Janice S Blum

List of Publications by Year
in descending order

92 papers	13,531 citations	53660 45 h-index	48187 88 g-index
95 all docs	95 docs citations	95 times ranked	21723 citing authors

#	Article	IF	Citations
1	Expression of gilt acts as a positive regulator of mouse hematopoietic progenitor cells. Blood Cells, Molecules, and Diseases, 2021, 90, 102574.	0.6	0
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition	4.3	1,430
3	Response to Comment on Sims et al. Proinsulin Secretion Is a Persistent Feature of Type 1 Diabetes. Diabetes Care 2019;42:258â€“264. Diabetes Care, 2019, 42, e85-e86.	4.3	5
4	Analysis of serum Hsp90 as a potential biomarker of Î² cell autoimmunity in type 1 diabetes. PLoS ONE, 2019, 14, e0208456.	1.1	15
5	Proinsulin Secretion Is a Persistent Feature of Type 1 Diabetes. Diabetes Care, 2019, 42, 258-264.	4.3	82
6	Inhibition of acid sphingomyelinase disrupts LYNUS signaling and triggers autophagy. Journal of Lipid Research, 2018, 59, 596-606.	2.0	27
7	Early Activation of Peripheral Monocytes with Hallmarks of M1 and M2 Monocytic Cells in Excessive Alcohol Drinkers: A Pilot Study. Journal of Investigative Medicine, 2018, 66, 1-4.	0.7	4
8	Melanoma LAMP-2C Modulates Tumor Growth and Autophagy. Frontiers in Cell and Developmental Biology, 2018, 6, 101.	1.8	11
9	Inflammatory stress of pancreatic beta cells drives release of extracellular heatâ€shock protein 90Î±. Immunology, 2017, 151, 198-210.	2.0	22
10	Elevations in the Fasting Serum Proinsulinâ€“toâ€“C-Peptide Ratio Precede the Onset of Type 1 Diabetes. Diabetes Care, 2016, 39, 1519-1526.	4.3	106
11	Immunogenicity of Therapeutic Protein Aggregates. Journal of Pharmaceutical Sciences, 2016, 105, 417-430.	1.6	392
12	The relationship between BMI and insulin resistance and progression from single to multiple autoantibody positivity and type 1 diabetes among TrialNet Pathway to Prevention participants. Diabetologia, 2016, 59, 1186-1195.	2.9	36
13	Hypoxia-Inducible Factor-1Î± Regulates CD55 in Airway Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 889-898.	1.4	27
14	LAMP-2C Inhibits MHC Class II Presentation of Cytoplasmic Antigens by Disrupting Chaperone-Mediated Autophagy. Journal of Immunology, 2016, 196, 2457-2465.	0.4	40
15	Proinsulin and heat shock protein 90 as biomarkers of beta-cell stress in the early period after onset of type 1 diabetes. Translational Research, 2016, 168, 96-106.e1.	2.2	56
16	Critical role of PPARÎ³ in myeloid-derived suppressor cell-stimulated cancer cell proliferation and metastasis. Oncotarget, 2016, 7, 1529-1543.	0.8	41
17	Literatureâ€“Based Discovery of Salivary Biomarkers for Type 2 Diabetes Mellitus. Biomarker Insights, 2015, 10, BMI.S22177.	1.0	26
18	Hyperâ€responsive Tollâ€like receptor 7 and 9 activation in <scp>NADPH</scp> oxidaseâ€deficient B lymphoblasts. Immunology, 2015, 146, 595-606.	2.0	12

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19	Elevation of c-MYC Disrupts HLA Class IIâ€“Mediated Immune Recognition of Human B Cell Tumors. Journal of Immunology, 2015, 194, 1434-1445.	0.4	37
20	Macronutrient Deprivation Modulates Antigen Trafficking and Immune Recognition through HSC70 Accessibility. Journal of Immunology, 2015, 194, 1446-1453.	0.4	10
21	Elevations in Circulating Methylated and Unmethylated Preproinsulin DNA in New-Onset Type 1 Diabetes. Diabetes, 2015, 64, 3867-3872.	0.3	80
22	A central role for HSC70 in regulating antigen trafficking and MHC class II presentation. Molecular Immunology, 2015, 68, 85-88.	1.0	35
23	Pyruvate Protects Pathogenic Spirochetes from H2O2 Killing. PLoS ONE, 2014, 9, e84625.	1.1	38
24	Established and emerging biomarkers for the prediction of type 1 diabetes: a systematic review. Translational Research, 2014, 164, 110-121.	2.2	58
25	Soypeptide lunasin in cytokine immunotherapy for lymphoma. Cancer Immunology, Immunotherapy, 2014, 63, 283-295.	2.0	42
26	Virusâ€encoded ectopic <scp>CD</scp>74 enhances poxvirus vaccine efficacy. Immunology, 2014, 141, 531-539.	2.0	3
27	Pathways of Antigen Processing. Annual Review of Immunology, 2013, 31, 443-473.	9.5	1,224
28	The Transcription Factor Twist1 Limits T Helper 17 and T Follicular Helper Cell Development by Repressing the Gene Encoding the Interleukin-6 Receptor Î± Chain. Journal of Biological Chemistry, 2013, 288, 27423-27433.	1.6	29
29	A Role for NADPH Oxidase in Antigen Presentation. Frontiers in Immunology, 2013, 4, 295.	2.2	40
30	Opposing Roles of STAT4 and Dnmt3a in Th1 Gene Regulation. Journal of Immunology, 2013, 191, 902-911.	0.4	49
31	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
32	Cutting Edge: NADPH Oxidase Modulates MHC Class II Antigen Presentation by B Cells. Journal of Immunology, 2012, 189, 3800-3804.	0.4	47
33	Inhibition of PPARÎ³ in myeloid-lineage cells induces systemic inflammation, immunosuppression, and tumorigenesis. Blood, 2012, 119, 115-126.	0.6	85
34	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
35	STAT3-dependent IL-21 production from T helper cells regulates hematopoietic progenitor cell homeostasis. Blood, 2011, 117, 6198-6201.	0.6	35
36	Myeloid-Specific Expression of Human Lysosomal Acid Lipase Corrects Malformation and Malfunction of Myeloid-Derived Suppressor Cells in lal â^'/â^' Mice. Journal of Immunology, 2011, 187, 3854-3866.	0.4	38

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37	LAMPâ€2â€deficient human B cells exhibit altered MHC class II presentation of exogenous antigens. Immunology, 2010, 131, 318-330.	2.0	55
38	Autophagy and adaptive immunity. Immunology, 2010, 131, 9-17.	2.0	100
39	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
40	Uncovering the interplay between CD8, CD4 and antibody responses to complex pathogens. Future Microbiology, 2010, 5, 221-239.	1.0	68
41	Type B Insulin Resistance Developing During Interferon-Î± Therapy. Endocrine Practice, 2009, 15, 153-157.	1.1	9
42	HSP90Î± and HSP90Î² Isoforms Selectively Modulate MHC Class II Antigen Presentation in B Cells. Journal of Immunology, 2009, 182, 7451-7458.	0.4	38
43	Diminished Intracellular Invariant Chain Expression after Vaccinia Virus Infection. Journal of Immunology, 2009, 183, 1542-1550.	0.4	10
44	Autophagy and Its Role in MHC-Mediated Antigen Presentation. Journal of Immunology, 2009, 182, 3335-3341.	0.4	215
45	HLAâ€DM negatively regulates HLAâ€DR4â€restricted collagen pathogenic peptide presentation and T cell recognition. European Journal of Immunology, 2008, 38, 1961-1970.	1.6	33
46	Cytosol to Lysosome Transport of Intracellular Antigens During Immune Surveillance. Traffic, 2008, 9, 10-16.	1.3	35
47	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
48	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
49	Loss of invariant chain expression with vaccinia virus infection of APC. FASEB Journal, 2008, 22, 1068.7.	0.2	0
50	HSP90 inhibition affects MHC class II presentation of glutamic acid decarboxylase. FASEB Journal, 2008, 22, 1067.9.	0.2	0
51	Autophagy in MHC class II antigen processing. Current Opinion in Immunology, 2007, 19, 87-92.	2.4	57
52	Vaccinia virus infection induces dendritic cell maturation but inhibits antigen presentation by MHC class II. Cellular Immunology, 2007, 246, 92-102.	1.4	35
53	Invariant chain modulates HLA class II protein recycling and peptide presentation in nonprofessional antigen presenting cells. Cellular Immunology, 2007, 249, 20-29.	1.4	20
54	Interferonâ€Β Antiâ€viral Therapy Induced Type II Diabetes. FASEB Journal, 2007, 21, A767.	0.2	0

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55	Effects of HIV Protease Inhibitor Ritonavir on Akt-Regulated Cell Proliferation in Breast Cancer. Clinical Cancer Research, 2006, 12, 1883-1896.	3.2	100
56	Cutting Edge: Rho Activation and Actin Polarization Are Dependent on Plexin-A1 in Dendritic Cells. Journal of Immunology, 2006, 177, 4271-4275.	0.4	30
57	Unifying Nomenclature for the Isoforms of the Lysosomal Membrane Protein LAMP-2. Traffic, 2005, 6, 1058-1061.	1.3	107
58	Compartmentalization of class II antigen presentation: contribution of cytoplasmic and endosomal processing. Immunological Reviews, 2005, 207, 206-217.	2.8	80
59	Autophagy and intracellular surveillance: Modulating MHC class II antigen presentation with stress. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7779-7780.	3.3	53
60	One for One Peptide Binding to MHC Molecules. Journal of Immunology, 2005, 175, 4161-4162.	0.4	0
61	Disruption of MHC Class II-Restricted Antigen Presentation by Vaccinia Virus. Journal of Immunology, 2005, 175, 6481-6488.	0.4	50
62	CD80 Binding Polyproline Helical Peptide Inhibits T Cell Activation. Journal of Biological Chemistry, 2005, 280, 10149-10155.	1.6	19
63	Lamp-2a Facilitates MHC Class II Presentation of Cytoplasmic Antigens. Immunity, 2005, 22, 571-581.	6.6	273
64	CD4-Independent Infection of Astrocytes by Human Immunodeficiency Virus Type 1: Requirement for the Human Mannose Receptor. Journal of Virology, 2004, 78, 4120-4133.	1.5	183
65	Cutting Edge: Induction of the Antigen-Processing Enzyme IFN-Î³-Inducible Lysosomal Thiol Reductase in Melanoma Cells Is STAT1-Dependent but CIITA-Independent. Journal of Immunology, 2004, 173, 731-735.	0.4	64
66	Cathepsin E: A Novel Target for Regulation by Class II Transactivator. Journal of Immunology, 2004, 172, 5528-5534.	0.4	51
67	Presentation of Cytosolic Antigens Via MHC Class II Molecules. Immunologic Research, 2004, 30, 279-290.	1.3	19
68	CIITA-regulated plexin-A1 affects T-cellâ€“dendritic cell interactions. Nature Immunology, 2003, 4, 891-898.	7.0	129
69	Differential Expression of Smad7 Transcripts Identifies the CD4+CD45RChigh Regulatory T Cells That Mediate Type V Collagen-Induced Tolerance to Lung Allografts. Journal of Immunology, 2003, 171, 1140-1147.	0.4	65
70	Editing of an Immunodominant Epitope of Glutamate Decarboxylase by HLA-DM. Journal of Immunology, 2003, 171, 853-859.	0.4	41
71	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
72	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

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73	Absence of Î³-Interferonâ€“inducible Lysosomal Thiol Reductase in Melanomas Disrupts T Cell Recognition of Select Immunodominant Epitopes. Journal of Experimental Medicine, 2002, 195, 1267-1277.	4.2	123
74	Role of Disulfide Bonds in Regulating Antigen Processing and Epitope Selection. Journal of Immunology, 2002, 169, 2444-2450.	0.4	89
75	Cysteinylation of MHC Class II Ligands: Peptide Endocytosis and Reduction Within APC Influences T Cell Recognition. Journal of Immunology, 2001, 166, 4543-4551.	0.4	55
76	Cutting Edge: Editing of Recycling Class II:Peptide Complexes by HLA-DM. Journal of Immunology, 2001, 167, 632-635.	0.4	49
77	Endocytic Recycling is Required for the Presentation of an Exogenous Peptide via MHC Class II Molecules. Traffic, 2000, 1, 561-569.	1.3	58
78	Cytoplasmic Processing Is a Prerequisite for Presentation of an Endogenous Antigen by Major Histocompatibility Complex Class II Proteins. Journal of Experimental Medicine, 2000, 191, 1513-1524.	4.2	136
79	Biotin Labeling and Quantitation of Cellâ€Surface Proteins. Current Protocols in Immunology, 2000, 36, Unit 18.7.	3.6	13
80	Detection of biotinylated cell surface receptors and MHC molecules in a capture ELISA: a rapid assay to measure endocytosis. Journal of Immunological Methods, 1998, 212, 9-18.	0.6	21
81	Modulation of Peptide-Dependent Allospecific Epitopes on HLA-DR4 Molecules by HLA-DM. Human Immunology, 1998, 59, 77-86.	1.2	10
82	Regulation of mannose receptor synthesis and turnover in mouse J774 macrophages. Journal of Leukocyte Biology, 1998, 64, 85-91.	1.5	28
83	Presentation of abundant endogenous class II DR-restricted antigens by DM-negative B cell lines. European Journal of Immunology, 1997, 27, 1014-1021.	1.6	17
84	Delayed Activation of the Mannose Receptor following Synthesis. Journal of Biological Chemistry, 1996, 271, 30736-30740.	1.6	18
85	Intracellular assembly and transport of endogenous peptide-MHC class II complexes. Immunity, 1994, 1, 585-594.	6.6	117
86	Purification and characterization of the d-mannose receptor from J774 mouse macrophage cells. Carbohydrate Research, 1991, 213, 145-153.	1.1	26
87	Transport and expression of HLA class-II glycoproteins. Immunologic Research, 1990, 9, 190-199.	1.3	5
88	Co-localization of molecules involved in antigen processing and presentation in an early endocytic compartment. Nature, 1990, 343, 133-139.	13.7	378
89	Inactivation of glutathione peroxidase by superoxide radical. Archives of Biochemistry and Biophysics, 1985, 240, 500-508.	1.4	489
90	Enzymatic defenses against oxygen toxicity in the hydrothermal vent animals Riftia pachyptila and Calyptogena magnifica. Archives of Biochemistry and Biophysics, 1984, 228, 617-620.	1.4	59

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91	Superoxide, hydrogen peroxide, and oxygen toxicity in two free-living nematode species. Archives of Biochemistry and Biophysics, 1983, 222, 35-43.	1.4	76
92	Distinguishing between Mn-containing and Fe-containing superoxide dismutases in crude extracts of cells. Archives of Biochemistry and Biophysics, 1980, 201, 551-555.	1.4	97