

# Barry T Rouse

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

2,113  
citations

279778

23  
h-index

254170

43  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunity and immunopathology to viruses: what decides the outcome?. <i>Nature Reviews Immunology</i> , 2010, 10, 514-526.	22.7	467
2	Virological and Immunological Outcomes of Coinfections. <i>Clinical Microbiology Reviews</i> , 2018, 31, .	13.6	147
3	Enhancement of immune response to naked DNA vaccine by immunization with transfected dendritic cells. <i>Journal of Leukocyte Biology</i> , 1997, 61, 125-132.	3.3	121
4	Disease in the scurfy (sf) mouse is associated with overexpression of cytokine genes. <i>European Journal of Immunology</i> , 1996, 26, 161-165.	2.9	118
5	Host-Directed Antiviral Therapy. <i>Clinical Microbiology Reviews</i> , 2020, 33, .	13.6	99
6	Interplay of Regulatory T Cell and Th17 Cells during Infectious Diseases in Humans and Animals. <i>Frontiers in Immunology</i> , 2017, 8, 341.	4.8	74
7	Virus Infections and Host Metabolism—Can We Manage the Interactions?. <i>Frontiers in Immunology</i> , 2020, 11, 594963.	4.8	69
8	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, 3674-3682.	2.9	64
9	Critical Role of MicroRNA-155 in Herpes Simplex Encephalitis. <i>Journal of Immunology</i> , 2014, 192, 2734-2743.	0.8	59
10	Role of interferon- $\beta$ in immunity to herpes simplex virus. <i>Journal of Leukocyte Biology</i> , 1996, 60, 528-532.	3.3	58
11	Frontline Science: Aspirin-triggered resolvins D1 controls herpes simplex virus-induced corneal immunopathology. <i>Journal of Leukocyte Biology</i> , 2017, 102, 1159-1171.	3.3	48
12	Role of miR-155 in the Pathogenesis of Herpetic Stromal Keratitis. <i>American Journal of Pathology</i> , 2015, 185, 1073-1084.	3.8	46
13	The Plasticity and Stability of Regulatory T Cells during Viral-Induced Inflammatory Lesions. <i>Journal of Immunology</i> , 2017, 199, 1342-1352.	0.8	44
14	Neutrophils in Antiviral Immunity: Inhibition of Virus Replication by a Mediator Produced by Bovine Neutrophils. <i>Journal of Infectious Diseases</i> , 1980, 141, 223-232.	4.0	43
15	Cytotoxic T Lymphocytes.. <i>Annals of the New York Academy of Sciences</i> , 1988, 532, 257-272.	3.8	40
16	The Role of T Cells in Herpes Stromal Keratitis. <i>Frontiers in Immunology</i> , 2019, 10, 512.	4.8	39
17	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.	0.8	36
18	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, 310-316.	3.3	29

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19	Differential effects of CD4+ and CD8+ cells in acute, systemic murine candidosis. <i>Journal of Leukocyte Biology</i> , 1992, 51, 305-306.	3.3	28
20	A Tale of Two $\hat{A}$ -Herpesviruses: Lessons for Vaccinologists. <i>Clinical Infectious Diseases</i> , 2006, 42, 810-817.	5.8	28
21	Azacytidine Treatment Inhibits the Progression of Herpes Stromal Keratitis by Enhancing Regulatory T Cell Function. <i>Journal of Virology</i> , 2017, 91, .	3.4	28
22	Determinants of Tissue-Specific Metabolic Adaptation of T Cells. <i>Cell Metabolism</i> , 2020, 32, 908-919.	16.2	27
23	Concomitant Helper Response Rescues Otherwise Low Avidity CD8+ Memory CTLs to Become Efficient Effectors In Vivo. <i>Journal of Immunology</i> , 2004, 172, 3719-3724.	0.8	26
24	Herpes virus entry mediator (HVEM) modulates proliferation and activation of regulatory T cells following HSV-1 infection. <i>Microbes and Infection</i> , 2014, 16, 648-660.	1.9	24
25	Supplementing the Diet with Sodium Propionate Suppresses the Severity of Viral Immuno-inflammatory Lesions. <i>Journal of Virology</i> , 2021, 95, .	3.4	22
26	Gal power: the diverse roles of galectins in regulating viral infections. <i>Journal of General Virology</i> , 2019, 100, 333-349.	2.9	22
27	On the role of retinoic acid in virus induced inflammatory response in cornea. <i>Microbes and Infection</i> , 2018, 20, 337-345.	1.9	21
28	Does the hygiene hypothesis apply to COVID-19 susceptibility?. <i>Microbes and Infection</i> , 2020, 22, 400-402.	1.9	21
29	Regulatory T cells and immunity to pathogens. <i>Expert Opinion on Biological Therapy</i> , 2007, 7, 1301-1309.	3.1	19
30	Are miRNAs critical determinants in herpes simplex virus pathogenesis?. <i>Microbes and Infection</i> , 2018, 20, 461-465.	1.9	18
31	Application of our understanding of pathogenesis of herpetic stromal keratitis for novel therapy. <i>Microbes and Infection</i> , 2018, 20, 526-530.	1.9	18
32	Did Climate Change Influence the Emergence, Transmission, and Expression of the COVID-19 Pandemic?. <i>Frontiers in Medicine</i> , 2021, 8, 769208.	2.6	17
33	Factors Affecting the Tissue Damaging Consequences of Viral Infections. <i>Frontiers in Microbiology</i> , 2019, 10, 2314.	3.5	16
34	How host metabolism impacts on virus pathogenesis. <i>Current Opinion in Virology</i> , 2018, 28, 37-42.	5.4	15
35	Role of IL-18 induced Amphiregulin expression on virus induced ocular lesions. <i>Mucosal Immunology</i> , 2018, 11, 1705-1715.	6.0	15
36	Robo 4 Counteracts Angiogenesis in Herpetic Stromal Keratitis. <i>PLoS ONE</i> , 2015, 10, e0141925.	2.5	14

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37	Modulating glutamine metabolism to control viral immuno-inflammatory lesions. Cellular Immunology, 2021, 370, 104450.	3.0	10
38	Hexokinase II may be dispensable for CD4 T cell responses against a virus infection. PLoS ONE, 2018, 13, e0191533.	2.5	9
39	Could targeting immunometabolism be a way to control the burden of COVID-19 infection?. Microbes and Infection, 2021, 23, 104780.	1.9	9
40	Inhibiting Glucose Metabolism Results in Herpes Simplex Encephalitis. Journal of Immunology, 2021, 207, 1824-1835.	0.8	9
41	IL-2 complex treatment amplifies CD8+ T cell mediated immunity following herpes simplex virus-1 infection. Microbes and Infection, 2016, 18, 735-746.	1.9	8
42	Mechanisms of Viral Immunopathology. Advances in Veterinary Medicine, 1979, 23, 103-136.	0.1	8
43	COVID-19: disease, or no disease? - that is the question. It's the dose stupid!. Microbes and Infection, 2021, 23, 104779.	1.9	7
44	Controlling the Burden of COVID-19 by Manipulating Host Metabolism. Viral Immunology, 2022, 35, 24-32.	1.3	7
45	Perspective: Reducing SARS-CoV2 Infectivity and Its Associated Immunopathology. Frontiers in Immunology, 2020, 11, 581076.	4.8	6
46	Some unmet challenges in the immunology of viral infections. Discovery Medicine, 2010, 10, 363-70.	0.5	6
47	HSV: immunopathological aspects of HSV infection. , 0, , 642-655.		5
48	An Approach to Control Relapse of Inflammatory Lesions after Discontinuation of Primary Therapy. PLoS ONE, 2014, 9, e98051.	2.5	5
49	Controlling Herpes Simplex Virus-Induced Immunoinflammatory Lesions Using Metabolic Therapy: a Comparison of 2-Deoxy- $\alpha$ -D-Glucose with Metformin. Journal of Virology, 0, , .	3.4	5
50	miR-31: a key player in CD8 T-cell exhaustion. Cellular and Molecular Immunology, 2017, 14, 954-956.	10.5	4
51	Fraternal Twins: The Enigmatic Role of the Immune System in Alphaherpesvirus Pathogenesis and Latency and Its Impacts on Vaccine Efficacy. Viruses, 2022, 14, 862.	3.3	4
52	The Evolutionary Origins of the Adaptive Immune System of Jawed Vertebrates. , 0, , 41-55.		3
53	Estimation of the B Lymphocyte Precursor Frequencies to Herpes Simplex Type 1 Glycoproteins by a Limiting Dilution Assay. Journal of Medical Virology, 1986, 20, 357-362.	5.0	2
54	Virus Infections and Cytokines: Can We Manage the Interactions?. International Reviews of Immunology, 1992, 8, 33-41.	3.3	2

#	ARTICLE	IF	CITATIONS
55	Acquired Immunity to Intracellular Protozoa. , 2014, , 301-311.		2
56	Immune Evasion by Parasites. , 2014, , 453-469.		2
57	Host Defense (Antimicrobial) Peptides and Proteins. , 0, , 57-67.		2
58	Meeting the Challenge of Vaccine Design To Control HIV and Other Difficult Viruses. , 0, , 559-570.		2
59	Malaria: Clinical and Epidemiological Aspects. , 0, , 633-641.		2
60	Immunogenetics of Host Response to Parasites in Humans. , 2014, , 483-490.		1
61	Bacterial Strategies for Survival in the Host. , 2014, , 425-440.		1
62	Innate Immunity against Bacteria. , 2014, , 209-223.		1
63	Overview of Parasitic Pathogens. , 0, , 143-153.		1
64	Natural Killer Cell Response against Viruses. , 0, , 197-207.		1
65	Acquired Immunity: Acute Bacterial Infections. , 0, , 269-277.		1
66	Viral Immune Evasion. , 0, , 391-401.		1
67	Reactive Oxygen and Reactive Nitrogen Intermediates in the Immune System. , 0, , 69-84.		1
68	Immune Defense at Mucosal Surfaces. , 0, , 97-107.		1
69	Regulation of Antimicrobial Immunity. , 0, , 109-120.		1
70	Some vexations that challenge viral immunology. F1000Research, 2016, 5, 1015.	1.6	1
71	Growing Old and Immunity to Bacteria. , 0, , 413-423.		1
72	Acquired Immunity against Virus Infections. , 0, , 237-254.		1

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73	Systems Vaccinology: Using Functional Signatures To Design Successful Vaccines. , 0, , 547-557.		1
74	Innate Immunity to Parasitic Infections. , 2014, , 225-236.		0
75	Targeting Components in Vector Saliva. , 2014, , 599-608.		0
76	Memory and Infection. , 2014, , 121-130.		0
77	Pathology and Pathogenesis of Bacterial Infections. , 2014, , 325-336.		0
78	Innate Immunity to Viruses. , 0, , 183-196.		0
79	Pathogenesis of Helminth Infections. , 2014, , 347-359.		0
80	Helicobacter pylori: the Role of the Immune Response in Pathogenesis. , 2014, , 337-346.		0
81	Theileria-Induced Leukocyte Transformation: an Example of Oncogene Addiction?. , 2014, , 537-546.		0
82	Acquired Immunity to Helminths. , 2014, , 313-323.		0
83	Viruses, Autoimmunity, and Cancer. , 2014, , 509-520.		0
84	The Ontogeny of the Cells of the Innate and the Adaptive Immune System. , 0, , 21-39.		0
85	Immunogenetics of Virus Pathogenesis. , 0, , 491-508.		0
86	Immune Intervention in Malaria. , 0, , 587-597.		0
87	Immune Responses to Persistent Viruses. , 0, , 255-267.		0
88	The Epidemiology and Immunology of Influenza Viruses. , 0, , 643-652.		0
89	Genetics of Antibacterial Host Defenses. , 0, , 471-482.		0
90	Pathology and Pathogenesis of Malaria. , 0, , 361-381.		0

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91	Suppression of Immune Responses to Protozoan Parasites. , 0, , 441-451.		0
92	Prionoses and the Immune System. , 0, , 173-181.		0
93	Growing Old and Immunity to Viruses. , 0, , 403-411.		0
94	Pathology and Pathogenesis of Virus Infections. , 0, , 383-389.		0
95	The Immune Response to Infection: Introduction. , 0, , 1-4.		0
96	Acquired Immunity: Fungal Infections. , 0, , 289-299.		0
97	Invertebrate Innate Immune Defenses. , 0, , 5-20.		0
98	Overview of Bacterial Pathogens. , 0, , 155-164.		0
99	Overview of Fungal Pathogens. , 0, , 165-172.		0
100	Acquired Immunity: Chronic Bacterial Infections. , 0, , 279-287.		0
101	Overview of Viral Pathogens. , 0, , 131-141.		0
102	AIDS Vaccines: the Unfolding Story. , 0, , 609-621.		0
103	The Role of Bacterial and Parasitic Infections in Chronic Inflammatory Disorders and Autoimmunity. , 0, , 521-536.		0
104	Immune Intervention Strategies against Tuberculosis. , 0, , 571-586.		0
105	Complement in Infections. , 0, , 85-95.		0