subtypes". <i>MSphere</i> , 2019, 4, .	1.3	4
9	Optimizing Synthetic miRNA Minigene Architecture for Efficient miRNA Hairpin Concatenation and Multi-target Gene Knockdown. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 351-363.	2.3	11
10	Dose-Dependent Differences in HIV Inhibition by Different Interferon Alpha Subtypes While Having Overall Similar Biologic Effects. <i>MSphere</i> , 2019, 4, .	1.3	14
11	Antiviral Activity of HIV gp120-Targeting Bispecific T Cell Engager Antibody Constructs. <i>Journal of Virology</i> , 2018, 92, .	1.5	29
12	Monitoring HIV DNA and cellular activation markers in HIV-infected humanized mice under cART. <i>Virology Journal</i> , 2018, 15, 191.	1.4	11
13	Impairment of CCR6+ and CXCR3+ Th Cell Migration in HIV-1 Infection Is Rescued by Modulating Actin Polymerization. <i>Journal of Immunology</i> , 2017, 198, 184-195.	0.4	21
14	Promising Role of Toll-Like Receptor 8 Agonist in Concert with Prostratin for Activation of Silent HIV. <i>Journal of Virology</i> , 2017, 91, .	1.5	24
15	Long-term leukocyte reconstitution in NSG mice transplanted with human cord blood hematopoietic stem and progenitor cells. <i>BMC Immunology</i> , 2017, 18, 28.	0.9	55
16	Differential Dynamics of HIV Infection in Humanized MISTRG versus MITRG Mice. <i>ImmunoHorizons</i> , 2017, 1, 162-175.	0.8	9
17	Humanised mouse models for haematopoiesis and infectious diseases. <i>Swiss Medical Weekly</i> , 2017, 147, w14516.	0.8	5
18	Similar efficacy of broad-range ITS PCR and conventional fungal culture for diagnosing fungal infections in non-immunocompromised patients. <i>BMC Microbiology</i> , 2016, 16, 132.	1.3	16

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19	Interferon γ Enhanced Clearance of Group A Streptococcus Despite Neutropenia. <i>Journal of Infectious Diseases</i> , 2016, 214, 321-328.	1.9	12
20	Repeated Cycles of Recombinant Human Interleukin 7 in HIV-Infected Patients With Low CD4 T-Cell Reconstitution on Antiretroviral Therapy: Results of 2 Phase II Multicenter Studies. <i>Clinical Infectious Diseases</i> , 2016, 62, 1178-1185.	2.9	59
21	Telomerase Activity Impacts on Epstein-Barr Virus Infection of AGS Cells. <i>PLoS ONE</i> , 2015, 10, e0123645.	1.1	6
22	Lentivector Knockdown of CCR5 in Hematopoietic Stem and Progenitor Cells Confers Functional and Persistent HIV-1 Resistance in Humanized Mice. <i>Journal of Virology</i> , 2015, 89, 6761-6772.	1.5	30
23	Long lasting control of viral rebound with a new drug ABX464 targeting Rev mediated viral RNA biogenesis. <i>Retrovirology</i> , 2015, 12, 30.	0.9	78
24	Vpx mediated degradation of SAMHD1 has only a very limited effect on lentiviral transduction rate in ex vivo cultured HSPCs. <i>Stem Cell Research</i> , 2015, 15, 271-280.	0.3	10
25	Ribavirin Concentrations Do Not Predict Sustained Virological Response in HIV/HCV-Coinfected Patients Treated with Ribavirin and Pegylated Interferon in the Swiss HIV Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0133879.	1.1	5
26	Activation of NF- κ B via Endosomal Toll-Like Receptor 7 (TLR7) or TLR9 Suppresses Murine Herpesvirus 68 Reactivation. <i>Journal of Virology</i> , 2014, 88, 10002-10012.	1.5	22
27	Antibiotic susceptibility of <i>Clostridium difficile</i> is similar worldwide over two decades despite widespread use of broad-spectrum antibiotics: an analysis done at the University Hospital of Zurich. <i>BMC Infectious Diseases</i> , 2014, 14, 607.	1.3	29
28	Optimization of Critical Hairpin Features Allows miRNA-based Gene Knockdown Upon Single-copy Transduction. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e207.	2.3	17
29	Triggering TLR2, -3, -4, -5, and -8 Reinforces the Restrictive Nature of M1- and M2-Polarized Macrophages to HIV. <i>Journal of Virology</i> , 2014, 88, 9769-9781.	1.5	38
30	Antiretroviral Treatment Testing in HIV-Infected Humanized Mice. , 2014, , 361-380.		2
31	Early gene expression changes by Epstein-Barr virus infection of B-cells indicate CDKs and survivin as therapeutic targets for post-transplant lymphoproliferative diseases. <i>International Journal of Cancer</i> , 2013, 133, 2341-2350.	2.3	12
32	Humanized Mice Recapitulate Key Features of HIV-1 Infection: A Novel Concept Using Long-Acting Anti-Retroviral Drugs for Treating HIV-1. <i>PLoS ONE</i> , 2012, 7, e38853.	1.1	72
33	Modeling HIV infection and therapies in humanized mice. <i>Swiss Medical Weekly</i> , 2012, 142, w13618.	0.8	28
34	Nodular regenerative hyperplasia of the liver associated with didanosine persists for years even after its interruption. <i>BMJ Case Reports</i> , 2011, 2011, bcr0320113928-bcr0320113928.	0.2	4
35	HIV interferes with SOCS1 and β expression levels driving immune activation. <i>European Journal of Immunology</i> , 2011, 41, 1058-1069.	1.6	28
36	Evaluation of the Immunomodulatory and Antiviral Effects of the Cytokine Combination IFN- γ and IL-7 in the Lymphocytic Choriomeningitis Virus and Friend Retrovirus Mouse Infection Models. <i>Viral Immunology</i> , 2011, 24, 375-385.	0.6	6

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37	Broad-Range 16S rRNA Gene Polymerase Chain Reaction for Diagnosis of Culture-Negative Bacterial Infections. <i>Clinical Infectious Diseases</i> , 2011, 53, 1245-1251.	2.9	152
38	TLR8 Activates HIV from Latently Infected Cells of Myeloid-Monocytic Origin Directly via the MAPK Pathway and from Latently Infected CD4+ T Cells Indirectly via TNF- α . <i>Journal of Immunology</i> , 2011, 186, 4314-4324.	0.4	47
39	TLR9 triggering in Burkitt's lymphoma cell lines suppresses the EBV BZLF1 transcription via histone modification. <i>Oncogene</i> , 2010, 29, 4588-4598.	2.6	26
40	β 2-Integrin Expression Increases Susceptibility of Memory B Cells to Epstein-Barr Virus Infection. <i>Journal of Virology</i> , 2010, 84, 6667-6677.	1.5	26
41	Recognition of Potentially Novel Human Disease-Associated Pathogens by Implementation of Systematic 16S rRNA Gene Sequencing in the Diagnostic Laboratory. <i>Journal of Clinical Microbiology</i> , 2010, 48, 3397-3402.	1.8	14
42	Short Communication: B Cells from HIV-Infected Patients with Primary Central Nervous System Lymphoma Display an Activated Phenotype and Have a Blunted TNF- α Response to TLR9 Triggering. <i>AIDS Research and Human Retroviruses</i> , 2010, 26, 1063-1074.	0.5	6
43	Low Postseroconversion CD4 Count and Rapid Decrease of CD4 Density Identify HIV+ Fast Progressors. <i>AIDS Research and Human Retroviruses</i> , 2010, 26, 997-1005.	0.5	9
44	Inadequate Clearance of Translocated Bacterial Products in HIV-Infected Humanized Mice. <i>PLoS Pathogens</i> , 2010, 6, e1000867.	2.1	63
45	Immuno-chemotherapy reduces recurrence of malignant pleural mesothelioma: an experimental setting. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 457-462.	0.6	10
46	Disturbance of the gut-associated lymphoid tissue is associated with disease progression in chronic HIV infection. <i>Seminars in Immunopathology</i> , 2009, 31, 257-266.	2.8	50
47	Plasma cell toll-like receptor (TLR) expression differs from that of B cells, and plasma cell TLR triggering enhances immunoglobulin production. <i>Immunology</i> , 2009, 128, 573-579.	2.0	90
48	Cellular immune responses and disease control in acute AIDS-associated Kaposi's sarcoma. <i>Aids</i> , 2009, 23, 1918-1922.	1.0	28
49	Triggering TLR7 in mice induces immune activation and lymphoid system disruption, resembling HIV-mediated pathology. <i>Blood</i> , 2009, 113, 377-388.	0.6	126
50	RAG2 ^{-/-} β 2-Integrin ^{-/-} Mice Transplanted with CD34 ⁺ Cells from Human Cord Blood Show Low Levels of Intestinal Engraftment and Are Resistant to Rectal Transmission of Human Immunodeficiency Virus. <i>Journal of Virology</i> , 2008, 82, 12145-12153.	1.5	40
51	Distinct Ex Vivo Susceptibility of B-Cell Subsets to Epstein-Barr Virus Infection According to Differentiation Status and Tissue Origin. <i>Journal of Virology</i> , 2008, 82, 4400-4412.	1.5	26
52	Antigen kinetics determines immune reactivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5189-5194.	3.3	158
53	Anti-HIV Activity Mediated by Natural Killer and CD8+ Cells after Toll-Like Receptor 7/8 Triggering. <i>PLoS ONE</i> , 2008, 3, e1999.	1.1	34
54	Polymorphisms in Toll-like receptor 9 influence the clinical course of HIV-1 infection. <i>Aids</i> , 2007, 21, 441-446.	1.0	139

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55	Adaptation of the Ultrasensitive HIV-1 p24 Antigen Assay to Dried Blood Spot Testing. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2007, 44, 247-253.	0.9	23
56	Immune activation suppresses initiation of lytic Epstein-Barr virus infection. <i>Cellular Microbiology</i> , 2007, 9, 2055-2069.	1.1	30
57	Methadone-induced Torsade de pointes after stopping lopinavir/ritonavir. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2007, 26, 367-369.	1.3	32
58	Disseminated and sustained HIV-infection in CD34+ cord blood cell transplanted Rag2 ^{-/-} gc ^{-/-} mice. <i>Retrovirology</i> , 2006, 3, S31.	0.9	1
59	Ultrasensitive quantitative HIV-1 p24 antigen assay adapted to dried plasma spots to improve treatment monitoring in low-resource settings. <i>Journal of Clinical Virology</i> , 2006, 36, 64-67.	1.6	19
60	Disseminated and sustained HIV infection in CD34+ cord blood cell-transplanted Rag2 ^{-/-} gc ^{-/-} mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15951-15956.	3.3	224
61	Anti-HIV State but Not Apoptosis Depends on IFN Signature in CD4+ T Cells. <i>Journal of Immunology</i> , 2006, 177, 6227-6237.	0.4	32
62	TLR7/8 Triggering Exerts Opposing Effects in Acute versus Latent HIV Infection. <i>Journal of Immunology</i> , 2006, 176, 2888-2895.	0.4	110
63	Disseminated and Sustained HIV-Infection in CD34+ Cord Blood Cell Transplanted Rag2 ^{-/-} gc ^{-/-} Mice.. <i>Blood</i> , 2006, 108, 489-489.	0.6	0
64	Dose-dependent influence of didanosine on immune recovery in HIV-infected patients treated with tenofovir. <i>Aids</i> , 2005, 19, 1987-1994.	1.0	29
65	Rapidly Destructive <i>Staphylococcus epidermidis</i> Endocarditis. <i>Infection</i> , 2005, 33, 148-150.	2.3	16
66	Uncoupled Anti-HIV and Immune-Enhancing Effects when Combining IFN- γ and IL-7. <i>Journal of Immunology</i> , 2005, 175, 3724-3736.	0.4	12
67	CpG Oligodeoxynucleotides Block Human Immunodeficiency Virus Type 1 Replication in Human Lymphoid Tissue Infected Ex Vivo. <i>Journal of Virology</i> , 2004, 78, 12344-12354.	1.5	42
68	HIV-Specific Cellular Immune Response Is Inversely Correlated with Disease Progression as Defined by Decline of CD4+T Cells in Relation to HIV RNA Load. <i>Journal of Infectious Diseases</i> , 2004, 189, 1199-1208.	1.9	26
69	HIV-1 Does Not Provoke Alteration of Cytokine Gene Expression in Lymphoid Tissue after Acute Infection Ex Vivo. <i>Journal of Immunology</i> , 2004, 172, 2687-2696.	0.4	22
70	CCTTT-repeat polymorphism of the inducible nitric oxide synthase is not associated with HIV pathogenesis. <i>Clinical and Experimental Immunology</i> , 2004, 137, 566-569.	1.1	9
71	Human tonsillar tissue block cultures differ from autologous tonsillar cell suspension cultures in lymphocyte subset activation and cytokine gene expression. <i>Journal of Immunological Methods</i> , 2004, 289, 179-190.	0.6	17
72	Alveolar Echinococcosis of the Liver in an Adult with Human Immunodeficiency Virus Type-1 Infection. <i>Infection</i> , 2004, 32, 299-302.	2.3	58

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73	Impaired CD8+ T-Cell Reactivity against Viral Antigens in Cancer Patients with Solid Tumors. <i>Infection</i> , 2004, 32, 287-292.	2.3	3
74	Anti-HIV-1 activity of leflunomide. <i>Aids</i> , 2003, 17, 1613-1620.	1.0	37
75	Anti-HIV-1 activity of leflunomide: a comparison with mycophenolic acid and hydroxyurea. <i>Aids</i> , 2003, 17, 1613-20.	1.0	22
76	Impact of Genotypic Resistance Testing on Selection of Salvage Regimen in Clinical Practice. <i>Antiviral Therapy</i> , 2003, 8, 443-454.	0.6	23
77	Multifocal Vasculopathy Due to Varicella-Zoster Virus (VZV): Serial Analysis of VZV DNA and Intrathecal Synthesis of VZV Antibody in Cerebrospinal Fluid. <i>Clinical Infectious Diseases</i> , 2002, 35, 330-333.	2.9	23
78	Progress Toward a Human CD4/CCR5 Transgenic Rat Model for De Novo Infection by Human Immunodeficiency Virus Type 1. <i>Journal of Experimental Medicine</i> , 2002, 195, 719-736.	4.2	97
79	Rapid detection of the CCR2-V64I, CCR5-A59029G and SDF1-G801A polymorphisms by tetra-primer PCR. <i>Clinical Biochemistry</i> , 2002, 35, 399-403.	0.8	10
80	Folate Receptor-1 Is a Cofactor for Cellular Entry by Marburg and Ebola Viruses. <i>Cell</i> , 2001, 106, 117-126.	13.5	200
81	Susceptibility of Rat-Derived Cells to Replication by Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 2001, 75, 8063-8073.	1.5	63
82	Impact of TNF- α , LT- α , Fc γ RII and complement receptor on HIV-1 trapping in lymphoid tissue from HIV-infected patients. <i>Aids</i> , 2000, 14, 2661-2669.	1.0	5
83	Molecular Function of the CD4 D1 Domain in Coreceptor-Mediated Entry by HIV Type 1. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1845-1854.	0.5	13
84	Viral Entry through CXCR4 Is a Pathogenic Factor and Therapeutic Target in Human Immunodeficiency Virus Type 1 Disease. <i>Journal of Virology</i> , 2000, 74, 184-192.	1.5	65
85	Human Immunodeficiency Virus Type 1 Coreceptor Preferences Determine Target T-Cell Depletion and Cellular Tropism in Human Lymphoid Tissue. <i>Journal of Virology</i> , 2000, 74, 5347-5351.	1.5	67
86	Distinct Mechanisms of Entry by Envelope Glycoproteins of Marburg and Ebola (Zaire) Viruses. <i>Journal of Virology</i> , 2000, 74, 4933-4937.	1.5	131
87	Human Immunodeficiency Virus Type 1 Coreceptor Preferences Determine Target T-Cell Depletion and Cellular Tropism in Human Lymphoid Tissue. <i>Journal of Virology</i> , 2000, 74, 5347-5351.	1.5	4
88	Resistance Mutations to Zidovudine and Saquinavir in Patients Receiving Zidovudine plus Saquinavir or Zidovudine and Zalcitabine plus Saquinavir in AIDS Clinical Trials Group 229. <i>Journal of Infectious Diseases</i> , 1999, 179, 249-253.	1.9	9
89	A trans-receptor mechanism for infection of CD4-negative cells by human immunodeficiency virus type 1. <i>Current Biology</i> , 1999, 9, 547-550.	1.8	57
90	V3 Recombinants Indicate a Central Role for CCR5 as a Coreceptor in Tissue Infection by Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 1999, 73, 2350-2358.	1.5	75

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91	Rabbit Cells Expressing Human CD4 and Human CCR5 Are Highly Permissive for Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 1998, 72, 5728-5734.	1.5	34