

Janice S Blum

List of Publications by Year in descending order

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92
papers

13,531
citations

53794

45
h-index

48315

88
g-index

95
all docs

95
docs citations

95
times ranked

21723
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 1,430	9.1	1,430
4	Pathways of Antigen Processing. <i>Annual Review of Immunology</i> , 2013, 31, 443-473.	21.8	1,224
5	Inactivation of glutathione peroxidase by superoxide radical. <i>Archives of Biochemistry and Biophysics</i> , 1985, 240, 500-508.	3.0	489
6	Immunogenicity of Therapeutic Protein Aggregates. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 417-430.	3.3	392
7	Co-localization of molecules involved in antigen processing and presentation in an early endocytic compartment. <i>Nature</i> , 1990, 343, 133-139.	27.8	378
8	Lamp-2a Facilitates MHC Class II Presentation of Cytoplasmic Antigens. <i>Immunity</i> , 2005, 22, 571-581.	14.3	273
9	Autophagy and Its Role in MHC-Mediated Antigen Presentation. <i>Journal of Immunology</i> , 2009, 182, 3335-3341.	0.8	215
10	CD4-Independent Infection of Astrocytes by Human Immunodeficiency Virus Type 1: Requirement for the Human Mannose Receptor. <i>Journal of Virology</i> , 2004, 78, 4120-4133.	3.4	183
11	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. <i>Journal of Immunology</i> , 2002, 169, 1542-1549.	0.8	160
12	Cytoplasmic Processing Is a Prerequisite for Presentation of an Endogenous Antigen by Major Histocompatibility Complex Class II Proteins. <i>Journal of Experimental Medicine</i> , 2000, 191, 1513-1524.	8.5	136
13	CIITA-regulated plexin-A1 affects T-cell-dendritic cell interactions. <i>Nature Immunology</i> , 2003, 4, 891-898.	14.5	129
14	Absence of β -Interferon-inducible Lysosomal Thiol Reductase in Melanomas Disrupts T Cell Recognition of Select Immunodominant Epitopes. <i>Journal of Experimental Medicine</i> , 2002, 195, 1267-1277.	8.5	123
15	Intracellular assembly and transport of endogenous peptide-MHC class II complexes. <i>Immunity</i> , 1994, 1, 585-594.	14.3	117
16	Unifying Nomenclature for the Isoforms of the Lysosomal Membrane Protein LAMP-2. <i>Traffic</i> , 2005, 6, 1058-1061.	2.7	107
17	Elevations in the Fasting Serum Proinsulin-to-C-Peptide Ratio Precede the Onset of Type 1 Diabetes. <i>Diabetes Care</i> , 2016, 39, 1519-1526.	8.6	106
18	Effects of HIV Protease Inhibitor Ritonavir on Akt-Regulated Cell Proliferation in Breast Cancer. <i>Clinical Cancer Research</i> , 2006, 12, 1883-1896.	7.0	100

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19	Autophagy and adaptive immunity. <i>Immunology</i> , 2010, 131, 9-17.	4.4	100
20	Distinguishing between Mn-containing and Fe-containing superoxide dismutases in crude extracts of cells. <i>Archives of Biochemistry and Biophysics</i> , 1980, 201, 551-555.	3.0	97
21	Role of Disulfide Bonds in Regulating Antigen Processing and Epitope Selection. <i>Journal of Immunology</i> , 2002, 169, 2444-2450.	0.8	89
22	Inhibition of PPAR β in myeloid-lineage cells induces systemic inflammation, immunosuppression, and tumorigenesis. <i>Blood</i> , 2012, 119, 115-126.	1.4	85
23	Inhibition of glycolipid shedding rescues recognition of a CD1+ T cell lymphoma by natural killer T (NKT) cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8197-8202.	7.1	84
24	Proinsulin Secretion Is a Persistent Feature of Type 1 Diabetes. <i>Diabetes Care</i> , 2019, 42, 258-264.	8.6	82
25	Compartmentalization of class II antigen presentation: contribution of cytoplasmic and endosomal processing. <i>Immunological Reviews</i> , 2005, 207, 206-217.	6.0	80
26	Elevations in Circulating Methylated and Unmethylated Preproinsulin DNA in New-Onset Type 1 Diabetes. <i>Diabetes</i> , 2015, 64, 3867-3872.	0.6	80
27	Superoxide, hydrogen peroxide, and oxygen toxicity in two free-living nematode species. <i>Archives of Biochemistry and Biophysics</i> , 1983, 222, 35-43.	3.0	76
28	Uncovering the interplay between CD8, CD4 and antibody responses to complex pathogens. <i>Future Microbiology</i> , 2010, 5, 221-239.	2.0	68
29	Differential Expression of Smad7 Transcripts Identifies the CD4+CD45RChigh Regulatory T Cells That Mediate Type V Collagen-Induced Tolerance to Lung Allografts. <i>Journal of Immunology</i> , 2003, 171, 1140-1147.	0.8	65
30	Cutting Edge: Induction of the Antigen-Processing Enzyme IFN- γ -Inducible Lysosomal Thiol Reductase in Melanoma Cells Is STAT1-Dependent but CIITA-Independent. <i>Journal of Immunology</i> , 2004, 173, 731-735.	0.8	64
31	Vaccinia Virus Blocks Stat1-Dependent and Stat1-Independent Gene Expression Induced by Type I and Type II Interferons. <i>Journal of Interferon and Cytokine Research</i> , 2008, 28, 367-380.	1.2	60
32	Enzymatic defenses against oxygen toxicity in the hydrothermal vent animals <i>Riftia pachyptila</i> and <i>Calyptogenia magnifica</i> . <i>Archives of Biochemistry and Biophysics</i> , 1984, 228, 617-620.	3.0	59
33	Endocytic Recycling is Required for the Presentation of an Exogenous Peptide via MHC Class II Molecules. <i>Traffic</i> , 2000, 1, 561-569.	2.7	58
34	Established and emerging biomarkers for the prediction of type 1 diabetes: a systematic review. <i>Translational Research</i> , 2014, 164, 110-121.	5.0	58
35	Autophagy in MHC class II antigen processing. <i>Current Opinion in Immunology</i> , 2007, 19, 87-92.	5.5	57
36	Proinsulin and heat shock protein 90 as biomarkers of beta-cell stress in the early period after onset of type 1 diabetes. <i>Translational Research</i> , 2016, 168, 96-106.e1.	5.0	56

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37	Cysteinylation of MHC Class II Ligands: Peptide Endocytosis and Reduction Within APC Influences T Cell Recognition. <i>Journal of Immunology</i> , 2001, 166, 4543-4551.	0.8	55
38	LAMP2-deficient human B cells exhibit altered MHC class II presentation of exogenous antigens. <i>Immunology</i> , 2010, 131, 318-330.	4.4	55
39	Autophagy and intracellular surveillance: Modulating MHC class II antigen presentation with stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7779-7780.	7.1	53
40	Cathepsin E: A Novel Target for Regulation by Class II Transactivator. <i>Journal of Immunology</i> , 2004, 172, 5528-5534.	0.8	51
41	Disruption of MHC Class II-Restricted Antigen Presentation by Vaccinia Virus. <i>Journal of Immunology</i> , 2005, 175, 6481-6488.	0.8	50
42	Cutting Edge: Editing of Recycling Class II:Peptide Complexes by HLA-DM. <i>Journal of Immunology</i> , 2001, 167, 632-635.	0.8	49
43	Tc17 Cells Are Capable of Mediating Immunity to Vaccinia Virus by Acquisition of a Cytotoxic Phenotype. <i>Journal of Immunology</i> , 2010, 185, 2089-2098.	0.8	49
44	Opposing Roles of STAT4 and Dnmt3a in Th1 Gene Regulation. <i>Journal of Immunology</i> , 2013, 191, 902-911.	0.8	49
45	Cutting Edge: NADPH Oxidase Modulates MHC Class II Antigen Presentation by B Cells. <i>Journal of Immunology</i> , 2012, 189, 3800-3804.	0.8	47
46	Soypeptide lunasin in cytokine immunotherapy for lymphoma. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 283-295.	4.2	42
47	Editing of an Immunodominant Epitope of Glutamate Decarboxylase by HLA-DM. <i>Journal of Immunology</i> , 2003, 171, 853-859.	0.8	41
48	Critical role of PPAR β in myeloid-derived suppressor cell-stimulated cancer cell proliferation and metastasis. <i>Oncotarget</i> , 2016, 7, 1529-1543.	1.8	41
49	A Role for NADPH Oxidase in Antigen Presentation. <i>Frontiers in Immunology</i> , 2013, 4, 295.	4.8	40
50	LAMP-2C Inhibits MHC Class II Presentation of Cytoplasmic Antigens by Disrupting Chaperone-Mediated Autophagy. <i>Journal of Immunology</i> , 2016, 196, 2457-2465.	0.8	40
51	HSP90 α and HSP90 β Isoforms Selectively Modulate MHC Class II Antigen Presentation in B Cells. <i>Journal of Immunology</i> , 2009, 182, 7451-7458.	0.8	38
52	Myeloid-Specific Expression of Human Lysosomal Acid Lipase Corrects Malformation and Malfunction of Myeloid-Derived Suppressor Cells in <i>lala</i> Mice. <i>Journal of Immunology</i> , 2011, 187, 3854-3866.	0.8	38
53	Pyruvate Protects Pathogenic Spirochetes from H ₂ O ₂ Killing. <i>PLoS ONE</i> , 2014, 9, e84625.	2.5	38
54	Elevation of c-MYC Disrupts HLA Class II-Mediated Immune Recognition of Human B Cell Tumors. <i>Journal of Immunology</i> , 2015, 194, 1434-1445.	0.8	37

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55	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. <i>Diabetologia</i> , 2016, 59, 1186-1195.	6.3	36
56	Vaccinia virus infection induces dendritic cell maturation but inhibits antigen presentation by MHC class II. <i>Cellular Immunology</i> , 2007, 246, 92-102.	3.0	35
57	Cytosol to Lysosome Transport of Intracellular Antigens During Immune Surveillance. <i>Traffic</i> , 2008, 9, 10-16.	2.7	35
58	STAT3-dependent IL-21 production from T helper cells regulates hematopoietic progenitor cell homeostasis. <i>Blood</i> , 2011, 117, 6198-6201.	1.4	35
59	A central role for HSC70 in regulating antigen trafficking and MHC class II presentation. <i>Molecular Immunology</i> , 2015, 68, 85-88.	2.2	35
60	HLA-DM negatively regulates HLA-DP4-restricted collagen pathogenic peptide presentation and T cell recognition. <i>European Journal of Immunology</i> , 2008, 38, 1961-1970.	2.9	33
61	Cutting Edge: Rho Activation and Actin Polarization Are Dependent on Plexin-A1 in Dendritic Cells. <i>Journal of Immunology</i> , 2006, 177, 4271-4275.	0.8	30
62	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. <i>Journal of Biological Chemistry</i> , 2013, 288, 27423-27433.	3.4	29
63	Regulation of mannose receptor synthesis and turnover in mouse J774 macrophages. <i>Journal of Leukocyte Biology</i> , 1998, 64, 85-91.	3.3	28
64	Hypoxia-Inducible Factor-1Î± Regulates CD55 in Airway Epithelium. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 889-898.	2.9	27
65	Inhibition of acid sphingomyelinase disrupts LYNUS signaling and triggers autophagy. <i>Journal of Lipid Research</i> , 2018, 59, 596-606.	4.2	27
66	Purification and characterization of the d-mannose receptor from J774 mouse macrophage cells. <i>Carbohydrate Research</i> , 1991, 213, 145-153.	2.3	26
67	Literature-Based Discovery of Salivary Biomarkers for Type 2 Diabetes Mellitus. <i>Biomarker Insights</i> , 2015, 10, BML.S22177.	2.5	26
68	Inflammatory stress of pancreatic beta cells drives release of extracellular heat shock protein 90Î±. <i>Immunology</i> , 2017, 151, 198-210.	4.4	22
69	Detection of biotinylated cell surface receptors and MHC molecules in a capture ELISA: a rapid assay to measure endocytosis. <i>Journal of Immunological Methods</i> , 1998, 212, 9-18.	1.4	21
70	Invariant chain modulates HLA class II protein recycling and peptide presentation in nonprofessional antigen presenting cells. <i>Cellular Immunology</i> , 2007, 249, 20-29.	3.0	20
71	Presentation of Cytosolic Antigens Via MHC Class II Molecules. <i>Immunologic Research</i> , 2004, 30, 279-290.	2.9	19
72	CD80 Binding Polyproline Helical Peptide Inhibits T Cell Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 10149-10155.	3.4	19

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73	Delayed Activation of the Mannose Receptor following Synthesis. <i>Journal of Biological Chemistry</i> , 1996, 271, 30736-30740.	3.4	18
74	Presentation of abundant endogenous class II DR-restricted antigens by DM-negative B cell lines. <i>European Journal of Immunology</i> , 1997, 27, 1014-1021.	2.9	17
75	Analysis of serum Hsp90 as a potential biomarker of \hat{I}^2 cell autoimmunity in type 1 diabetes. <i>PLoS ONE</i> , 2019, 14, e0208456.	2.5	15
76	Biotin Labeling and Quantitation of Cellâ€™s Surface Proteins. <i>Current Protocols in Immunology</i> , 2000, 36, Unit 18.7.	3.6	13
77	Hyperâ€™responsive Tollâ€™like receptor 7 and 9 activation in <sc>NADPH</sc> oxidaseâ€™deficient B lymphoblasts. <i>Immunology</i> , 2015, 146, 595-606.	4.4	12
78	Melanoma LAMP-2C Modulates Tumor Growth and Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 101.	3.7	11
79	Modulation of Peptide-Dependent Allospecific Epitopes on HLA-DR4 Molecules by HLA-DM. <i>Human Immunology</i> , 1998, 59, 77-86.	2.4	10
80	Diminished Intracellular Invariant Chain Expression after Vaccinia Virus Infection. <i>Journal of Immunology</i> , 2009, 183, 1542-1550.	0.8	10
81	Macronutrient Deprivation Modulates Antigen Trafficking and Immune Recognition through HSC70 Accessibility. <i>Journal of Immunology</i> , 2015, 194, 1446-1453.	0.8	10
82	Type B Insulin Resistance Developing During Interferon- \hat{I}^2 Therapy. <i>Endocrine Practice</i> , 2009, 15, 153-157.	2.1	9
83	Transport and expression of HLA class-II glycoproteins. <i>Immunologic Research</i> , 1990, 9, 190-199.	2.9	5
84	Allergic Airway Disease in Mice Alters T and B Cell Responses during an Acute Respiratory Poxvirus Infection. <i>PLoS ONE</i> , 2013, 8, e62222.	2.5	5
85	Response to Comment on Sims et al. Proinsulin Secretion Is a Persistent Feature of Type 1 Diabetes. <i>Diabetes Care</i> 2019;42:258â€™264. <i>Diabetes Care</i> , 2019, 42, e85-e86.	8.6	5
86	Early Activation of Peripheral Monocytes with Hallmarks of M1 and M2 Monocytic Cells in Excessive Alcohol Drinkers: A Pilot Study. <i>Journal of Investigative Medicine</i> , 2018, 66, 1-4.	1.6	4
87	Virusâ€™encoded ectopic <sc>CD</sc>74 enhances poxvirus vaccine efficacy. <i>Immunology</i> , 2014, 141, 531-539.	4.4	3
88	One for One Peptide Binding to MHC Molecules. <i>Journal of Immunology</i> , 2005, 175, 4161-4162.	0.8	0
89	Expression of gila acts as a positive regulator of mouse hematopoietic progenitor cells. <i>Blood Cells, Molecules, and Diseases</i> , 2021, 90, 102574.	1.4	0
90	Interferonâ€™B Antiâ€™viral Therapy Induced Type II Diabetes. <i>FASEB Journal</i> , 2007, 21, A767.	0.5	0

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91	Loss of invariant chain expression with vaccinia virus infection of APC. FASEB Journal, 2008, 22, 1068.7.	0.5	0
92	HSP90 inhibition affects MHC class II presentation of glutamic acid decarboxylase. FASEB Journal, 2008, 22, 1067.9.	0.5	0