Randy R Brutkiewicz

List of Publications by Year
in descending order

89	5,204	108046	97045
papers	citations	37 h-index	71 g-index

113	113	113	5157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MR1 overexpression correlates with poor clinical prognosis in glioma patients. Neuro-Oncology Advances, 2021, 3, vdab034.	0.4	7
2	MR1 Tetramerâ€“Based Artificial APCs Expand MAIT Cells from Human Peripheral Blood That Effectively Kill Glioblastoma Cells. ImmunoHorizons, 2021, 5, 500-511.	0.8	8
3	Genetic engineering of porcine endothelial cell lines for evaluation of human-to-pig xenoreactive immune responses. Scientific Reports, 2021, 11, 13131.	1.6	8
4	Sex discrepancy in the reduction of mucosalâ€associated invariant T cells caused by obesity. Immunity, Inflammation and Disease, 2021, 9, 299-309.	1.3	4
5	Multispecific targeting of glioblastoma with tumor microenvironment-responsive multifunctional engineered NK cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	45
6	Brain astrocytes and microglia express functional MR1 molecules that present microbial antigens to mucosal-associated invariant T (MAIT) cells. Journal of Neuroimmunology, 2020, 349, 577428.	1.1	10
7	The Complexity of Microglial Interactions With Innate and Adaptive Immune Cells in Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 592359.	1.7	31
8	A Potent CD1d-binding Glycolipid for iNKT-Cell-based Therapy Against Human Breast Cancer. Anticancer Research, 2019, 39, 549-555.	0.5	6
9	JNK2 modulates the CD1dâ€dependent and â€independent activation of iNKTÂcells. European Journal of Immunology, 2019, 49, 255-265.	1.6	7
10	Immune evasion of the CD1d/NKT cell axis. Current Opinion in Immunology, 2018, 52, 87-92.	2.4	13
11	The Tollâ€like receptor 9 signalling pathway regulates <scp>MR</scp>1â€mediated bacterial antigen presentation in B cells. Immunology, 2017, 152, 232-242.	2.0	31
12	Neurofibromin 1 Impairs Natural Killer T-Cell-Dependent Antitumor Immunity against a T-Cell Lymphoma. Frontiers in Immunology, 2017, 8, 1901.	2.2	8
13	A VP22-Null HSV-1 Is Impaired in Inhibiting CD1d-Mediated Antigen Presentation. Viral Immunology, 2016, 29, 409-416.	0.6	10
14	Cell Signaling Pathways That Regulate Antigen Presentation. Journal of Immunology, 2016, 197, 2971-2979.	0.4	39
15	Alterations in cellular metabolism modulate CD1d-mediated NKT-cell responses. Pathogens and Disease, 2016, 74, ftw055.	0.8	27
16	STAT3 promotes CD1dâ€mediated lipid antigen presentation by regulating a critical gene in glycosphingolipid biosynthesis. Immunology, 2015, 146, 444-455.	2.0	10
17	Critical Role of NKT Cells in Posttransplant Alloantibody Production. American Journal of Transplantation, 2014, 14, 2491-2499.	2.6	9
18	Virusâ€encoded ectopic <scp>CD</scp>74 enhances poxvirus vaccine efficacy. Immunology, 2014, 141, 531-539.	2.0	3

#	Article	IF	Citations
19	Inhibition of <scp>CD</scp>1dâ€mediated antigen presentation by the transforming growth factorâ€Î²/Smad signalling pathway. Immunology, 2014, 143, 679-691.	2.0	7
20	A <scp>T</scp>hr/<scp>S</scp>er dual residue motif in the cytoplasmic tail of human <scp>CD</scp>1d is important for the downâ€regulation of antigen presentation following a herpes simplex virus 1 infection. Immunology, 2013, 140, 191-201.	2.0	13
21	An efferocytosis-induced, IL-4â€“dependent macrophage-iNKT cell circuit suppresses sterile inflammation and is defective in murine CGD. Blood, 2013, 121, 3473-3483.	0.6	60
22	Allergic Airway Disease in Mice Alters T and B Cell Responses during an Acute Respiratory Poxvirus Infection. PLoS ONE, 2013, 8, e62222.	1.1	5
23	Forming a Complex with MHC Class I Molecules Interferes with Mouse CD1d Functional Expression. PLoS ONE, 2013, 8, e72867.	1.1	3
24	Lipids-Ð¯-Us: peroxisome generation of iNKT ligands. Nature Immunology, 2012, 13, 435-436.	7.0	2
25	Regulation of the Actin Cytoskeleton by Rho Kinase Controls Antigen Presentation by CD1d. Journal of Immunology, 2012, 189, 1689-1698.	0.4	26
26	Donor Lung Derived Myeloid and Plasmacytoid Dendritic Cells Differentially Regulate T Cell Proliferation and Cytokine Production. Respiratory Research, 2012, 13, 25.	1.4	4
27	CD1d expression on and regulation of murine hematopoietic stem and progenitor cells. Blood, 2012, 119, 5731-5741.	0.6	10
28	Research faculty development: an historical perspective and ideas for a successful future. Advances in Health Sciences Education, 2012, 17, 259-268.	1.7	8
29	The Regulation of CD1d+ and CD1dâ˜ Tumors by NKT Cells. , 2012, , 71-94.		0
30	STAT3-dependent IL-21 production from T helper cells regulates hematopoietic progenitor cell homeostasis. Blood, 2011, 117, 6198-6201.	0.6	35
31	CD1d-Expressing Breast Cancer Cells Modulate NKT Cell-Mediated Antitumor Immunity in a Murine Model of Breast Cancer Metastasis. PLoS ONE, 2011, 6, e20702.	1.1	85
32	17: R_x FOR ACADEMIC MEDICINE. To Improve the Academy, 2010, 28, 292-309.	0.3	2
33	A Threonine-Based Targeting Signal in the Human CD1d Cytoplasmic Tail Controls Its Functional Expression. Journal of Immunology, 2010, 184, 4973-4981.	0.4	28
34	Tc17 Cells Are Capable of Mediating Immunity to Vaccinia Virus by Acquisition of a Cytotoxic Phenotype. Journal of Immunology, 2010, 185, 2089-2098.	0.4	49
35	Anthrax Lethal Toxin Impairs CD1d-Mediated Antigen Presentation by Targeting the Extracellular Signal-Related Kinase 1/2 Mitogen-Activated Protein Kinase Pathway. Infection and Immunity, 2010, 78, 1859-1863.	1.0	22
36	DIVERSIFYING BIOMEDICAL TRAINING: A SYNERGISTIC INTERVENTION. Journal of Women and Minorities in Science and Engineering, 2010, 16, 215-235.	0.5	14

#	Article	IF	Citations
37	Statins Impair CD1d-Mediated Antigen Presentation through the Inhibition of Prenylation. Journal of Immunology, 2009, 182, 4744-4750.	0.4	20
38	MHC class IIâ€expressing thymocytes suppress invariant NKT cell development. Immunology and Cell Biology, 2009, 87, 186-189.	1.0	5
39	Apoptosisâ€induced inhibition of CD1dâ€mediated antigen presentation: different roles for caspases and signal transduction pathways. Immunology, 2008, 125, 80-90.	2.0	5
40	Vaccinia Virus Blocks Stat1-Dependent and Stat1-Independent Gene Expression Induced by Type I and Type II Interferons. Journal of Interferon and Cytokine Research, 2008, 28, 367-380.	0.5	60
41	Vesicular Stomatitis Virus Matrix Protein Impairs CD1d-Mediated Antigen Presentation through Activation of the p38 MAPK Pathway. Journal of Virology, 2008, 82, 12535-12542.	1.5	27
42	Type I NKT cells protect (and type II NKT cells suppress) the host's innate antitumor immune response to a B-cell lymphoma. Blood, 2008, 111, 5637-5645.	0.6	152
43	Thymic selection pathway regulates the effector function of CD4 T cells. Journal of Experimental Medicine, 2007, 204, 2145-2157.	4.2	42
44	Protein kinaseâ€„Câ€„Î´ is a critical regulator of CD1dâ€mediated antigen presentation. European Journal of Immunology, 2007, 37, 2390-2395.	1.6	16
45	Importance of N-linked glycosylation in the functional expression of murine CD1d1. Immunology, 2007, 123, 070831060847002-???.	2.0	16
46	Vaccinia virus infection induces dendritic cell maturation but inhibits antigen presentation by MHC class II. Cellular Immunology, 2007, 246, 92-102.	1.4	35
47	A role for natural killer T cells and CD1d molecules in counteracting suppression of hematopoiesis in mice induced by infection with murine cytomegalovirus. Experimental Hematology, 2007, 35, 87-93.	0.2	21
48	Role for ILâ€4 nonproducing NKT cells in CCâ€chemokine ligand 2â€induced Th2 cell generation. Immunology and Cell Biology, 2006, 84, 44-50.	1.0	3
49	Inhibition of CD1d1-mediated antigen presentation by the vaccinia virus B1R and H5R molecules. European Journal of Immunology, 2006, 36, 2595-2600.	1.6	43
50	Inhibition of antitumor immunity by invariant natural killer T cells in a T-cell lymphoma modelin vivo. International Journal of Cancer, 2006, 118, 3045-3053.	2.3	58
51	CD1d Ligands: The Good, the Bad, and the Ugly. Journal of Immunology, 2006, 177, 769-775.	0.4	166
52	Selective Identification of Vî±14i T Cells Using Slideâ€immobilized, CD1dâ€Antigen Complexes. Journal of Immunoassay and Immunochemistry, 2006, 27, 207-212.	0.5	1
53	Regulation of Th2 Cytokine Expression in NKT Cells: Unconventional Use of Stat6, GATA-3, and NFAT2. Journal of Immunology, 2006, 176, 880-888.	0.4	52
54	CD44 Differentially Activates Mouse NK T Cells and Conventional T Cells. Journal of Immunology, 2006, 177, 268-279.	0.4	37

#	Article	IF	Citations
55	Human immunodeficiency virus gp120 downregulates CD1d cell surface expression. Immunology Letters, 2005, 98, 131-135.	1.1	34
56	Impaired cell surface expression of human CD1d by the formation of an HIV-1 Nef/CD1d complex. Virology, 2005, 337, 242-252.	1.1	80
57	Long-term loss of canonical NKT cells following an acute virus infection. European Journal of Immunology, 2005, 35, 879-889.	1.6	45
58	Cell wall glycosphingolipids ofSphingomonas paucimobilisare CD1d-specific ligands for NKT cells. European Journal of Immunology, 2005, 35, 1692-1701.	1.6	283
59	Reduction in CD1d expression on dendritic cells and macrophages by an acute virus infection. Journal of Leukocyte Biology, 2005, 77, 151-158.	1.5	32
60	Disruption of MHC Class II-Restricted Antigen Presentation by Vaccinia Virus. Journal of Immunology, 2005, 175, 6481-6488.	0.4	50
61	Virus-Induced Inhibition of CD1d1-Mediated Antigen Presentation: Reciprocal Regulation by p38 and ERK. Journal of Immunology, 2005, 175, 4301-4308.	0.4	79
62	Lamp-2a Facilitates MHC Class II Presentation of Cytoplasmic Antigens. Immunity, 2005, 22, 571-581.	6.6	273
63	An Important Role for CD1d and NKT Cells in the Suppression of Hematopoiesis in Mice Induced by Infection with Cytomegalovirus.. Blood, 2005, 106, 574-574.	0.6	0
64	Development of a Quantitative Cell-Based Intracellular ELISA for the Screening of B Cell Hybridoma Supernatants: A Novel Rapid Assay to Detect Positive Clones. Hybridoma, 2004, 23, 373-379.	0.6	6
65	CD1d1-Dependent Control of the Magnitude of an Acute Antiviral Immune Response. Journal of Immunology, 2004, 172, 3454-3461.	0.4	54
66	Natural Killer T (NKT) Cells in Transplantation. , 2004, , 355-364.		0
67	Genetics of CD1 Molecules. , 2004, , 67-69.		0
68	Myeloid marker expression on antiviral CD8+ Tâ€„cells following an acute virus infection. European Journal of Immunology, 2003, 33, 2736-2743.	1.6	65
69	Defective presentation of the CD1d1-restricted natural Va14Ja18 NKT lymphocyte antigen caused by Â-D-glucosylceramide synthase deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1849-1854.	3.3	142
70	BATF Transgenic Mice Reveal a Role for Activator Protein-1 in NKT Cell Development. Journal of Immunology, 2003, 170, 2417-2426.	0.4	41
71	CD1d-Mediated Antigen Presentation to Natural Killer T (NKT) Cells. Critical Reviews in Immunology, 2003, 23, 403-419.	1.0	44
72	Evidence for Immune Responses to a Self-Antigen in Lung Transplantation: Role of Type V Collagen-Specific T Cells in the Pathogenesis of Lung Allograft Rejection. Journal of Immunology, 2002, 169, 1542-1549.	0.4	160

#	Article	IF	Citations
73	Inhibition of glycolipid shedding rescues recognition of a CD1+ T cell lymphoma by natural killer T (NKT) cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8197-8202.	3.3	84
74	Lipid Protein Interactions: The Assembly of CD1d1 with Cellular Phospholipids Occurs in the Endoplasmic Reticulum. Journal of Immunology, 2002, 168, 723-733.	0.4	108
75	Recycling CD1d1 Molecules Present Endogenous Antigens Processed in an Endocytic Compartment to NKT Cells. Journal of Immunology, 2002, 168, 5409-5414.	0.4	121
76	Role of 4-1BB (CD137) in the functional activation of cord blood CD28â^'CD8+ T cells. Blood, 2002, 100, 3253-3260.	0.6	41
77	Natural killer T (NKT) cells and their role in antitumor immunity. Critical Reviews in Oncology/Hematology, 2002, 41, 287-298.	2.0	95
78	Generation of cellular immunity to lymphocytic choriomeningitis virus is independent of CD1d1 expression. Immunology, 2001, 104, 168-174.	2.0	35
79	Heterosubtypic Immunity to Influenza A Virus in Mice Lacking IgA, All Ig, NKT Cells, or Î³Î´ T Cells. Journal of Immunology, 2001, 166, 7437-7445.	0.4	127
80	Multiple Antigen-Specific Processing Pathways for Activating Naive CD8+ T Cells In Vivo. Journal of Immunology, 2001, 166, 4355-4362.	0.4	85
81	Selective Loss of Natural Killer T Cells by Apoptosis following Infection with Lymphocytic Choriomeningitis Virus. Journal of Virology, 2001, 75, 10746-10754.	1.5	95
82	Impaired Assembly yet Normal Trafficking of MHC Class I Molecules in Tapasin Mutant Mice. Immunity, 2000, 13, 213-222.	6.6	208
83	Natural Ligand of Mouse CD1d1: Cellular Glycosylphosphatidylinositol. Science, 1998, 279, 1541-1544.	6.0	371
84	TAP-independent, beta 2-microglobulin-dependent surface expression of functional mouse CD1.1.. Journal of Experimental Medicine, 1995, 182, 1913-1919.	4.2	147
85	CD1 recognition by mouse NK1+ T lymphocytes. Science, 1995, 268, 863-865.	6.0	831
86	The monoclonal antibody CZ-1 identifies a mouse CD45-associated epitope expressed on interleukin-2-responsive cells. European Journal of Immunology, 1993, 23, 2427-2433.	1.6	5
87	Class I MHC Antigens and the Control of Virus Infections by NK Cells. , 1993, , 400-406.		2
88	Lack of correlation between antitumour response and serum interferon levels in mice treated with SSM, an immunotherapeutic anticancer agent. British Journal of Cancer, 1986, 53, 567-570.	2.9	7
89	Ability of sera from mice treated with Ge-132, an organic germanium compound, to inhibit experimental murine ascites tumours. British Journal of Cancer, 1985, 52, 757-763.	2.9	46