

Charles R Brown

List of Publications by Citations

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47 papers	1,796 citations	20 h-index	42 g-index
47 ext. papers	2,002 ext. citations	5.7 avg, IF	4.24 L-index

#	Paper	IF	Citations
47	Rapid induction of inflammatory lipid mediators by the inflammasome in vivo. <i>Nature</i> , 2012 , 490, 107-115	50.4	327
46	Early and longitudinal evaluations of treated infants and children and untreated historical patients with congenital toxoplasmosis: the Chicago Collaborative Treatment Trial. <i>Clinical Infectious Diseases</i> , 1994 , 18, 38-72	11.6	296
45	A paradoxical role for neutrophils in the pathogenesis of West Nile virus. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1804-12	7	125
44	Susceptibility to experimental Lyme arthritis correlates with KC and monocyte chemoattractant protein-1 production in joints and requires neutrophil recruitment via CXCR2. <i>Journal of Immunology</i> , 2003 , 171, 893-901	5.3	105
43	Lipidomic analysis of dynamic eicosanoid responses during the induction and resolution of Lyme arthritis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 21599-612	5.4	90
42	The chemokine receptor CXCR2 ligand KC (CXCL1) mediates neutrophil recruitment and is critical for development of experimental Lyme arthritis and carditis. <i>Infection and Immunity</i> , 2010 , 78, 4593-600	3.7	78
41	Experimental lyme arthritis in the absence of interleukin-4 or gamma interferon. <i>Infection and Immunity</i> , 1999 , 67, 3329-33	3.7	73
40	Genetic control of experimental lyme arthritis in the absence of specific immunity. <i>Infection and Immunity</i> , 1999 , 67, 1967-73	3.7	51
39	Recruitment of macrophages and polymorphonuclear leukocytes in Lyme carditis. <i>Infection and Immunity</i> , 2007 , 75, 613-20	3.7	48
38	Toxoplasma gondii--new advances in cellular and molecular biology. <i>Experimental Parasitology</i> , 1991 , 72, 109-21	2.1	47
37	Increasing the recruitment of neutrophils to the site of infection dramatically attenuates Borrelia burgdorferi infectivity. <i>Journal of Immunology</i> , 2007 , 178, 5109-15	5.3	40
36	Treatment of mice with the neutrophil-depleting antibody RB6-8C5 results in early development of experimental lyme arthritis via the recruitment of Gr-1- polymorphonuclear leukocyte-like cells. <i>Infection and Immunity</i> , 2004 , 72, 4956-65	3.7	39
35	In vitro correlates of Ld-restricted resistance to toxoplasmic encephalitis and their critical dependence on parasite strain. <i>Journal of Immunology</i> , 2002 , 169, 966-73	5.3	35
34	5-Lipoxygenase-deficient mice infected with Borrelia burgdorferi develop persistent arthritis. <i>Journal of Immunology</i> , 2011 , 186, 3076-84	5.3	32
33	Cyclooxygenase-1 orchestrates germinal center formation and antibody class-switch via regulation of IL-17. <i>Journal of Immunology</i> , 2009 , 183, 5644-53	5.3	31
32	Early apoptosis of macrophages modulated by injection of Yersinia pestis YopK promotes progression of primary pneumonic plague. <i>PLoS Pathogens</i> , 2013 , 9, e1003324	7.6	30
31	Clearance of Borrelia burgdorferi may not be required for resistance to experimental lyme arthritis. <i>Infection and Immunity</i> , 1998 , 66, 2065-71	3.7	27

30	Arthritis develops but fails to resolve during inhibition of cyclooxygenase 2 in a murine model of Lyme disease. <i>Arthritis and Rheumatism</i> , 2008 , 58, 1485-95		26
29	Chemokine receptor CXCR2 mediates bacterial clearance rather than neutrophil recruitment in a murine model of pneumonic plague. <i>American Journal of Pathology</i> , 2011 , 178, 1190-200	5.8	25
28	Stat1 deficiency exacerbates carditis but not arthritis during experimental lyme borreliosis. <i>Journal of Interferon and Cytokine Research</i> , 2006 , 26, 390-9	3.5	23
27	CXCR2 Mediates Brucella-Induced Arthritis in Interferon β -Deficient Mice. <i>Journal of Infectious Diseases</i> , 2016 , 214, 151-60	7	18
26	Macrophage Polarization during Murine Lyme Borreliosis. <i>Infection and Immunity</i> , 2015 , 83, 2627-35	3.7	17
25	Serum amyloid A-activating factor-1 (SAF-1) transgenic mice are prone to develop a severe form of inflammation-induced arthritis. <i>Journal of Immunology</i> , 2004 , 173, 4684-91	5.3	17
24	Development of lyme arthritis in mice deficient in inducible nitric oxide synthase. <i>Journal of Infectious Diseases</i> , 1999 , 179, 1573-6	7	17
23	Immunogenetics influence outcome of Toxoplasma gondii infection. <i>Research in Immunology</i> , 1993 , 144, 61-5		17
22	Adenoviral delivery of interleukin-10 fails to attenuate experimental Lyme disease. <i>Infection and Immunity</i> , 2008 , 76, 5500-7	3.7	15
21	Dietary fish oil substitution alters the eicosanoid profile in ankle joints of mice during Lyme infection. <i>Journal of Nutrition</i> , 2012 , 142, 1582-9	4.1	14
20	Omega-3 polyunsaturated fatty acid impairment of early host resistance against Listeria monocytogenes infection is independent of neutrophil infiltration and function. <i>Cellular Immunology</i> , 2005 , 235, 65-71	4.4	13
19	Mechanisms of survival of mice during acute and chronic Toxoplasma gondii infection. <i>Parasitology Today</i> , 1994 , 10, 290-2		13
18	Macrophage LTB drives efficient phagocytosis of via BLT1 or BLT2. <i>Journal of Lipid Research</i> , 2017 , 58, 494-503	6.3	12
17	Activation of natural killer cells in arthritis-susceptible but not arthritis-resistant mouse strains following Borrelia burgdorferi infection. <i>Infection and Immunity</i> , 1998 , 66, 5208-14	3.7	12
16	Infection of Interleukin 17 Receptor A-Deficient C3H Mice with Borrelia burgdorferi Does Not Affect Their Development of Lyme Arthritis and Carditis. <i>Infection and Immunity</i> , 2015 , 83, 2882-8	3.7	9
15	Identification and Quantification of Bioactive Molecules Inhibiting Pro-inflammatory Cytokine Production in Spent Coffee Grounds Using Metabolomics Analyses. <i>Frontiers in Pharmacology</i> , 2020 , 11, 229	5.6	9
14	T Cells Exacerbate Lyme Borreliosis in TLR2-Deficient Mice. <i>Frontiers in Immunology</i> , 2016 , 7, 468	8.4	9
13	Temporal Role for MyD88 in a Model of Brucella-Induced Arthritis and Musculoskeletal Inflammation. <i>Infection and Immunity</i> , 2017 , 85,	3.7	8

12	Genes outside the major histocompatibility complex control resistance and susceptibility to experimental Lyme arthritis. <i>Medical Microbiology and Immunology</i> , 2000 , 189, 85-90	4	8
11	Bone-marrow chimeras reveal hemopoietic and nonhemopoietic control of resistance to experimental Lyme arthritis. <i>Journal of Immunology</i> , 2000 , 165, 1446-52	5.3	7
10	Effects of food restriction on stretch induced muscle hypertrophy in chickens of various ages. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1990 , 95, 321-4		6
9	Black Walnut () Extracts Inhibit Proinflammatory Cytokine Production From Lipopolysaccharide-Stimulated Human Promonocytic Cell Line U-937. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1059	5.6	5
8	Effects of passive stretch on growth and regression of muscle from chickens of various ages. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987 , 86, 443-8		5
7	The role of eicosanoids in experimental Lyme arthritis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014 , 4, 69	5.9	4
6	The identification of a sequence related to apicomplexan enolase from <i>Sarcocystis neurona</i> . <i>Parasitology Research</i> , 2004 , 94, 354-60	2.4	4
5	Leukotriene B4 receptor BLT1 signaling is critical for neutrophil apoptosis and resolution of experimental Lyme arthritis. <i>FASEB Journal</i> , 2020 , 34, 2840-2852	0.9	4
4	Treatment of -Infected Mice with Apoptotic Cells Attenuates Lyme Arthritis via PPAR- γ <i>Journal of Immunology</i> , 2019 , 202, 1798-1806	5.3	2
3	<i>Borrelia burgdorferi</i> infection induces lipid mediator production during Lyme arthritis. <i>Biochimie</i> , 2017 , 141, 86-90	4.6	2
2	Phagocytes and humoral immunity to pneumonic plague. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 954, 165-71	3.6	1
1	Temporal eicosanoid profiling of the inflammatory response to infection by the Lyme disease bacterium. <i>FASEB Journal</i> , 2008 , 22, 1039.1	0.9	