

Graham Aw Rook

List of Publications by Year in descending order

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105
papers

9,046
citations

53794

45
h-index

39675

94
g-index

105
all docs

105
docs citations

105
times ranked

9781
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial exposures that establish immunoregulation are compatible with targeted hygiene. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 33-39.	2.9	10
2	Comment on Parker <i>et al</i> . (<i>Evolution, Medicine and Public Health</i> 2021;9:120-30.). <i>Evolution, Medicine and Public Health</i> , 2021, 9, 192-193.	2.5	1
3	The impact of human activities and lifestyles on the interlinked microbiota and health of humans and of ecosystems. <i>Science of the Total Environment</i> , 2018, 627, 1018-1038.	8.0	244
4	Mycobacteria, Immunoregulation, and Autoimmunity. , 2018, , 121-154.		1
5	Lost food narratives can grow human health in cities. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 560-562.	4.0	5
6	Childhood Microbial Experience, Immunoregulation, Inflammation, and Adult Susceptibility to Psychosocial Stressors and Depression. , 2018, , 17-44.		3
7	Evolution, human-microbe interactions, and life history plasticity. <i>Lancet, The</i> , 2017, 390, 521-530.	13.7	178
8	Current concepts in chronic inflammatory diseases: Interactions between microbes, cellular metabolism, and inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 47-56.	2.9	35
9	Time to abandon the hygiene hypothesis: new perspectives on allergic disease, the human microbiome, infectious disease prevention and the role of targeted hygiene. <i>Perspectives in Public Health</i> , 2016, 136, 213-224.	1.6	206
10	Helsinki alert of biodiversity and health. <i>Annals of Medicine</i> , 2015, 47, 218-225.	3.8	95
11	Hygiene and other early childhood influences on the subsequent function of the immune system. <i>Brain Research</i> , 2015, 1617, 47-62.	2.2	78
12	Mycobacteria, Immunoregulation, and Autoimmunity. , 2014, , 1-26.		0
13	Microbial "old friends"™, immunoregulation and socioeconomic status. <i>Clinical and Experimental Immunology</i> , 2014, 177, 1-12.	2.6	165
14	Phage display of functional $\hat{\pm}$ single-chain T-cell receptor molecules specific for CD1b:Ac2SGL complexes from <i>Mycobacterium tuberculosis</i> -infected cells. <i>BMC Immunology</i> , 2013, 14, S2.	2.2	4
15	The protective effect of immunoglobulin in murine tuberculosis is dependent on IgG glycosylation. <i>Pathogens and Disease</i> , 2013, 69, 176-183.	2.0	24
16	Pathways Underlying Afferent Signaling of Bronchopulmonary Immune Activation to the Central Nervous System. <i>Chemical Immunology and Allergy</i> , 2012, 98, 118-141.	1.7	12
17	Extrapulmonary Locations of <i>Mycobacterium tuberculosis</i> DNA During Latent Infection. <i>Journal of Infectious Diseases</i> , 2012, 206, 1194-1205.	4.0	102
18	Can we vaccinate against depression?. <i>Drug Discovery Today</i> , 2012, 17, 451-458.	6.4	34

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19	Hygiene Hypothesis and Autoimmune Diseases. <i>Clinical Reviews in Allergy and Immunology</i> , 2012, 42, 5-15.	6.5	323
20	Lymphocytes in neuroprotection, cognition and emotion: Is intolerance really the answer?. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 591-601.	4.1	39
21	DC Priming by <i>M. vaccae</i> Inhibits Th2 Responses in Contrast to Specific TLR2 Priming and Is Associated with Selective Activation of the CREB Pathway. <i>PLoS ONE</i> , 2011, 6, e18346.	2.5	29
22	Infection, immunoregulation, and cancer. <i>Immunological Reviews</i> , 2011, 240, 141-159.	6.0	85
23	CCL2, CCL18 and sIL-4R in renal, meningeal and pulmonary TB; a 2 year study of patients and contacts. <i>Tuberculosis</i> , 2011, 91, 140-145.	1.9	15
24	Hygiene and Other Early Childhood Influences on the Subsequent Function of the Immune System. <i>Digestive Diseases</i> , 2011, 29, 144-153.	1.9	49
25	Modulation of Cell Death by <i>M. tuberculosis</i> as a Strategy for Pathogen Survival. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-11.	3.3	38
26	Expression of apoptosis-related genes in an Ethiopian cohort study correlates with tuberculosis clinical status. <i>European Journal of Immunology</i> , 2010, 40, 291-301.	2.9	22
27	Different screening strategies (single or dual) for the diagnosis of suspected latent tuberculosis: a cost effectiveness analysis. <i>BMC Pulmonary Medicine</i> , 2010, 10, 7.	2.0	79
28	99th Dahlem Conference on Infection, Inflammation and Chronic Inflammatory Disorders: Darwinian medicine and the "hygiene" or "old friends" hypothesis. <i>Clinical and Experimental Immunology</i> , 2010, 100, 70-79.	10.0	247
29	Variation in Gamma Interferon Responses to Different Infecting Strains of <i>Mycobacterium tuberculosis</i> in Acid-Fast Bacillus Smear-Positive Patients and Household Contacts in Antananarivo, Madagascar. <i>Vaccine Journal</i> , 2010, 17, 1094-1103.	3.1	41
30	Host susceptibility and resistance to <i>Mycobacterium tuberculosis</i> Genetic, neuroendocrine, and acquired factors. , 2009, , 87-95.		0
31	Tuberculosis Due to High-Dose Challenge in Partially Immune Individuals: A Problem for Vaccination?. <i>Journal of Infectious Diseases</i> , 2009, 199, 613-618.	4.0	27
32	Review series on helminths, immune modulation and the hygiene hypothesis: The broader implications of the hygiene hypothesis. <i>Immunology</i> , 2009, 126, 3-11.	4.4	254
33	The Changing Microbial Environment and Chronic Inflammatory Disorders. <i>Allergy, Asthma and Clinical Immunology</i> , 2008, 4, 117.	2.0	7
34	The hygiene hypothesis and psychiatric disorders. <i>Trends in Immunology</i> , 2008, 29, 150-158.	6.8	110
35	Ex Vivo Cytokine mRNA Levels Correlate with Changing Clinical Status of Ethiopian TB Patients and their Contacts Over Time. <i>PLoS ONE</i> , 2008, 3, e1522.	2.5	52
36	Th2 Cytokines in Susceptibility to Tuberculosis. <i>Current Molecular Medicine</i> , 2007, 7, 327-337.	1.3	159

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37	Immunotherapeutics for Tuberculosis in Experimental Animals: Is There a Common Pathway Activated by Effective Protocols?. <i>Journal of Infectious Diseases</i> , 2007, 196, 191-198.	4.0	45
38	Endocrine and cytokine responses in humans with pulmonary tuberculosis. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 169-170.	4.1	2
39	Mycobacteria and allergies. <i>Immunobiology</i> , 2007, 212, 461-473.	1.9	27
40	The hygiene hypothesis and the increasing prevalence of chronic inflammatory disorders. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 1072-1074.	1.8	101
41	The pathogen recognition sensor, NOD2, is variably expressed in patients with pulmonary tuberculosis. <i>BMC Infectious Diseases</i> , 2007, 7, 96.	2.9	12
42	<i>FOXP3</i> gene expression in a tuberculosis case contact study. <i>Clinical and Experimental Immunology</i> , 2007, 149, 117-122.	2.6	43
43	The stability of mRNA encoding IL-4 is increased in pulmonary tuberculosis, while stability of mRNA encoding the antagonistic splice variant, IL-4 Δ 2, is not. <i>Tuberculosis</i> , 2007, 87, 237-241.	1.9	18
44	Mechanisms of Disease: the hygiene hypothesis revisited. <i>Nature Reviews Gastroenterology & Hepatology</i> , 2006, 3, 275-284.	1.7	263
45	Progress and hindrances in tuberculosis vaccine development. <i>Lancet, The</i> , 2006, 367, 947-949.	13.7	19
46	Expression of IL-4 mRNA in peripheral blood mononuclear cells from normal donors in relation to expression of TLR2. <i>Immunology Letters</i> , 2006, 106, 194-197.	2.5	0
47	Immune systems in developed and developing countries; implications for the design of vaccines that will work where BCG does not. <i>Tuberculosis</i> , 2006, 86, 152-162.	1.9	40
48	The 6-Kilodalton Early Secreted Antigenic Target-Responsive, Asymptomatic Contacts of Tuberculosis Patients Express Elevated Levels of Interleukin-4 and Reduced Levels of Gamma Interferon. <i>Infection and Immunity</i> , 2006, 74, 2817-2822.	2.2	39
49	Recognition of Stage-Specific Mycobacterial Antigens Differentiates between Acute and Latent Infections with <i>Mycobacterium tuberculosis</i> . <i>Vaccine Journal</i> , 2006, 13, 179-186.	3.1	174
50	Tryptophan metabolism in the central nervous system: medical implications. <i>Expert Reviews in Molecular Medicine</i> , 2006, 8, 1-27.	3.9	349
51	Utility of the antigen-specific interferon- γ assay for the management of tuberculosis. <i>Current Opinion in Pulmonary Medicine</i> , 2005, 11, 195-202.	2.6	109
52	Expression of a novel cytokine, IL-4 Δ 2, in HIV and HIV-tuberculosis co-infection. <i>Aids</i> , 2005, 19, 1601-1606.	2.2	25
53	Old friends for breakfast. <i>Clinical and Experimental Allergy</i> , 2005, 35, 841-842.	2.9	41
54	Immune responses to tuberculosis in developing countries: implications for new vaccines. <i>Nature Reviews Immunology</i> , 2005, 5, 661-667.	22.7	149

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55	Effect of sample handling on analysis of cytokine responses to Mycobacterium tuberculosis in clinical samples using ELISA, ELISPOT and quantitative PCR. Journal of Immunological Methods, 2005, 298, 129-141.	1.4	51
56	Microbes, immunoregulation, and the gut. Gut, 2005, 54, 317-320.	12.1	276
57	Performance of a T-cell-based diagnostic test for tuberculosis infection in HIV-infected individuals is independent of CD4 cell count. Aids, 2005, 19, 2038-2041.	2.2	112
58	Interferon gamma assays for tuberculosis. Lancet Infectious Diseases, The, 2005, 5, 324-325.	9.1	9
59	Do successful tuberculosis vaccines need to be immunoregulatory rather than merely Th1-boosting?. Vaccine, 2005, 23, 2115-2120.	3.8	62
60	The "Old Friends" hypothesis; how early contact with certain microorganisms may influence immunoregulatory circuits. , 2005, , 183-194.		3
61	Validation of housekeeping genes for normalizing RNA expression in real-time PCR. BioTechniques, 2004, 37, 112-119.	1.8	838
62	Healthy Individuals That Control a Latent Infection with <i>Mycobacterium tuberculosis</i> Express High Levels of Th1 Cytokines and the IL-4 Antagonist IL-4I2. Journal of Immunology, 2004, 172, 6938-6943.	0.8	160
63	Mycobacteria and other environmental organisms as immunomodulators for immunoregulatory disorders. Seminars in Immunopathology, 2004, 25, 237-255.	4.0	212
64	Pulmonary tuberculosis in BALB/c mice with non-functional IL-4 genes: changes in the inflammatory effects of TNF- α and in the regulation of fibrosis. European Journal of Immunology, 2004, 34, 174-183.	2.9	86
65	IL-4 in tuberculosis: implications for vaccine design. Trends in Immunology, 2004, 25, 483-488.	6.8	167
66	Crohn's disease and MAP. Lancet, The, 2004, 364, 2178.	13.7	4
67	Peripheral T Cell Interferon- γ Responses and Latent Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 97-98.	5.6	5
68	Innate immune responses to mycobacteria and the downregulation of atopic responses. Current Opinion in Allergy and Clinical Immunology, 2003, 3, 337-342.	2.3	106
69	Immunotherapy with mycobacteria. Current Opinion in Allergy and Clinical Immunology, 2003, 3, 481-486.	2.3	13
70	Long-Term Protective and Antigen-Specific Effect of Heat-Killed <i>Mycobacterium vaccae</i> in a Murine Model of Allergic Pulmonary Inflammation. Journal of Immunology, 2002, 169, 1492-1499.	0.8	113
71	Can nerve damage disrupt neuroendocrine immune homeostasis? Leprosy as a case in point. Trends in Immunology, 2002, 23, 18-22.	6.8	28
72	Dangers of therapeutic manipulation of the Th1-Th2 balance. Trends in Immunology, 2002, 23, 127-128.	6.8	5

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73	The importance of models of infection in the study of disease resistance. Trends in Microbiology, 2002, 10, s38-s46.	7.7	43
74	Suppression of airway eosinophilia by killed Mycobacterium vaccae-induced allergen-specific regulatory T-cells. Nature Medicine, 2002, 8, 625-629.	30.7	495
75	The TGF- β 1 paradox in asthma. Trends in Immunology, 2001, 22, 299-300.	6.8	3
76	The molecular mechanisms of severe typhoid fever. Trends in Microbiology, 2001, 9, 316-320.	7.7	109
77	Advances in the immunopathogenesis of pulmonary tuberculosis. Current Opinion in Pulmonary Medicine, 2001, 7, 116-123.	2.6	41
78	Treatment with BB-94, a broad spectrum inhibitor of zinc-dependent metalloproteinases, causes deviation of the cytokine profile towards Type-2 in experimental pulmonary tuberculosis in Balb/c mice. International Journal of Experimental Pathology, 2001, 81, 199-209.	1.3	32
79	Clean living increases more than just atopic disease. Trends in Immunology, 2000, 21, 249.	7.5	27
80	Bacterial vaccines for the treatment of multiple sclerosis and other autoimmune diseases. Trends in Immunology, 2000, 21, 503-508.	7.5	33
81	Cytokine analysis at the single cell level and lymphoproliferative responses to mycobacterial antigens in HIV-1 patients with successful virologic response to potent antiretrovirals. Journal of Clinical Immunology, 2000, 20, 458-465.	3.8	3
82	Cortisol metabolism, cortisol sensitivity and the pathogenesis of leprosy reactions. Tropical Medicine and International Health, 1999, 4, 493-498.	2.3	11
83	Glucocorticoids and immune function. Best Practice and Research in Clinical Endocrinology and Metabolism, 1999, 13, 567-581.	4.7	63
84	Give us this day our daily germs. Trends in Immunology, 1998, 19, 113-116.	7.5	378
85	Bacteria, Immunity to. , 1998, , 315-320.		0
86	Give us this day our daily germs. Trends in Immunology, 1998, 19, 113-116.	7.5	225
87	Steroid Metabolism and Immunity. BioDrugs, 1997, 8, 157-163.	4.6	2
88	Gulf War syndrome: is it due to a systemic shift in cytokine balance towards a Th2 profile?. Lancet, The, 1997, 349, 1831-1833.	13.7	146
89	Pathogenetic role, in human and murine tuberculosis, of changes in the peripheral metabolism of glucocorticoids and antiglucocorticoids. Psychoneuroendocrinology, 1997, 22, S109-S113.	2.7	20
90	On the interaction between agalactosyl IgG and Fc γ 3 receptors. European Journal of Immunology, 1996, 26, 1404-1407.	2.9	29

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91	The biological activity of human monoclonal IgG anti-D is reduced by Î²-galactosidase treatment. Human Antibodies, 1995, 6, 82-88.	1.5	67
92	Adrenal changes in murine pulmonary tuberculosis; a clue to pathogenesis?. FEMS Immunology and Medical Microbiology, 1995, 12, 63-72.	2.7	3
93	Hormones, peripherally activated prohormones and regulation of the Th1/Th2 balance. Trends in Immunology, 1994, 15, 301-303.	7.5	278
94	T Cell Helper Types and Endocrines in the Regulation of Tissue-Damaging Mechanisms in Tuberculosis. Immunobiology, 1994, 191, 478-492.	1.9	28
95	Glycosylation of Immunoglobulins. BioDrugs, 1994, 1, 169-172.	0.7	1
96	New meanings for an old word: adjuvanticity, cytokines and T cells. Trends in Immunology, 1993, 14, 95-96.	7.5	17
97	TH1/TH2 switching and loss of CD4+ T cells in chronic infections: an immunoendocrinological hypothesis not exclusive to HIV. Trends in Immunology, 1993, 14, 568-569.	7.5	48
98	Aetiology of tuberculids. Lancet, The, 1993, 341, 565-566.	13.7	1
99	RELATIONSHIP BETWEEN INTERLEUKIN 6, AGALACTOSYL IgG AND PRISTANE-INDUCED ARTHRITIS. Autoimmunity, 1992, 11, 247-254.	2.6	33
100	Tumours and Coley's toxins. Nature, 1992, 357, 545-545.	27.8	17
101	HLA-DR4, mycobacteria, heat-shock proteins, and rheumatoid arthritis. Arthritis and Rheumatism, 1992, 35, 1409-1412.	6.7	11
102	The role of oil and agalactosyl IgG in the induction of arthritis in rodent models. European Journal of Immunology, 1991, 21, 1027-1032.	2.9	58
103	Mycobacteria and rheumatoid arthritis. Arthritis and Rheumatism, 1990, 33, 431-435.	6.7	30
104	A comparative analysis of disease-associated changes in the galactosylation of serum IgG. Journal of Autoimmunity, 1989, 2, 101-114.	6.5	213
105	The role of IgG glycoforms in the pathogenesis of rheumatoid arthritis. Seminars in Immunopathology, 1988, 10, 231-249.	4.0	102