Sheila M Keating

List of Publications by Year in descending order

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114 papers 5,662 citations

94433 37 h-index 72 g-index

120 all docs

120 docs citations

times ranked

120

7074 citing authors

#	Article	IF	CITATIONS
1	Recombinant modified vaccinia virus Ankara expressing antigen 85A boosts BCG-primed and naturally acquired antimycobacterial immunity in humans. Nature Medicine, 2004, 10, 1240-1244.	30.7	538
2	Antiretroviral-Free HIV-1 Remission and Viral Rebound After Allogeneic Stem Cell Transplantation. Annals of Internal Medicine, 2014, 161, 319.	3.9	370
3	Long-Term Reduction in Peripheral Blood HIV Type 1 Reservoirs Following Reduced-Intensity Conditioning Allogeneic Stem Cell Transplantation. Journal of Infectious Diseases, 2013, 207, 1694-1702.	4.0	250
4	Challenges in Detecting HIV Persistence during Potentially Curative Interventions: A Study of the Berlin Patient. PLoS Pathogens, 2013, 9, e1003347.	4.7	244
5	Enhanced T cell-mediated protection against malaria in human challenges by using the recombinant poxviruses FP9 and modified vaccinia virus Ankara. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4836-4841.	7.1	228
6	Immune and Genetic Correlates of Vaccine Protection Against Mucosal Infection by SIV in Monkeys. Science Translational Medicine, 2011, 3, 81ra36.	12.4	179
7	Ethnicity, sex, and age are determinants of red blood cell storage and stress hemolysis: results of the REDS-III RBC-Omics study. Blood Advances, 2017, 1, 1132-1141.	5.2	164
8	A Randomised, Double-Blind, Controlled Vaccine Efficacy Trial of DNA/MVA ME-TRAP Against Malaria Infection in Gambian Adults. PLoS Medicine, 2004, 1, e33.	8.4	161
9	Differential Immunogenicity of Various Heterologous Prime-Boost Vaccine Regimens Using DNA and Viral Vectors in Healthy Volunteers. Journal of Immunology, 2005, 174, 449-455.	0.8	143
10	Independent assessment of candidate HIV incidence assays on specimens in the CEPHIA repository. Aids, 2014, 28, 2439-2449.	2.2	133
11	A Phase 2b Randomised Trial of the Candidate Malaria Vaccines FP9 ME-TRAP and MVA ME-TRAP among Children in Kenya. PLOS Clinical Trials, 2006, 1, e29.	3.5	124
12	Durable Human Memory T Cells Quantifiable by Cultured Enzyme-Linked Immunospot Assays Are Induced by Heterologous Prime Boost Immunization and Correlate with Protection against Malaria. Journal of Immunology, 2005, 175, 5675-5680.	0.8	123
13	Low-Dose Mucosal Simian Immunodeficiency Virus Infection Restricts Early Replication Kinetics and Transmitted Virus Variants in Rhesus Monkeys. Journal of Virology, 2010, 84, 10406-10412.	3.4	120
14	The effect of HIV infection and HAART on inflammatory biomarkers in a population-based cohort of women. Aids, 2011, 25, 1823-1832.	2.2	112
15	Phase 1 Evaluation of 3 Highly Immunogenic Primeâ€Boost Regimens, Including a 12â€Month Reboosting Vaccination, for Malaria Vaccination in Gambian Men. Journal of Infectious Diseases, 2004, 189, 2213-2219.	4.0	108
16	Alloreactive fetal T cells promote uterine contractility in preterm labor via IFN- \hat{l}^3 and TNF- \hat{l}^\pm . Science Translational Medicine, 2018, 10, .	12.4	98
17	Synergistic DNA–MVA prime-boost vaccination regimes for malaria and tuberculosis. Vaccine, 2006, 24, 4554-4561.	3.8	97
18	The Induction and Persistence of T Cell IFN- \hat{I}^3 Responses after Vaccination or Natural Exposure Is Suppressed by <i> Plasmodium falciparum < /i > . Journal of Immunology, 2007, 179, 4193-4201.</i>	0.8	88

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19	A clinical trial of prime-boost immunisation with the candidate malaria vaccines RTS,S/AS02A and MVA-CS. Vaccine, 2006, 24, 2850-2859.	3.8	86
20	Neutralizing Monoclonal Antibodies Block Chikungunya Virus Entry and Release by Targeting an Epitope Critical to Viral Pathogenesis. Cell Reports, 2015, 13, 2553-2564.	6.4	86
21	Brain alterations within the first 100Âdays of <scp>HIV</scp> infection. Annals of Clinical and Translational Neurology, 2015, 2, 12-21.	3.7	85
22	Viral load criteria and threshold optimization to improve HIV incidence assay characteristics. Aids, 2016, 30, 2361-2371.	2.2	78
23	Human Galectin-9 Is a Potent Mediator of HIV Transcription and Reactivation. PLoS Pathogens, 2016, 12, e1005677.	4.7	78
24	Safety, immunogenicity and efficacy of a pre-erythrocytic malaria candidate vaccine, ICC-1132 formulated in Seppic ISA 720. Vaccine, 2005, 23, 857-864.	3.8	72
25	The relationship between human effector and memory T cells measured by <i>ex vivo</i> and cultured ELISPOT following recent and distal priming. Immunology, 2009, 128, 83-91.	4.4	67
26	Safety, Immunogenicity, and Efficacy of Prime-Boost Immunization with Recombinant Poxvirus FP9 and Modified Vaccinia Virus Ankara Encoding the Full-Length Plasmodium falciparum Circumsporozoite Protein. Infection and Immunity, 2006, 74, 2706-2716.	2.2	62
27	Fresh frozen plasma and spray-dried plasma mitigate pulmonary vascular permeability and inflammation in hemorrhagic shock. Journal of Trauma and Acute Care Surgery, 2015, 78, S7-S17.	2.1	59
28	Performance of Rapid Point-of-Care and Laboratory Tests for Acute and Established HIV Infection in San Francisco. PLoS ONE, 2013, 8, e80629.	2.5	57
29	Extensive virologic and immunologic characterization in an HIV-infected individual following allogeneic stem cell transplant and analytic cessation of antiretroviral therapy: A case study. PLoS Medicine, 2017, 14, e1002461.	8.4	50
30	Lower-Sensitivity and Avidity Modifications of the Vitros Anti-HIV 1+2 Assay for Detection of Recent HIV Infections and Incidence Estimation. Journal of Clinical Microbiology, 2012, 50, 3968-3976.	3.9	49
31	Intradonor reproducibility and changes in hemolytic variables during red blood cell storage: results of recall phase of the REDSâ€NI RBCâ€Omics study. Transfusion, 2019, 59, 79-88.	1.6	47
32	Immunogenicity of the candidate malaria vaccines FP9 and modified vaccinia virus Ankara encoding the pre-erythrocytic antigen ME–TRAP in 1–6 year old children in a malaria endemic area. Vaccine, 2006, 24, 4709-4715.	3.8	46
33	Monocytes Expand with Immune Dysregulation and Is Associated with Insulin Resistance in Older Individuals with Chronic HIV. PLoS ONE, 2014, 9, e90330.	2.5	45
34	Soluble mediators of inflammation in HIV and their implications for therapeutics and vaccine development. Cytokine and Growth Factor Reviews, 2012, 23, 193-206.	7.2	44
35	IL-1Î' Enriched Monocytes Mount Massive IL-6 Responses to Common Inflammatory Triggers among Chronically HIV-1 Infected Adults on Stable Anti-Retroviral Therapy at Risk for Cardiovascular Disease. PLoS ONE, 2013, 8, e75500.	2.5	44
36	Fetal production of growth factors and inflammatory mediators predicts pulmonary hypertension in congenital diaphragmatic hernia. Pediatric Research, 2013, 74, 290-298.	2.3	43

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37	Development of a contemporary globally diverse HIV viral panel by the EQAPOL program. Journal of Immunological Methods, 2014, 409, 117-130.	1.4	42
38	HIV Genotypes and Primary Drug Resistance Among HIV-Seropositive Blood Donors in Brazil. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 63, 387-392.	2.1	39
39	Expansion of CD8+ T cells lacking Sema4D/CD100 during HIV-1 infection identifies a subset of T cells with decreased functional capacity. Blood, 2012, 119, 745-755.	1.4	38
40	HIV Antibody Level as a Marker of HIV Persistence and Low-Level Viral Replication. Journal of Infectious Diseases, 2017, 216, 72-81.	4.0	38
41	The early kinetics of circulating pneumococcal-specific memory B cells following pneumococcal conjugate and plain polysaccharide vaccines in the elderly. Vaccine, 2010, 28, 4763-4770.	3.8	37
42	Non-Classical Monocytes and Monocyte Chemoattractant Protein-1 (MCP-1) Correlate with Coronary Artery Calcium Progression in Chronically HIV-1 Infected Adults on Stable Antiretroviral Therapy. PLoS ONE, 2016, 11, e0149143.	2.5	35
43	The effects of 22°C and 4°C storage of platelets on vascular endothelial integrity and function. Transfusion, 2016, 56, S52-64.	1.6	34
44	Comparison of Detection Limits of Fourth- and Fifth-Generation Combination HIV Antigen-Antibody, p24 Antigen, and Viral Load Assays on Diverse HIV Isolates. Journal of Clinical Microbiology, 2018, 56, .	3.9	34
45	Cytokines Elevated in HIV Elite Controllers Reduce HIV Replication <i>In Vitro</i> and Modulate HIV Restriction Factor Expression. Journal of Virology, 2017, 91, .	3.4	33
46	Reduced CD14 expression on classical monocytes and vascular endothelial adhesion markers independently associate with carotid artery intima media thickness in chronically HIV-1 infected adults on virologically suppressive anti-retroviral therapy. Atherosclerosis, 2014, 232, 52-58.	0.8	32
47	Impact of Allogeneic Hematopoietic Stem Cell Transplantation on the HIV Reservoir and Immune Response in 3 HIV-Infected Individuals. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 75, 328-337.	2.1	32
48	Cytokine and Chemokine Responses in the Acute Phase of Hepatitis B Virus Replication in Naive and Previously Vaccinated Blood and Plasma Donors. Journal of Infectious Diseases, 2014, 209, 845-854.	4.0	30
49	Compartmentalization of cerebrospinal fluid inflammation across the spectrum of untreated HIV-1 infection, central nervous system injury and viral suppression. PLoS ONE, 2021, 16, e0250987.	2.5	30
50	Performance of the Bio-Rad Geenius HIV1/2 Supplemental Assay in Detecting "Recent―HIV Infection and Calculating Population Incidence. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 73, 581-588.	2.1	28
51	Granulocyte-Derived Extracellular Vesicles Activate Monocytes and Are Associated With Mortality in Intensive Care Unit Patients. Frontiers in Immunology, 2018, 9, 956.	4.8	28
52	Non-classical monocytes predict progression of carotid artery bifurcation intima-media thickness in HIV-infected individuals on stable antiretroviral therapy. HIV Clinical Trials, 2016, 17, 114-122.	2.0	27
53	Variability in C-reactive protein is associated with cognitive impairment in women living with and without HIV: a longitudinal study. Journal of NeuroVirology, 2018, 24, 41-51.	2.1	27
54	Association of Gagâ€Specific T Lymphocyte Responses during the Early Phase of Human Immunodeficiency Virus Type 1 Infection and Lower Virus Load Set Point. Journal of Infectious Diseases, 2002, 186, 1177-1180.	4.0	26

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55	Downregulation of Cytokines and Chemokines by GB Virus C After Transmission Via Blood Transfusion in HIV-Positive Blood Recipients. Journal of Infectious Diseases, 2015, 211, 1585-1596.	4.0	26
56	Magnitude and Quality of Cytokine and Chemokine Storm during Acute Infection Distinguish Nonprogressive and Progressive Simian Immunodeficiency Virus Infections of Nonhuman Primates. Journal of Virology, 2016, 90, 10339-10350.	3.4	24
57	Alternating vector immunizations encoding pre-erythrocytic malaria antigens enhance memory responses in a malaria endemic area. European Journal of Immunology, 2006, 36, 2264-2272.	2.9	23
58	Matrix metalloproteinase levels in early HIV infection and relation to in vivo brain status. Journal of NeuroVirology, 2013, 19, 452-460.	2.1	23
59	Plasma Monocyte Chemoattractant Protein-1 and Tumor Necrosis Factor-α Levels Predict the Presence of Coronary Artery Calcium in HIV-Infected Individuals Independent of Traditional Cardiovascular Risk Factors. AIDS Research and Human Retroviruses, 2014, 30, 142-146.	1.1	23
60	Infection Staging and Incidence Surveillance Applications of High Dynamic Range Diagnostic Immuno-Assay Platforms. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 76, 547-555.	2.1	23
61	Therapeutic impact of red blood cell transfusion on anemic outpatients: the RETRO study. Transfusion, 2019, 59, 1934-1943.	1.6	23
62	Cross-Clade T Lymphocyte-Mediated Immunity to HIV Type 1: Implications for Vaccine Design and Immunodetection Assays. AIDS Research and Human Retroviruses, 2002, 18, 1067-1079.	1.1	22
63	Early Gamma Interferon and Interleukin-2 Responses to Vaccination Predict the Late Resting Memory in Malaria-Nail^ve and Malaria-Exposed Individuals. Infection and Immunity, 2006, 74, 6331-6338.	2.2	22
64	Assessing intra-lab precision and inter-lab repeatability of outgrowth assays of HIV-1 latent reservoir size. PLoS Computational Biology, 2019, 15, e1006849.	3.2	22
65	Piloting and implementation of quality assessment and quality control procedures in RBCâ€Omics: a large multiâ€center study of red blood cell hemolysis during storage. Transfusion, 2019, 59, 57-66.	1.6	22
66	Differentiating pulmonary transfusion reactions using recipient and transfusion factors. Transfusion, 2017, 57, 1684-1690.	1.6	21
67	Performance comparison of the Maxim and Sedia Limiting Antigen Avidity assays for HIV incidence surveillance. PLoS ONE, 2019, 14, e0220345.	2.5	19
68	Circulating pneumococcal specific plasma and memory B cells in the elderly two years after pneumococcal conjugate versus polysaccharide vaccination. Vaccine, 2010, 28, 6915-6922.	3.8	18
69	Assessing the Suitability of Next-Generation Viral Outgrowth Assays to Measure Human Immunodeficiency Virus 1 Latent Reservoir Size. Journal of Infectious Diseases, 2021, 224, 1209-1218.	4.0	18
70	Comparison of cross-sectional HIV incidence assay results from dried blood spots and plasma. PLoS ONE, 2017, 12, e0172283.	2.5	17
71	Remitted depression and cognition in HIV: The role of cortisol and inflammation. Psychoneuroendocrinology, 2020, 114, 104609.	2.7	17
72	Heightened Immune Activation in Fetuses with Gastroschisis May Be Blocked by Targeting IL-5. Journal of Immunology, 2016, 196, 4957-4966.	0.8	16

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73	MIG and the Regulatory Cytokines IL-10 and TGF- \hat{l}^21 Correlate with Malaria Vaccine Immunogenicity and Efficacy. PLoS ONE, 2010, 5, e12557.	2.5	16
74	The infection staging and profile of genotypic distribution and drug resistance mutation among the human immunodeficiency virus-1 infected blood donors from five Chinese blood centers, 2012–2014. PLoS ONE, 2017, 12, e0179328.	2.5	15
75	Short Communication: SCD14 and SCD163 Levels Are Correlated with VACS Index Scores: Initial Data from the Blunted Immune Recovery in CORE Patients with HIV (BIRCH) Cohort. AIDS Research and Human Retroviruses, 2016, 32, 144-147.	1.1	14
76	Brief Report: Low-Dose Hydrocortisone Has Acute Enhancing Effects on Verbal Learning in HIV-Infected Men. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 75, e65-e70.	2.1	13
77	Generation of recombinant hyperimmune globulins from diverse B-cell repertoires. Nature Biotechnology, 2021, 39, 989-999.	17.5	13
78	A single low dose of hydrocortisone enhances cognitive functioning in HIV-infected women. Aids, 2018, 32, 1983-1993.	2.2	13
79	Genetic Characterization of a Panel of Diverse HIV-1 Isolates at Seven International Sites. PLoS ONE, 2016, 11, e0157340.	2.5	13
80	<i>Editorial Commentary</i> : Timing Is Everything: Shortcomings of Current HIV Diagnostics in the Early Treatment Era. Clinical Infectious Diseases, 2016, 63, 562-564.	5.8	12
81	Brief Report: HIV Antibodies Decline During Antiretroviral Therapy but Remain Correlated With HIV DNA and HIV-Specific T-Cell Responses. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 81, 594-599.	2.1	12
82	Atazanavir use and carotid intima media thickness progression in HIV. Aids, 2016, 30, 672-674.	2.2	11
83	Computational analysis of antibody dynamics identifies recent HIV-1 infection. JCI Insight, 2017, 2, .	5.0	11
84	Seroconverting Blood Donors as a Resource for Characterising and Optimising Recent Infection Testing Algorithms for Incidence Estimation. PLoS ONE, 2011, 6, e20027.	2.5	10
85	Influence of sickle cell disease on susceptibility to HIV infection. PLoS ONE, 2020, 15, e0218880.	2.5	10
86	CD57 Expression and Cytokine Production by T Cells in Lesional and Unaffected Skin from Patients with Psoriasis. PLoS ONE, 2013, 8, e52144.	2.5	10
87	Evolution of Validated Biomarkers and Intraoperative Parameters in the Development of Postoperative ARDS. Respiratory Care, 2018, 63, 1331-1340.	1.6	9
88	Development of an international external quality assurance program for HIV-1 incidence using the Limiting Antigen Avidity assay. PLoS ONE, 2019, 14, e0222290.	2.5	9
89	The effect of HIV infection and HCV viremia on inflammatory mediators and hepatic injury—The Women's Interagency HIV Study. PLoS ONE, 2017, 12, e0181004.	2.5	9
90	Soluble CD163 But Not Soluble CD14 Is Associated With Cytomegalovirus Immunoglobulin G Antibody Levels in Virologically Suppressed HIV+ Individuals. Journal of Acquired Immune Deficiency Syndromes (1999), 2015, 70, e171-e174.	2.1	8

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91	Systemic Cytokine Levels Do Not Predict CD4+ T-Cell Recovery After Suppressive Combination Antiretroviral Therapy in Chronic Human Immunodeficiency Virus Infection. Open Forum Infectious Diseases, 2016, 3, ofw025.	0.9	8
92	Elevated plasma levels of TIMP-3 are associated with a higher risk of acute respiratory distress syndrome and death following severe isolated traumatic brain injury. Trauma Surgery and Acute Care Open, 2018, 3, e000171.	1.6	8
93	Neopterin is associated with hippocampal subfield volumes and cognition in HIV. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e467.	6.0	8
94	Early Inflammatory Signatures Predict Subsequent Cognition in Long-Term Virally Suppressed Women With HIV. Frontiers in Integrative Neuroscience, 2020, 14, 20.	2.1	8
95	Blood transfusion safety in the country of Georgia: collateral benefit from a national hepatitis C elimination program. Transfusion, 2020, 60, 1243-1252.	1.6	8
96	Detection of host immune responses in acute phase sera of spontaneous resolution versus persistent hepatitis C virus infection. Journal of General Virology, 2012, 93, 1673-1679.	2.9	8
97	Extensive Genetic Diversity of HIV-1 in Incident and Prevalent Infections among Malaysian Blood Donors: Multiple Introductions of HIV-1 Genotypes from Highly Prevalent Countries. PLoS ONE, 2016, 11, e0161853.	2.5	8
98	Inter-Laboratory Assessment of a Prototype Multiplex Kit for Determination of Recent HIV-1 Infection. PLoS ONE, 2013, 8, e77765.	2.5	7
99	Influence of blood storage age on immune and coagulation parameters in critically ill transfused patients. Transfusion, 2019, 59, 1223-1232.	1.6	6
100	High 25-hydroxyvitamin D is associated with unexpectedly high plasma inflammatory markers in HIV patients on antiretroviral therapy. Medicine (United States), 2016, 95, e5270.	1.0	5
101	Plasminogen Activator Inhibitor-1 Predicts Negative Alterations in Whole-Body Insulin Sensitivity in Chronic HIV Infection. AIDS Research and Human Retroviruses, 2017, 33, 723-727.	1.1	5
102	Bedside Allogeneic Erythrocyte Washing with a Cell Saver to Remove Cytokines, Chemokines, and Cell-derived Microvesicles. Anesthesiology, 2021, 134, 395-404.	2.5	5
103	Albuminuria Is Associated with Elevated Acute Phase Reactants and Proinflammatory Markers in HIV-Infected Patients Receiving Suppressive Combination Antiretroviral Therapy. AIDS Research and Human Retroviruses, 2014, 30, 1185-1191.	1.1	4
104	Serum amyloid P (SAP) is associated with impaired brachial artery flow-mediated dilation in chronically HIV-1 infected adults on stable antiretroviral therapy. HIV Clinical Trials, 2015, 16, 228-235.	2.0	4
105	Short Communication: Dried Blood Spots Stored at Room Temperature Should Not Be Used for HIV Incidence Testing. AIDS Research and Human Retroviruses, 2018, 34, 1013-1016.	1.1	4
106	Brief Report: Association of Adipokines With Bone Mineral Density in HIV-Infected and HIV-Uninfected Women. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 73, 433-437.	2.1	3
107	Effects of blood storage age on immune, coagulation, and nitric oxide parameters in transfused patients undergoing cardiac surgery. Transfusion, 2019, 59, 1209-1222.	1.6	2
108	Characterization of Simian Immunodeficiency Virus Variants Anatomically Compartmentalized in Plasma and Milk in Chronically Infected African Green Monkeys. Journal of Virology, 2016, 90, 8795-8808.	3.4	1

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#	Article	IF	CITATIONS
109	481: Maternal-fetal cellular trafficking and fetal inflammation in patients with preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2013, 208, S208.	1.3	O
110	Inflammatory Cytokines. , 2014, , 1-8.		0
111	The association of maternal lymphatic markers and critical congenital heart defects in the fetus—A population based caseâ€control study. American Journal of Medical Genetics, Part A, 2017, 173, 1231-1236.	1.2	O
112	A New Perspective on HIV Diagnostics: Reinterpretation in the Age of Early Treatment. Journal of Clinical Microbiology, 2019, 57, .	3.9	0
113	Inflammatory Cytokines. , 2018, , 1108-1114.		0
114	Serum amyloid P (SAP) is associated with impaired brachial artery flow-mediated dilation in chronically HIV-1 infected adults on stable antiretroviral therapy. HIV Clinical Trials, 2015, 16, 228-235.	2.0	0