Philip Sutton

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.

75 papers	2,903 citations	26 h-index	53 g-index
80 ext. papers	3,392 ext. citations	6.4 avg, IF	5.17 L-index

#	Paper	IF	Citations
75	Mucin dynamics and enteric pathogens. *Nature Reviews Microbiology*, **2011**, 9, 265-78	22.2	893
74	MUC1 limits Helicobacter pylori infection both by steric hindrance and by acting as a releasable decoy. *PLoS Pathogens*, **2009**, 5, e1000617	7.6	179
73	Muc1 mucin limits both Helicobacter pylori colonization of the murine gastric mucosa and associated gastritis. *Gastroenterology*, **2007**, 133, 1210-8	13.3	138
72	Biomedical applications of sheep models: from asthma to vaccines. *Trends in Biotechnology*, **2008**, 26, 259-66	15.1	118
71	Saponin-adjuvanted particulate vaccines for clinical use. *Methods*, **2006**, 40, 53-9	4.6	85
70	Therapeutic immunization against Helicobacter pylori infection in the absence of antibodies. *Immunology and Cell Biology*, **2000**, 78, 28-30	5	84
69	The MUC13 cell-surface mucin protects against intestinal inflammation by inhibiting epithelial cell apoptosis. *Gut*, **2011**, 60, 1661-70	19.2	80
68	The MUC1 mucin protects against Helicobacter pylori pathogenesis in mice by regulation of the NLRP3 inflammasome. *Gut*, **2016**, 65, 1087-99	19.2	67
67	Dominant nonresponsiveness to Helicobacter pylori infection is associated with production of interleukin 10 but not gamma interferon. *Infection and Immunity*, **2000**, 68, 4802-4	3.7	60
66	Exacerbation of invasive aspergillosis by the immunosuppressive fungal metabolite, gliotoxin. *Immunology and Cell Biology*, **1996**, 74, 318-22	5	60
65	Immune responses to SARS-CoV-2 in three children of parents with symptomatic COVID-19. *Nature Communications*, **2020**, 11, 5703	17.4	58
64	Bioactivity in an Aggrecan 32-mer Fragment Is Mediated via Toll-like Receptor 2. *Arthritis and Rheumatology*, **2015**, 67, 1240-9	9.5	54
63	Protective immunity against Helicobacter is characterized by a unique transcriptional signature. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 12289-94	11.5	53
62	IL33 Is a Stomach Alarmin That Initiates a Skewed Th2 Response to Injury and Infection. *Cellular and Molecular Gastroenterology and Hepatology*, **2015**, 1, 203-221.e3	7.9	51
61	Status of vaccine research and development for Helicobacter pylori. *Vaccine*, **2019**, 37, 7295-7299	4.1	44
60	M-cell targeting of whole killed bacteria induces protective immunity against gastrointestinal pathogens. *Infection and Immunity*, **2009**, 77, 2962-70	3.7	43
59	Further development of the Helicobacter pylori mouse vaccination model. *Vaccine*, **2000**, 18, 2677-85	4.1	42

58	Rapid re-expression of CD45RC on rat CD4 T cells in vitro correlates with a change in function. *European Journal of Immunology*, **1993**, 23, 103-9	6.1	42
57	Systems serology detects functionally distinct coronavirus antibody features in children and elderly. *Nature Communications*, **2021**, 12, 2037	17.4	42
56	Innate cell profiles during the acute and convalescent phase of SARS-CoV-2 infection in children. *Nature Communications*, **2021**, 12, 1084	17.4	38
55	Why can't we make an effective vaccine against Helicobacter pylori?. *Expert Review of Vaccines*, **2013**, 12, 433-41	5.2	36
54	Effectiveness of vaccination with recombinant HpaA from Helicobacter pylori is influenced by host genetic background. *FEMS Immunology and Medical Microbiology*, **2007**, 50, 213-9		36
53	Immunogenicity of recombinant BCG producing the GRA1 antigen from Toxoplasma gondii. *Vaccine*, **1999**, 17, 705-14	4.1	36
52	Loss of gastrokine-2 drives premalignant gastric inflammation and tumor progression. *Journal of Clinical Investigation*, **2016**, 126, 1383-400	15.9	34
51	Evidence that gliotoxin enhances lymphocyte activation and induces apoptosis by effects on cyclic AMP levels. *Biochemical Pharmacology*, **1995**, 50, 2009-14	6	30
50	Protease-activated receptor-1 down-regulates the murine inflammatory and humoral response to Helicobacter pylori. *Gastroenterology*, **2010**, 138, 573-82	13.3	26
49	Combined mucosal and systemic immunity following pulmonary delivery of ISCOMATRIX adjuvanted recombinant antigens. *Vaccine*, **2010**, 28, 2593-7	4.1	26
48	Evaluation of ISCOMATRIX and ISCOM vaccines for immunisation against Helicobacter pylori. *Vaccine*, **2008**, 26, 3880-4	4.1	25
47	At last, vaccine-induced protection against Helicobacter pylori. *Lancet, The*, **2015**, 386, 1424-5	40	23
46	Helicobacter pylori defense against oxidative attack. *American Journal of Physiology - Renal Physiology*, **2012**, 302, G579-87	5.1	23
45	Heat shock protein complex vaccination induces protection against Helicobacter pylori without exogenous adjuvant. *Vaccine*, **2014**, 32, 2350-8	4.1	22
44	Helicobacter pylori thiolperoxidase as a protective antigen in single- and multi-component vaccines. *Vaccine*, **2012**, 30, 7214-20	4.1	20
43	Reduced PU.1 expression underlies aberrant neutrophil maturation and function in βthalassemia mice and patients. *Blood*, **2017**, 129, 3087-3099	2.2	19
42	Mucosal vaccination: lung versus nose. *Veterinary Immunology and Immunopathology*, **2012**, 148, 172-7	2	19
41	Long-term antibody and immune memory response induced by pulmonary delivery of the influenza Iscomatrix vaccine. *Vaccine Journal*, **2012**, 19, 79-83		19

40	NOD1 is required for Helicobacter pylori induction of IL-33 responses in gastric epithelial cells. *Cellular Microbiology*, **2018**, 20, e12826	3.9	18
39	Protease-activated Receptor 1 Plays a Proinflammatory Role in Colitis by Promoting Th17-related Immunity. *Inflammatory Bowel Diseases*, **2017**, 23, 593-602	4.5	18
38	Immunogenicity and pathogenicity of Helicobacter infections of veterinary animals. *Veterinary Immunology and Immunopathology*, **2008**, 122, 191-203	2	18
37	Localized suppression of inflammation at sites of Helicobacter pylori colonization. *Infection and Immunity*, **2011**, 79, 4186-92	3.7	17
36	Progress in vaccination against Helicobacter pylori. *Vaccine*, **2001**, 19, 2286-90	4.1	16
35	Evaluation of superoxide dismutase from Helicobacter pylori as a protective vaccine antigen. *Vaccine*, **2011**, 29, 1514-8	4.1	15
34	Immunisation against Helicobacter felis infection protects against the development of gastric MALT Lymphoma. *Vaccine*, **2004**, 22, 2541-6	4.1	15
33	Mucin 1 protects against severe Streptococcus pneumoniae infection. *Virulence*, **2017**, 8, 1631-1642	4.7	13
32	Helicobacter pylori vaccines and mechanisms of effective immunity: is mucus the key?. *Immunology and Cell Biology*, **2001**, 79, 67-73	5	13
31	Helicobacter pylori flagella: antigenic profile and protective immunity. *FEMS Immunology and Medical Microbiology*, **2007**, 50, 249-56		12
30	Considering increased mouse stomach mass when calculating prophylactic vaccine efficacy against Helicobacter pylori. *Helicobacter*, **2007**, 12, 210-2	4.9	11
29	Mouse models of Helicobacter-induced gastric cancer: use of cocarcinogens. *Methods in Molecular Biology*, **2012**, 921, 157-73	1.4	10
28	How host regulation of Helicobacter pylori-induced gastritis protects against peptic ulcer disease and gastric cancer. *American Journal of Physiology - Renal Physiology*, **2016**, 311, G514-20	5.1	9
27	Muc1 limits Helicobacter felis binding to gastric epithelial cells but does not limit colonization and gastric pathology following infection. *Helicobacter*, **2008**, 13, 489-93	4.9	8
26	ISCOMATRIX adjuvant reduces mucosal tolerance for effective pulmonary vaccination against influenza. *Human Vaccines and Immunotherapeutics*, **2015**, 11, 377-85	4.4	7
25	Overexpression of IL-11 promotes premalignant gastric epithelial hyperplasia in isolation from germline gp130-JAK-STAT driver mutations. *American Journal of Physiology - Renal Physiology*, **2019** , 316, G251-G262	5.1	7
24	Vaccine-mediated protection against Helicobacter pylori is not associated with increased salivary cytokine or mucin expression. *Helicobacter*, **2014**, 19, 48-54	4.9	5
23	Systemic immunization with unadjuvanted whole Helicobacter pylori protects mice against heterologous challenge. *Helicobacter*, **2008**, 13, 494-9	4.9	5

22	INVESTIGATION OF THE POTENTIAL USE OF IMMUNOSUPPRESSIVE AGENT GLIOTOXIN IN ORGAN TRANSPLANTATION. *Transplantation*, **1995**, 60, 900-902	1.8	5
21	Superoxide dismutase from Helicobacter pylori suppresses the production of pro-inflammatory cytokines during in vivo infection. *Helicobacter*, **2018**, 23, e12459	4.9	5
20	PAR-1 polymorphisms and risk of Helicobacter pylori-related gastric cancer in a Chinese population. *Anticancer Research*, **2012**, 32, 3715-21	2.3	5
19	Lack of small colony variants of Staphylococcus aureus from lower respiratory tract specimens. *Pediatric Pulmonology*, **2017**, 52, 632-635	3.5	4
18	Coordinate expression loss of and in gastric cancer via impairment of a glucocorticoid-responsive enhancer. *American Journal of Physiology - Renal Physiology*, **2020**, 319, G175-G188	5.1	4
17	Heat shock protein complex vaccines induce antibodies against Neisseria meningitidis via a MyD88-independent mechanism. *Vaccine*, **2016**, 34, 1704-11	4.1	4
16	An optimised perfusion technique for extracting murine gastric leukocytes. *Journal of Immunological Methods*, **2015**, 427, 126-9	2.5	4
15	A comparison of glycan expression and adhesion of mouse-adapted strains and clinical isolates of Helicobacter pylori. *FEMS Immunology and Medical Microbiology*, **2009**, 57, 25-31		4
14	Effect of MUC1 length polymorphisms on the NLRP3 inflammasome response of human macrophages. *Human Immunology*, **2019**, 80, 878-882	2.3	3
13	Host Nonresponsiveness Does not Interfere With Vaccine-Mediated Protection Against Gastric Helicobacter Infection. *Helicobacter*, **2015**, 20, 217-22	4.9	3
12	Increased Helicobacter felis colonization in male 129/Sv mice fails to suppress gastritis. *Gut Microbes*, **2011**, 2, 358-60	8.8	3
11	Do Helicobacter pylori therapeutic vaccines need to be tailored to the age of the recipient?. *Expert Review of Vaccines*, **2012**, 11, 415-7	5.2	2
10	Targeting of whole killed bacteria to gastrointestinal M-cells induces humoral immunity in the female reproductive tract. *Gut Microbes*, **2010**, 1, 42-44	8.8	2
9	No evidence of a role for mitochondrial complex I in Helicobacter pylori pathogenesis. *Helicobacter*, **2017**, 22, e12378	4.9	1
8	A lack of role for antibodies in regulating Helicobacter pylori colonization and associated gastritis. *Helicobacter*, **2020**, 25, e12681	4.9	1
7	Activation of TRIF-dependent and independent immune responses by neisserial heat shock protein complex vaccines. *Human Vaccines and Immunotherapeutics*, **2016**, 12, 2797-2800	4.4	1
6	Did transmission of Helicobacter pylori from humans cause a disease outbreak in a colony of Stripe-faced Dunnarts (Sminthopsis macroura)?. *Veterinary Research*, **2011**, 42, 26	3.8	1
5	Influence of the MUC1 Cell Surface Mucin on Gastric Mucosal Gene Expression Profiles in Response to Infection in Mice. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 343	5.9	1

4	Virulence Mechanisms of Helicobacter pylori: An Overview **2016**, 57-87		1
3	IL-33 promotes gastric tumour growth in concert with activation and recruitment of inflammatory myeloid cells. *Oncotarget*, **2022**, 13, 785-799	3.3	0
2	Lack of correlation between proliferative and colony-forming assays and the true regenerative potential of transplanted bone marrow. *Transplant Immunology*, **1994**, 2, 348-9	1.7	
1	A bacterial stimulation assay for bronchoalveolar lavage immune cells from young children with cystic fibrosis. *Scandinavian Journal of Immunology*, **2021**, 94, e13040	3.4	