

Barry T Rouse

List of Publications by Citations

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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	Immunity and immunopathology to viruses: what decides the outcome?. <i>Nature Reviews Immunology</i> , 2010 , 10, 514-26	36.5	337
101	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
100	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
99	Virological and Immunological Outcomes of Coinfections. <i>Clinical Microbiology Reviews</i> , 2018 , 31,	34	97
98	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
97	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
96	Role of interferon-gamma in immunity to herpes simplex virus. <i>Journal of Leukocyte Biology</i> , 1996 , 60, 528-32	6.5	54
95	Critical role of microRNA-155 in herpes simplex encephalitis. <i>Journal of Immunology</i> , 2014 , 192, 2734-43	5.3	44
94	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
93	Host-Directed Antiviral Therapy. <i>Clinical Microbiology Reviews</i> , 2020 , 33,	34	40
92	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
91	Role of miR-155 in the pathogenesis of herpetic stromal keratitis. <i>American Journal of Pathology</i> , 2015 , 185, 1073-84	5.8	37
90	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
89	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
88	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
87	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
86	A tale of 2 alpha-herpesviruses: lessons for vaccinologists. <i>Clinical Infectious Diseases</i> , 2006 , 42, 810-7	11.6	25

85	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
84	The Role of T Cells in Herpes Stromal Keratitis. <i>Frontiers in Immunology</i> , 2019 , 10, 512	8.4	21
83	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
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	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
80	Regulatory T cells and immunity to pathogens. <i>Expert Opinion on Biological Therapy</i> , 2007 , 7, 1301-9	5.4	17
79	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
78	Gal power: the diverse roles of galectins in regulating viral infections. <i>Journal of General Virology</i> , 2019 , 100, 333-349	4.9	15
77	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
76	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
75	Virus Infections and Host Metabolism-Can We Manage the Interactions?. <i>Frontiers in Immunology</i> , 2020 , 11, 594963	8.4	13
74	Are miRNAs critical determinants in herpes simplex virus pathogenesis?. <i>Microbes and Infection</i> , 2018 , 20, 461-465	9.3	12
73	Determinants of Tissue-Specific Metabolic Adaptation of T Cells. <i>Cell Metabolism</i> , 2020 , 32, 908-919	24.6	12
72	Robo 4 Counteracts Angiogenesis in Herpetic Stromal Keratitis. <i>PLoS ONE</i> , 2015 , 10, e0141925	3.7	10
71	Factors Affecting the Tissue Damaging Consequences of Viral Infections. <i>Frontiers in Microbiology</i> , 2019 , 10, 2314	5.7	9
70	Role of IL-18 induced Amphiregulin expression on virus induced ocular lesions. <i>Mucosal Immunology</i> , 2018 , 11, 1705-1715	9.2	8
69	Hexokinase II may be dispensable for CD4 T cell responses against a virus infection. <i>PLoS ONE</i> , 2018 , 13, e0191533	3.7	8
68	Supplementing the Diet with Sodium Propionate Suppresses the Severity of Viral Immuno-inflammatory Lesions. <i>Journal of Virology</i> , 2021 , 95,	6.6	8

67	How host metabolism impacts on virus pathogenesis. <i>Current Opinion in Virology</i> , 2018 , 28, 37-42	7.5	8
66	Mechanisms of viral immunopathology. <i>Advances in Veterinary Medicine</i> , 1979 , 23, 103-36		7
65	An approach to control relapse of inflammatory lesions after discontinuation of primary therapy. <i>PLoS ONE</i> , 2014 , 9, e98051	3.7	5
64	HSV: immunopathological aspects of HSV infection642-655		5
63	Some unmet challenges in the immunology of viral infections. <i>Discovery Medicine</i> , 2010 , 10, 363-70	2.5	4
62	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
61	miR-31: a key player in CD8 T-cell exhaustion. <i>Cellular and Molecular Immunology</i> , 2017 , 14, 954-956	15.4	3
60	Modulating glutamine metabolism to control viral immuno-inflammatory lesions. <i>Cellular Immunology</i> , 2021 , 370, 104450	4.4	3
59	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
58	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
57	Perspective: Reducing SARS-CoV2 Infectivity and Its Associated Immunopathology. <i>Frontiers in Immunology</i> , 2020 , 11, 581076	8.4	2
56	Immune Evasion by Parasites 2014 , 453-469		2
55	The Evolutionary Origins of the Adaptive Immune System of Jawed Vertebrates41-55		2
54	Host Defense (Antimicrobial) Peptides and Proteins57-67		2
53	Meeting the Challenge of Vaccine Design To Control HIV and Other Difficult Viruses559-570		2
52	Malaria: Clinical and Epidemiological Aspects633-641		2
51	Inhibiting Glucose Metabolism Results in Herpes Simplex Encephalitis. <i>Journal of Immunology</i> , 2021 , 207, 1824-1835	5.3	2
50	Bacterial Strategies for Survival in the Host 2014 , 425-440		1

49	Innate Immunity against Bacteria 2014 , 209-223		1
48	Acquired Immunity to Intracellular Protozoa 2014 , 301-311		1
47	Virus infections and cytokines: can we manage the interactions?. <i>International Reviews of Immunology</i> , 1992 , 8, 33-41	4.6	1
46	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
45	Overview of Parasitic Pathogens143-153		1
44	Natural Killer Cell Response against Viruses197-207		1
43	Acquired Immunity: Acute Bacterial Infections269-277		1
42	Viral Immune Evasion391-401		1
41	Reactive Oxygen and Reactive Nitrogen Intermediates in the Immune System69-84		1
40	Immune Defense at Mucosal Surfaces97-107		1
39	Regulation of Antimicrobial Immunity109-120		1
38	Some vexations that challenge viral immunology. <i>F1000Research</i> , 2016 , 5,	3.6	1
37	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
36	Systems Vaccinology: Using Functional Signatures To Design Successful Vaccines547-557		0
35	Innate Immunity to Viruses 2014 , 183-196		
34	Pathogenesis of Helminth Infections 2014 , 347-359		
33	Helicobacter pylori: the Role of the Immune Response in Pathogenesis 2014 , 337-346		
32	Theileria-Induced Leukocyte Transformation: an Example of Oncogene Addiction? 2014 , 537-546		

- 31 Acquired Immunity to Helminths **2014**, 313-323
- 30 Viruses, Autoimmunity, and Cancer **2014**, 509-520
- 29 Innate Immunity to Parasitic Infections **2014**, 225-236
- 28 Targeting Components in Vector Saliva **2014**, 599-608
- 27 Memory and Infection **2014**, 121-130
- 26 Immunogenetics of Host Response to Parasites in Humans **2014**, 483-490
- 25 Pathology and Pathogenesis of Bacterial Infections **2014**, 325-336
- 24 Suppression of Immune Responses to Protozoan Parasites 441-451
- 23 Prionoses and the Immune System 173-181
- 22 Growing Old and Immunity to Viruses 403-411
- 21 Pathology and Pathogenesis of Virus Infections 383-389
- 20 The Immune Response to Infection: Introduction 1-4
- 19 Acquired Immunity: Fungal Infections 289-299
- 18 Invertebrate Innate Immune Defenses 5-20
- 17 Overview of Bacterial Pathogens 155-164
- 16 Overview of Fungal Pathogens 165-172
- 15 Acquired Immunity: Chronic Bacterial Infections 279-287
- 14 Growing Old and Immunity to Bacteria 413-423

- 13 Overview of Viral Pathogens131-141
- 12 AIDS Vaccines: the Unfolding Story609-621
- 11 Acquired Immunity against Virus Infections237-254
- 10 The Role of Bacterial and Parasitic Infections in Chronic Inflammatory Disorders and Autoimmunity521-536
- 9 Immune Intervention Strategies against Tuberculosis571-586
- 8 Complement in Infections85-95
- 7 The Ontogeny of the Cells of the Innate and the Adaptive Immune System21-39
- 6 Immunogenetics of Virus Pathogenesis491-508
- 5 Immune Intervention in Malaria587-597
- 4 Immune Responses to Persistent Viruses255-267
- 3 The Epidemiology and Immunology of Influenza Viruses643-652
- 2 Genetics of Antibacterial Host Defenses471-482
- 1 Pathology and Pathogenesis of Malaria361-381