

Barry T Rouse

List of Publications by Year in Descending Order

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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.

102
papers

1,515
citations

20
h-index

38
g-index

110
ext. papers

1,865
ext. citations

8.6
avg, IF

5.11
L-index

#	Paper	IF	Citations
102	Modulating glutamine metabolism to control viral immuno-inflammatory lesions. <i>Cellular Immunology</i> , 2021 , 370, 104450	4.4	3
101	Could targeting immunometabolism be a way to control the burden of COVID-19 infection?. <i>Microbes and Infection</i> , 2021 , 23, 104780	9.3	3
100	Supplementing the Diet with Sodium Propionate Suppresses the Severity of Viral Immuno-inflammatory Lesions. <i>Journal of Virology</i> , 2021 , 95,	6.6	8
99	Inhibiting Glucose Metabolism Results in Herpes Simplex Encephalitis. <i>Journal of Immunology</i> , 2021 , 207, 1824-1835	5.3	2
98	COVID-19: disease, or no disease? - that is the question. It's the dose stupid!. <i>Microbes and Infection</i> , 2021 , 23, 104779	9.3	3
97	Did Climate Change Influence the Emergence, Transmission, and Expression of the COVID-19 Pandemic?. <i>Frontiers in Medicine</i> , 2021 , 8, 769208	4.9	1
96	Perspective: Reducing SARS-CoV2 Infectivity and Its Associated Immunopathology. <i>Frontiers in Immunology</i> , 2020 , 11, 581076	8.4	2
95	Host-Directed Antiviral Therapy. <i>Clinical Microbiology Reviews</i> , 2020 , 33,	34	40
94	Determinants of Tissue-Specific Metabolic Adaptation of T Cells. <i>Cell Metabolism</i> , 2020 , 32, 908-919	24.6	12
93	Virus Infections and Host Metabolism-Can We Manage the Interactions?. <i>Frontiers in Immunology</i> , 2020 , 11, 594963	8.4	13
92	The Role of T Cells in Herpes Stromal Keratitis. <i>Frontiers in Immunology</i> , 2019 , 10, 512	8.4	21
91	Factors Affecting the Tissue Damaging Consequences of Viral Infections. <i>Frontiers in Microbiology</i> , 2019 , 10, 2314	5.7	9
90	Gal power: the diverse roles of galectins in regulating viral infections. <i>Journal of General Virology</i> , 2019 , 100, 333-349	4.9	15
89	Are miRNAs critical determinants in herpes simplex virus pathogenesis?. <i>Microbes and Infection</i> , 2018 , 20, 461-465	9.3	12
88	Application of our understanding of pathogenesis of herpetic stromal keratitis for novel therapy. <i>Microbes and Infection</i> , 2018 , 20, 526-530	9.3	13
87	Role of IL-18 induced Amphiregulin expression on virus induced ocular lesions. <i>Mucosal Immunology</i> , 2018 , 11, 1705-1715	9.2	8
86	Hexokinase II may be dispensable for CD4 T cell responses against a virus infection. <i>PLoS ONE</i> , 2018 , 13, e0191533	3.7	8

85	How host metabolism impacts on virus pathogenesis. <i>Current Opinion in Virology</i> , 2018 , 28, 37-42	7.5	8
84	On the role of retinoic acid in virus induced inflammatory response in cornea. <i>Microbes and Infection</i> , 2018 , 20, 337-345	9.3	14
83	Virological and Immunological Outcomes of Coinfections. <i>Clinical Microbiology Reviews</i> , 2018 , 31,	34	97
82	Azacytidine Treatment Inhibits the Progression of Herpes Stromal Keratitis by Enhancing Regulatory T Cell Function. <i>Journal of Virology</i> , 2017 , 91,	6.6	19
81	Frontline Science: Aspirin-triggered resolvin D1 controls herpes simplex virus-induced corneal immunopathology. <i>Journal of Leukocyte Biology</i> , 2017 , 102, 1159-1171	6.5	38
80	miR-31: a key player in CD8 T-cell exhaustion. <i>Cellular and Molecular Immunology</i> , 2017 , 14, 954-956	15.4	3
79	Manipulating Glucose Metabolism during Different Stages of Viral Pathogenesis Can Have either Detrimental or Beneficial Effects. <i>Journal of Immunology</i> , 2017 , 199, 1748-1761	5.3	27
78	The Plasticity and Stability of Regulatory T Cells during Viral-Induced Inflammatory Lesions. <i>Journal of Immunology</i> , 2017 , 199, 1342-1352	5.3	35
77	Interplay of Regulatory T Cell and Th17 Cells during Infectious Diseases in Humans and Animals. <i>Frontiers in Immunology</i> , 2017 , 8, 341	8.4	41
76	IL-2 complex treatment amplifies CD8 T cell mediated immunity following herpes simplex virus-1 infection. <i>Microbes and Infection</i> , 2016 , 18, 735-746	9.3	3
75	Some vexations that challenge viral immunology. <i>F1000Research</i> , 2016 , 5,	3.6	1
74	Role of miR-155 in the pathogenesis of herpetic stromal keratitis. <i>American Journal of Pathology</i> , 2015 , 185, 1073-84	5.8	37
73	Robo 4 Counteracts Angiogenesis in Herpetic Stromal Keratitis. <i>PLoS ONE</i> , 2015 , 10, e0141925	3.7	10
72	Herpes virus entry mediator (HVEM) modulates proliferation and activation of regulatory T cells following HSV-1 infection. <i>Microbes and Infection</i> , 2014 , 16, 648-60	9.3	20
71	Critical role of microRNA-155 in herpes simplex encephalitis. <i>Journal of Immunology</i> , 2014 , 192, 2734-43	5.3	44
70	Innate Immunity to Viruses 2014 , 183-196		
69	Bacterial Strategies for Survival in the Host 2014 , 425-440		1
68	Pathogenesis of Helminth Infections 2014 , 347-359		

67	Immune Evasion by Parasites 2014 , 453-469		2
66	<i>Helicobacter pylori</i> : the Role of the Immune Response in Pathogenesis 2014 , 337-346		
65	Theileria-Induced Leukocyte Transformation: an Example of Oncogene Addiction? 2014 , 537-546		
64	Innate Immunity against Bacteria 2014 , 209-223		1
63	Acquired Immunity to Helminths 2014 , 313-323		
62	Viruses, Autoimmunity, and Cancer 2014 , 509-520		
61	An approach to control relapse of inflammatory lesions after discontinuation of primary therapy. <i>PLoS ONE</i> , 2014 , 9, e98051	3-7	5
60	Innate Immunity to Parasitic Infections 2014 , 225-236		
59	Targeting Components in Vector Saliva 2014 , 599-608		
58	Memory and Infection 2014 , 121-130		
57	Immunogenetics of Host Response to Parasites in Humans 2014 , 483-490		
56	Acquired Immunity to Intracellular Protozoa 2014 , 301-311		1
55	Pathology and Pathogenesis of Bacterial Infections 2014 , 325-336		
54	Immunity and immunopathology to viruses: what decides the outcome?. <i>Nature Reviews Immunology</i> , 2010 , 10, 514-26	36.5	337
53	Some unmet challenges in the immunology of viral infections. <i>Discovery Medicine</i> , 2010 , 10, 363-70	2.5	4
52	Regulatory T cells and immunity to pathogens. <i>Expert Opinion on Biological Therapy</i> , 2007 , 7, 1301-9	5-4	17
51	A tale of 2 alpha-herpesviruses: lessons for vaccinologists. <i>Clinical Infectious Diseases</i> , 2006 , 42, 810-7	11.6	25
50	Role of Inflammatory Cytokine-Induced Cyclooxygenase 2 in the Ocular Immunopathologic Disease Herpetic Stromal Keratitis. <i>Journal of Virology</i> , 2005 , 79, 15590-15590	6.6	78

49	Concomitant helper response rescues otherwise low avidity CD8+ memory CTLs to become efficient effectors in vivo. <i>Journal of Immunology</i> , 2004 , 172, 3719-24	5.3	26
48	Bystander activation of CD4(+) T cells can represent an exclusive means of immunopathology in a virus infection. <i>European Journal of Immunology</i> , 1999 , 29, 3674-82	6.1	57
47	Enhancement of immune response to naked DNA vaccine by immunization with transfected dendritic cells. <i>Journal of Leukocyte Biology</i> , 1997 , 61, 125-32	6.5	99
46	Role of interferon-gamma in immunity to herpes simplex virus. <i>Journal of Leukocyte Biology</i> , 1996 , 60, 528-32	6.5	54
45	Disease in the scurfy (sf) mouse is associated with overexpression of cytokine genes. <i>European Journal of Immunology</i> , 1996 , 26, 161-5	6.1	101
44	Expression of cytokine mRNA in murine splenic dendritic cells and better induction of T cell-derived cytokines by dendritic cells than by macrophages during in vitro costimulation assay using specific antigens. <i>Journal of Leukocyte Biology</i> , 1995 , 57, 310-6	6.5	24
43	Differential effects of CD4+ and CD8+ cells in acute, systemic murine candidosis. <i>Journal of Leukocyte Biology</i> , 1992 , 51, 305-6	6.5	19
42	Virus infections and cytokines: can we manage the interactions?. <i>International Reviews of Immunology</i> , 1992 , 8, 33-41	4.6	1
41	Cytotoxic T lymphocytes. Their relevance in herpesvirus infections. <i>Annals of the New York Academy of Sciences</i> , 1988 , 532, 257-72	6.5	16
40	Estimation of the B lymphocyte precursor frequencies to herpes simplex type 1 glycoproteins by a limiting dilution assay. <i>Journal of Medical Virology</i> , 1986 , 20, 357-62	19.7	1
39	Neutrophils in antiviral immunity: inhibition of virus replication by a mediator produced by bovine neutrophils. <i>Journal of Infectious Diseases</i> , 1980 , 141, 223-32	7	35
38	Mechanisms of viral immunopathology. <i>Advances in Veterinary Medicine</i> , 1979 , 23, 103-36		7
37	HSV: immunopathological aspects of HSV infection642-655		5
36	Overview of Parasitic Pathogens143-153		1
35	Natural Killer Cell Response against Viruses197-207		1
34	Acquired Immunity: Acute Bacterial Infections269-277		1
33	The Evolutionary Origins of the Adaptive Immune System of Jawed Vertebrates41-55		2
32	Viral Immune Evasion391-401		1

31	Host Defense (Antimicrobial) Peptides and Proteins57-67	2
30	Meeting the Challenge of Vaccine Design To Control HIV and Other Difficult Viruses559-570	2
29	Reactive Oxygen and Reactive Nitrogen Intermediates in the Immune System69-84	1
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