Brent Johnston

List of Publications by Year
in descending order

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Version: 2024-02-01

55 papers	4,068 citations	136950 32 h-index	175258 52 g-index
56 all docs	56 docs citations	56 times ranked	5922 citing authors

#	Article	IF	Citations
1	Natural killer T cell immunotherapy combined with IL-15-expressing oncolytic virotherapy and PD-1 blockade mediates pancreatic tumor regression. , 2022, 10, e003923.		13
2	Mitochondrial damage-associated molecular patterns trigger arginase-dependent lymphocyte immunoregulation. Cell Reports, 2022, 39, 110847.	6.4	10
3	Natural killer T cell immunotherapy combined with oncolytic vesicular stomatitis virus or reovirus treatments differentially increases survival in mouse models of ovarian and breast cancer metastasis. , 2021, 9, e002096.		34
4	The Current Landscape of NKT Cell Immunotherapy and the Hills Ahead. Cancers, 2021, 13, 5174.	3.7	47
5	Myeloid-derived suppressor cell depletion therapy targets IL-17A-expressing mammary carcinomas. Scientific Reports, 2020, 10, 13343.	3.3	21
6	Mice Lacking Î³Î´ T Cells Exhibit Impaired Clearance of Pseudomonas aeruginosa Lung Infection and Excessive Production of Inflammatory Cytokines. Infection and Immunity, 2020, 88, .	2.2	11
7	Selective Cannabinoid 2 Receptor Agonists as Potential Therapeutic Drugs for the Treatment of Endotoxin-Induced Uveitis. Molecules, 2019, 24, 3338.	3.8	11
8	Leishmania donovani Lipophosphoglycan Increases Macrophage-Dependent Chemotaxis of CXCR6-Expressing Cells via CXCL16 Induction. Infection and Immunity, 2019, 87, .	2.2	9
9	Promotion of Primary Murine Breast Cancer Growth and Metastasis by Adipose-Derived Stem Cells Is Reduced in the Presence of Autologous Fat Graft. Plastic and Reconstructive Surgery, 2019, 143, 137-147.	1.4	16
10	Ticagrelor inhibits plateletâ€“tumor cell interactions and metastasis in human and murine breast cancer. Clinical and Experimental Metastasis, 2018, 35, 25-35.	3.3	61
11	Loss of PRP4K drives anoikis resistance in part by dysregulation of epidermal growth factor receptor endosomal trafficking. Oncogene, 2018, 37, 174-184.	5.9	21
12	Natural Killer T-cell Immunotherapy in Combination with Chemotherapy-Induced Immunogenic Cell Death Targets Metastatic Breast Cancer. Cancer Immunology Research, 2017, 5, 1086-1097.	3.4	46
13	Reovirus FAST Protein Enhances Vesicular Stomatitis Virus Oncolytic Virotherapy in Primary and Metastatic Tumor Models. Molecular Therapy - Oncolytics, 2017, 6, 80-89.	4.4	35
14	Cannabinoid 2 receptor is a novel anti-inflammatory target in experimental proliferative vitreoretinopathy. Neuropharmacology, 2017, 113, 627-638.	4.1	22
15	CXCL16-positive dendritic cells enhance invariant natural killer T cell-dependent IFNÎ³ production and tumor control. OncoImmunology, 2016, 5, e1160979.	4.6	27
16	Reconstitution models to evaluate natural killer T cell function in tumor control. Immunology and Cell Biology, 2016, 94, 90-100.	2.3	9
17	Effect of N-Acetylcysteine on Adipose-Derived Stem Cell and Autologous Fat Graft Survival in a Mouse Model. Plastic and Reconstructive Surgery, 2015, 136, 179e-188e.	1.4	25
18	Alternatively Activated M2 Macrophages Improve Autologous Fat Graft Survival in a Mouse Model through Induction of Angiogenesis. Plastic and Reconstructive Surgery, 2015, 135, 140-149.	1.4	63

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19	Regulation of NKT Cell Localization in Homeostasis and Infection. Frontiers in Immunology, 2015, 6, 255.	4.8	86
20	Natural killer T cell activation overcomes immunosuppression to enhance clearance of postsurgical breast cancer metastasis in mice. OncoImmunology, 2015, 4, e995562.	4.6	46
21	Experimental TLR4 inhibition improves intestinal microcirculation in endotoxemic rats. Microvascular Research, 2015, 101, 33-37.	2.5	4
22	The reversible P2Y12 inhibitor ticagrelor inhibits metastasis and improves survival in mouse models of cancer. International Journal of Cancer, 2015, 136, 234-240.	5.1	96
23	Concepts and mechanisms underlying chemotherapy induced immunogenic cell death: impact on clinical studies and considerations for combined therapies. Oncotarget, 2015, 6, 41600-41619.	1.8	102
24	Regulation of Cytokine Polarization and T Cell Recruitment to Inflamed Paws in Mouse Collagenâ€Induced Arthritis by the Chemokine Receptor CXCR6. Arthritis and Rheumatology, 2014, 66, 3001-3012.	5.6	22
25	CCR4 and CXCR3 play different roles in the migration of T cells to inflammation in skin, arthritic joints, and lymph nodes. European Journal of Immunology, 2014, 44, 1633-1643.	2.9	34
26	Acute administration of antibiotics modulates intestinal capillary perfusion and leukocyte adherence during experimental sepsis. International Journal of Antimicrobial Agents, 2013, 41, 536-543.	2.5	10
27	Impact of antibiotics on the microcirculation in local and systemic inflammation. Clinical Hemorheology and Microcirculation, 2013, 53, 155-169.	1.7	15
28	Cannabinoid receptor 2 activation reduces intestinal leukocyte recruitment and systemic inflammatory mediator release in acute experimental sepsis. Critical Care, 2012, 16, R47.	5.8	48
29	Experimental Endotoxemia Induces Leukocyte Adherence and Plasma Extravasation Within the Rat Pial Microcirculation. Physiological Research, 2011, 60, 853-859.	0.9	10
30	A Critical Role for Mast Cells and Mast Cell-Derived IL-6 in TLR2-Mediated Inhibition of Tumor Growth. Journal of Immunology, 2010, 185, 7067-7076.	0.8	121
31	IFN Regulatory Factor 3 Contributes to the Host Response duringPseudomonas aeruginosaLung Infection in Mice. Journal of Immunology, 2010, 185, 3602-3609.	0.8	52
32	Enhanced Tumor Metastasis in Response to Blockade of the Chemokine Receptor CXCR6 Is Overcome by NKT Cell Activation. Journal of Immunology, 2009, 183, 5807-5815.	0.8	34
33	Depletion of natural CD4+CD25+ T regulatory cells with anti-CD25 antibody does not change the course of Pseudomonas aeruginosa-induced acute lung infection in mice. Immunobiology, 2009, 214, 211-222.	1.9	26
34	Role of activated protein C and its receptor in inhibition of tumor metastasis. Blood, 2009, 113, 3371-3374.	1.4	63
35	Critical Role for the Chemokine Receptor CXCR6 in Homeostasis and Activation of CD1d-Restricted NKT Cells. Journal of Immunology, 2008, 181, 81-91.	0.8	104
36	Selective stimulation of mast cells with a TLR2 agonist inhibits tumor growth in vivo. FASEB Journal, 2008, 22, 1076.14.	0.5	0

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37	Chemokine-like receptor 1 expression by macrophages in vivo: Regulation by TGF-Î² and TLR ligands. Experimental Hematology, 2006, 34, 1106-1114.	0.4	124
38	Role for CXCR6 in Recruitment of Activated CD8+ Lymphocytes to Inflamed Liver. Journal of Immunology, 2005, 174, 277-283.	0.8	176
39	Murine CD8+ Recent Thymic Emigrants are Î±E Integrin-Positive and CC Chemokine Ligand 25 Responsive. Journal of Immunology, 2004, 172, 7282-7288.	0.8	32
40	Targeting T cell responses by selective chemokine receptor expression. Seminars in Immunology, 2003, 15, 277-286.	5.6	68
41	A Common Mucosal Chemokine (Mucosae-Associated Epithelial Chemokine/CCL28) Selectively Attracts IgA Plasmablasts. Journal of Immunology, 2003, 170, 3799-3805.	0.8	222
42	Differential Chemokine Responses and Homing Patterns of Murine TCRÎ±Î² NKT Cell Subsets. Journal of Immunology, 2003, 171, 2960-2969.	0.8	160
43	Trafficking machinery of NKT cells: shared and differential chemokine receptor expression among VÎ±24+VÎ²11+ NKT cell subsets with distinct cytokine-producing capacity. Blood, 2002, 100, 11-16.	1.4	313
44	Chemokines in rapid leukocyte adhesion triggering and migration. Seminars in Immunology, 2002, 14, 83-92.	5.6	202
45	Distinct subsets of human VÎ±24-invariant NKT cells: cytokine responses and chemokine receptor expression. Trends in Immunology, 2002, 23, 516-519.	6.8	100
46	Neuronal nitric oxide synthase (NOS) regulates leukocyte-endothelial cell interactions in endothelial NOS deficient mice. British Journal of Pharmacology, 2001, 134, 305-312.	5.4	50
47	Bonzo/CXCR6 expression defines type 1â€“polarized T-cell subsets with extralymphoid tissue homing potential. Journal of Clinical Investigation, 2001, 107, 595-601.	8.2	311
48	Î±4 Integrin-Dependent Leukocyte Recruitment Does Not Require VCAM-1 in a Chronic Model of Inflammation. Journal of Immunology, 2000, 164, 3337-3344.	0.8	36
49	Endothelin-1 causes P-selectin-dependent leukocyte rolling and adhesion within rat mesenteric microvessels. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1823-H1830.	3.2	25
50	The Î±4-integrin: an alternative pathway for neutrophil recruitment?. Trends in Immunology, 1999, 20, 545-550.	7.5	83
51	Chronic inflammation upregulates chemokine receptors and induces neutrophil migration to monocyte chemoattractant protein-1. Journal of Clinical Investigation, 1999, 103, 1269-1276.	8.2	171
52	The Functional Paradox of CD43 in Leukocyte Recruitment: A Study Using CD43-deficient Mice. Journal of Experimental Medicine, 1998, 188, 2181-2186.	8.5	87
53	A minimal role for selectins in the recruitment of leukocytes into the inflamed liver microvasculature.. Journal of Clinical Investigation, 1997, 99, 2782-2790.	8.2	337
54	The alpha 4-integrin supports leukocyte rolling and adhesion in chronically inflamed postcapillary venules in vivo.. Journal of Experimental Medicine, 1996, 183, 1995-2006.	8.5	133

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55	Leukotriene C₄/D₄Induces P-Selectin and Sialyl Lewis^xâ€“Dependent Alterations in Leukocyte Kinetics In Vivo. Circulation Research, 1995, 77, 879-887.	4.5	84