

Mark J Cameron

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

6,486
citations

76196

40
h-index

69108

77
g-index

102
all docs

102
docs citations

102
times ranked

11694
citing authors

#	ARTICLE	IF	CITATIONS
1	Yellow fever vaccine induces integrated multilineage and polyfunctional immune responses. <i>Journal of Experimental Medicine</i> , 2008, 205, 3119-3131.	4.2	531
2	Activation of HIV Transcription with Short-Course Vorinostat in HIV-Infected Patients on Suppressive Antiretroviral Therapy. <i>PLoS Pathogens</i> , 2014, 10, e1004473.	2.1	437
3	Interferon-Mediated Immunopathological Events Are Associated with Atypical Innate and Adaptive Immune Responses in Patients with Severe Acute Respiratory Syndrome. <i>Journal of Virology</i> , 2007, 81, 8692-8706.	1.5	353
4	Human immunopathogenesis of severe acute respiratory syndrome (SARS). <i>Virus Research</i> , 2008, 133, 13-19.	1.1	305
5	Synthetic double-stranded RNA induces innate immune responses similar to a live viral vaccine in humans. <i>Journal of Experimental Medicine</i> , 2011, 208, 2357-2366.	4.2	263
6	Restricted dendritic cell and monocyte progenitors in human cord blood and bone marrow. <i>Journal of Experimental Medicine</i> , 2015, 212, 385-399.	4.2	249
7	Convergence of TCR and cytokine signaling leads to FOXO3a phosphorylation and drives the survival of CD4+ central memory T cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 79-91.	4.2	199
8	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. <i>Nature Medicine</i> , 2016, 22, 762-770.	15.2	197
9	Gene Expression Analysis of Host Innate Immune Responses during Lethal H5N1 Infection in Ferrets. <i>Journal of Virology</i> , 2008, 82, 11308-11317.	1.5	181
10	Tregs control the development of symptomatic West Nile virus infection in humans and mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 3266-77.	3.9	181
11	Global analyses revealed age-related alterations in innate immune responses after stimulation of pathogen recognition receptors. <i>Aging Cell</i> , 2015, 14, 421-432.	3.0	155
12	Differential Expression of CC Chemokines and the CCR5 Receptor in the Pancreas Is Associated with Progression to Type I Diabetes. <i>Journal of Immunology</i> , 2000, 165, 1102-1110.	0.4	144
13	Rapid Inflammasome Activation following Mucosal SIV Infection of Rhesus Monkeys. <i>Cell</i> , 2016, 165, 656-667.	13.5	144
14	Inflammatory Cytokine Expression Is Associated with Chikungunya Virus Resolution and Symptom Severity. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1279.	1.3	135
15	Distinct roles of resident and nonresident macrophages in nonischemic cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4661-E4669.	3.3	134
16	Severe acute respiratory syndrome diagnostics using a coronavirus protein microarray. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4011-4016.	3.3	131
17	Lymph node T cell responses predict the efficacy of live attenuated SIV vaccines. <i>Nature Medicine</i> , 2012, 18, 1673-1681.	15.2	130
18	Human Monocyte Subsets Are Transcriptionally and Functionally Altered in Aging in Response to Pattern Recognition Receptor Agonists. <i>Journal of Immunology</i> , 2017, 199, 1405-1417.	0.4	118

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19	Prediction of Graft-Versus-Host Disease in Humans by Donor Gene-Expression Profiling. <i>PLoS Medicine</i> , 2007, 4, e23.	3.9	99
20	Modeling host responses in ferrets during A/California/07/2009 influenza infection. <i>Virology</i> , 2010, 401, 257-265.	1.1	99
21	Gene Expression Profiling of Host Response in Models of Acute HIV Infection. <i>Journal of Immunology</i> , 2004, 173, 6858-6863.	0.4	97
22	Systems Analysis of a RIG-I Agonist Inducing Broad Spectrum Inhibition of Virus Infectivity. <i>PLoS Pathogens</i> , 2013, 9, e1003298.	2.1	96
23	Neonatal activation of CD28 signaling overcomes T cell anergy and prevents autoimmune diabetes by an IL-4-dependent mechanism.. <i>Journal of Clinical Investigation</i> , 1997, 100, 2243-2253.	3.9	74
24	CCR8 Expression Defines Tissue-Resident Memory T Cells in Human Skin. <i>Journal of Immunology</i> , 2018, 200, 1639-1650.	0.4	71
25	Reduced BNT162b2 Messenger RNA Vaccine Response in Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)â€Naive Nursing Home Residents. <i>Clinical Infectious Diseases</i> , 2021, 73, 2112-2115.	2.9	69
26	Cycling CD4+ T cells in HIV-infected immune nonresponders have mitochondrial dysfunction. <i>Journal of Clinical Investigation</i> , 2018, 128, 5083-5094.	3.9	67
27	CD40-deficient dendritic cells producing interleukin-10, but not interleukin-12, induce T-cell hyporesponsiveness in vitro and prevent acute allograft rejection. <i>Immunology</i> , 1999, 98, 159-170.	2.0	65
28	Insulin B-chain reactive CD4+ regulatory T-cells induced by oral insulin treatment protect from type 1 diabetes by blocking the cytokine secretion and pancreatic infiltration of diabetogenic effector T-cells. <i>Diabetes</i> , 1999, 48, 1720-1729.	0.3	64
29	Anti-inflammatory Roles of Glucocorticoids Are Mediated by Foxp3+ Regulatory T Cells via a miR-342-Dependent Mechanism. <i>Immunity</i> , 2020, 53, 581-596.e5.	6.6	64
30	Impaired Plasma Membrane Targeting of Grb2â€Murine Son of Sevenless (mSOS) Complex and Differential Activation of the Fynâ€T Cell Receptor (TCR)-Î¶â€Cbl Pathway Mediate T Cell Hyporesponsiveness in Autoimmune Nonobese Diabetic Mice. <i>Journal of Experimental Medicine</i> , 1997, 186, 887-897.	4.2	62
31	Development and deployment of COVID-19 vaccines for those most vulnerable. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	60
32	Lack of Innate Interferon Responses during SARS Coronavirus Infection in a Vaccination and Reinfection Ferret Model. <i>PLoS ONE</i> , 2012, 7, e45842.	1.1	58
33	Synthetic Reconstruction of Zoonotic and Early Human Severe Acute Respiratory Syndrome Coronavirus Isolates That Produce Fatal Disease in Aged Mice. <i>Journal of Virology</i> , 2007, 81, 7410-7423.	1.5	56
34	Cytokines and Chemokinesâ€Their Receptors and Their Genes: An Overview. <i>Advances in Experimental Medicine and Biology</i> , 2003, 520, 8-32.	0.8	54
35	Prevention of SHIV transmission by topical IFN-Î² treatment. <i>Mucosal Immunology</i> , 2016, 9, 1528-1536.	2.7	47
36	Intestinal damage precedes mucosal immune dysfunction in SIV infection. <i>Mucosal Immunology</i> , 2018, 11, 1429-1440.	2.7	46

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37	Molecular Characterization of <i>In Vivo</i> Adjuvant Activity in Ferrets Vaccinated against Influenza Virus. <i>Journal of Virology</i> , 2010, 84, 8369-8388.	1.5	45
38	Type I IFN Induced by Adenovirus Serotypes 28 and 35 Has Multiple Effects on T Cell Immunogenicity. <i>Journal of Immunology</i> , 2012, 188, 6109-6118.	0.4	44
39	Impaired estrogen signaling underlies regulatory T cell loss-of-function in the chronically inflamed intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17166-17176.	3.3	44
40	Impact of Human Donor Lung Gene Expression Profiles on Survival after Lung Transplantation: A Case-Control Study. <i>American Journal of Transplantation</i> , 2008, 8, 2140-2148.	2.6	43
41	Interferon and Interferon-Induced Chemokine Expression Is Associated with Control of Acute Viremia in West Nile Virus-Infected Blood Donors. <i>Journal of Infectious Diseases</i> , 2008, 198, 979-983.	1.9	43
42	The role of chemokines and chemokine receptors in alloantigen-independent and alloantigen-dependent transplantation injury. <i>Seminars in Immunology</i> , 2003, 15, 33-48.	2.7	41
43	Immunotherapy of spontaneous type 1 diabetes in nonobese diabetic mice by systemic interleukin-4 treatment employing adenovirus vector-mediated gene transfer. <i>Gene Therapy</i> , 2000, 7, 1840-1846.	2.3	40
44	Early gene expression events in ferrets in response to SARS coronavirus infection versus direct interferon-alpha2b stimulation. <i>Virology</i> , 2011, 409, 102-112.	1.1	40
45	Mucosal effects of tenofovir 1% gel. <i>ELife</i> , 2015, 4, .	2.8	37
46	A high OXPPOS CD8 T cell subset is predictive of immunotherapy resistance in melanoma patients. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	37
47	Deficient activation and resistance to activation-induced apoptosis of cd8+ t cells is associated with defective peripheral tolerance in nonobese diabetic mice. <i>Clinical Immunology</i> , 2003, 107, 103-115.	1.4	35
48	Adjuvant Immunotherapy Increases \hat{I}^2 Cell Regenerative Factor <i>Reg2</i> in the Pancreas of Diabetic Mice. <i>Journal of Immunology</i> , 2010, 185, 5120-5129.	0.4	35
49	Receptor Tyrosine Kinase Ephb6 Regulates Vascular Smooth Muscle Contractility and Modulates Blood Pressure in Concert with Sex Hormones. <i>Journal of Biological Chemistry</i> , 2012, 287, 6819-6829.	1.6	35
50	CXCL10 contributes to p38-mediated apoptosis in primary T lymphocytes in vitro. <i>Cytokine</i> , 2012, 59, 433-441.	1.4	35
51	Altered Lipidome Composition Is Related to Markers of Monocyte and Immune Activation in Antiretroviral Therapy Treated Human Immunodeficiency Virus (HIV) Infection and in Uninfected Persons. <i>Frontiers in Immunology</i> , 2019, 10, 785.	2.2	34
52	Significant Reduction in Vaccine-Induced Antibody Levels and Neutralization Activity Among Healthcare Workers and Nursing Home Residents 6 Months Following Coronavirus Disease 2019 BNT162b2 mRNA Vaccination. <i>Clinical Infectious Diseases</i> , 2022, 75, e884-e887.	2.9	31
53	Transcriptional profiles reveal a stepwise developmental program of memory CD8+ T cell differentiation. <i>Vaccine</i> , 2015, 33, 914-923.	1.7	29
54	Human Immunodeficiency Virus (HIV)-Antibody Repertoire Estimates Reservoir Size and Time of Antiretroviral Therapy Initiation in Virally Suppressed Perinatally HIV-Infected Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 433-438.	0.6	29

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55	Biolistic-Mediated Interleukin 4 Gene Transfer Prevents the Onset of Type 1 Diabetes. <i>Human Gene Therapy</i> , 2000, 11, 1647-1656.	1.4	28
56	Discovery of a Redox Thiol Switch: Implications for Cellular Energy Metabolism. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 852-870.	2.5	28
57	Integrated systems approach defines the antiviral pathways conferring protection by the RV144 HIV vaccine. <i>Nature Communications</i> , 2019, 10, 863.	5.8	27
58	Levels of Soluble CD14 and Tumor Necrosis Factor Receptors 1 and 2 May Be Predictive of Death in Severe Coronavirus Disease 2019. <i>Journal of Infectious Diseases</i> , 2021, 223, 805-810.	1.9	27
59	Hallmarks of primate lentiviral immunodeficiency infection recapitulate loss of innate lymphoid cells. <i>Nature Communications</i> , 2018, 9, 3967.	5.8	25
60	Cloning, expression and immunoassay detection of ferret IFN- β . <i>Developmental and Comparative Immunology</i> , 2008, 32, 890-897.	1.0	24
61	Reduced Chronic Lymphocyte Activation following Interferon Alpha Blockade during the Acute Phase of Simian Immunodeficiency Virus Infection in Rhesus Macaques. <i>Journal of Virology</i> , 2018, 92, .	1.5	23
62	Interaction of Resistin and Systolic Blood Pressure in Psoriasis Severity. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1279-1282.e1.	0.3	21
63	Macrophage maturation from blood monocytes is altered in people with HIV, and is linked to serum lipid profiles and activation indices: A model for studying atherogenic mechanisms. <i>PLoS Pathogens</i> , 2020, 16, e1008869.	2.1	21
64	CD80/CD86 Costimulation Regulates Acute Vascular Rejection. <i>Journal of Immunology</i> , 2005, 175, 6197-6204.	0.4	20
65	Diversity of Ocular Surface Bacterial Microbiome Adherent to Worn Contact Lenses and Bacterial Communities Associated With Care Solution Use. <i>Eye and Contact Lens</i> , 2019, 45, 331-339.	0.8	20
66	Impact of Early Antiretroviral Therapy Initiation on HIV-Specific CD4 and CD8 T Cell Function in Perinatally Infected Children. <i>Journal of Immunology</i> , 2020, 204, 540-549.	0.4	20
67	Antibiotic-induced microbiome perturbations are associated with significant alterations to colonic mucosal immunity in rhesus macaques. <i>Mucosal Immunology</i> , 2020, 13, 471-480.	2.7	20
68	Cytokines and Chemokines in the Pathogenesis of Murine Type 1 Diabetes. <i>Advances in Experimental Medicine and Biology</i> , 2003, 520, 133-158.	0.8	20
69	Cloning, expression and characterization of ferret CXCL10. <i>Molecular Immunology</i> , 2008, 45, 1288-1297.	1.0	18
70	CX3CL1 and IL-15 Promote CD8 T cell chemoattraction in HIV and in atherosclerosis. <i>PLoS Pathogens</i> , 2020, 16, e1008885.	2.1	17
71	Role of T-cell energy and suppression in susceptibility to IDDM. <i>Research in Immunology</i> , 1997, 148, 348-358.	0.9	16
72	A follicular regulatory Innate Lymphoid Cell population impairs interactions between germinal center Tfh and B cells. <i>Communications Biology</i> , 2021, 4, 563.	2.0	16

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73	Does a lack of vaccine side effects correlate with reduced BNT162b2 mRNA vaccine response among healthcare workers and nursing home residents?. Aging Clinical and Experimental Research, 2021, 33, 3151-3160.	1.4	16
74	Changes in Nuclear Shape and Gene Expression in Response to Simulated Microgravity Are LINC Complex-Dependent. International Journal of Molecular Sciences, 2020, 21, 6762.	1.8	15
75	Sex and age bias viral burden and interferon responses during SARS-CoV-2 infection in ferrets. Scientific Reports, 2021, 11, 14536.	1.6	14
76	15-PGDH inhibition activates the splenic niche to promote hematopoietic regeneration. JCI Insight, 2021, 6, .	2.3	12
77	Failure in immune regulation begets IDDM in NOD mice. , 1998, 14, 177-185.		11
78	Asynchronous Differentiation of CD8 T Cells That Recognize Dominant and Cryptic Antigens. Journal of Immunology, 2006, 177, 8466-8475.	0.4	11
79	Interleukin-1- and Type I Interferon-Dependent Enhanced Immunogenicity of an NYVAC-HIV-1 Env-Gag-Pol-Nef Vaccine Vector with Dual Deletions of Type I and Type II Interferon-Binding Proteins. Journal of Virology, 2015, 89, 3819-3832.	1.5	10
80	Treatment with Commonly Used Antiretroviral Drugs Induces a Type I/III Interferon Signature in the Gut in the Absence of HIV Infection. Cell Reports Medicine, 2020, 1, 100096.	3.3	10
81	Blastocyst Vitrification and Trophectoderm Biopsy Cumulatively Alter Embryonic Gene Expression in a Mouse Model. Reproductive Sciences, 2021, 28, 2961-2971.	1.1	9
82	Early ART initiation during infancy preserves natural killer cells in young European adolescents living with HIV (CARMA cohort). Journal of the International AIDS Society, 2021, 24, e25717.	1.2	8
83	Epigenetic silencing of CD4 expression in nonpathogenic SIV infection in African green monkeys. JCI Insight, 2020, 5, .	2.3	8
84	Drug perturbation gene set enrichment analysis (dpGSEA): a new transcriptomic drug screening approach. BMC Bioinformatics, 2021, 22, 22.	1.2	7
85	Interleukin-4. BioDrugs, 1996, 6, 251-260.	0.7	6
86	Regulation of B- and T-cell Mediated Xenogeneic Transplant Rejection by Interleukin 12. Transplantation, 2006, 81, 265-272.	0.5	5
87	Possible link between the severe respiratory illness outbreak in Mexico and swine influenza in southwestern United States?. Journal of Infection in Developing Countries, 2009, 3, 157-8.	0.5	5
88	Host transcriptomic signatures of tuberculosis can predict immune reconstitution inflammatory syndrome in HIV patients. European Journal of Immunology, 2022, , .	1.6	3
89	A CD4+ T cell antagonist epitope down-regulates activating signaling proteins, up-regulates inhibitory signaling proteins and abrogates HIV-specific T cell function. Retrovirology, 2014, 11, 57.	0.9	2
90	Transcriptomic Analysis of Human Mesenchymal Stem Cell Therapy in Incontinent Rat Injured Urethra. Tissue Engineering - Part A, 2020, 26, 792-810.	1.6	2

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91	Transcriptional and Immunologic Correlates of Response to Pandemic Influenza Vaccine in Aviremic, HIV-Infected Children. <i>Frontiers in Immunology</i> , 2021, 12, 639358.	2.2	2
92	Monocytes as endogenous immune sensors: Identification of inflammatory, adhesion, and mTOR-related signatures in psoriasis. <i>Journal of Dermatological Science</i> , 2021, 101, 221-223.	1.0	2
93	Report from the First EPIICAL (Early-treated Perinatally HIV-infected Individuals: Improving Children's) Tj ETQq1 1 0.784314 rgBT /Over Rome, Italy. <i>Journal of Virus Eradication</i> , 2018, 4, 51-54.	0.3	2
94	An open-ended plea for the development of a global database of HIV vaccine responses. <i>Current Opinion in HIV and AIDS</i> , 2012, 7, 10-16.	1.5	1
95	Molecular Control of Leukocyte Trafficking Internal Regulatory Circuits of the Immune System: Leukocyte Circulation and Homing. <i>NeuroImmune Biology</i> , 2005, 5, 185-214.	0.2	0
96	Convergence of TCR and cytokine signaling leads to FOXO3a phosphorylation and drives the survival of CD4+central memory T cells. <i>Journal of Cell Biology</i> , 2007, 176, i2-i2.	2.3	0