

John G Raynes

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

3,077
citations

182225

30
h-index

190340

53
g-index

84
all docs

84
docs citations

84
times ranked

4075
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Cytomegalovirus antibody responses associated with increased risk of TB disease in Ugandan adults. <i>Journal of Infectious Diseases</i> , 2020, 221, 1127-1134. | 1.9 | 14 |
| 2 | Characterization of Posttranslationally Modified Multidrug Efflux Pumps Reveals an Unexpected Link between Glycosylation and Antimicrobial Resistance. <i>MBio</i> , 2020, 11, . | 1.8 | 20 |
| 3 | <i>Mycobacterium tuberculosis</i> infection is associated with increased B cell responses to unrelated pathogens. <i>Scientific Reports</i> , 2020, 10, 14324. | 1.6 | 9 |
| 4 | Activity of Chitosan and Its Derivatives against <i>Leishmania major</i> and <i>Leishmania mexicana</i> <i>In Vitro</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 1.4 | 24 |
| 5 | Vitamin D (1,25(OH) ₂ D ₃) induces $\hat{\pm}$ -1-antitrypsin synthesis by CD4 ⁺ T cells, which is required for 1,25(OH) ₂ D ₃ -driven IL-10. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 189, 1-9. | 1.2 | 28 |
| 6 | HIV, HCMV and mycobacterial antibody levels: a cross-sectional study in a rural Ugandan cohort. <i>Tropical Medicine and International Health</i> , 2019, 24, 247-257. | 1.0 | 8 |
| 7 | Characterising antibody avidity in individuals of varied <i>Mycobacterium tuberculosis</i> infection status using surface plasmon resonance. <i>PLoS ONE</i> , 2018, 13, e0205102. | 1.1 | 16 |
| 8 | The comparative immunology of wild and laboratory mice, <i>Mus musculus domesticus</i> . <i>Nature Communications</i> , 2017, 8, 14811. | 5.8 | 233 |
| 9 | Disease severity in patients with visceral leishmaniasis is not altered by co-infection with intestinal parasites. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005727. | 1.3 | 13 |
| 10 | Use of QuantiFERON®-TB Gold in-tube culture supernatants for measurement of antibody responses. <i>PLoS ONE</i> , 2017, 12, e0188396. | 1.1 | 9 |
| 11 | Malnutrition in Healthy Individuals Results in Increased Mixed Cytokine Profiles, Altered Neutrophil Subsets and Function. <i>PLoS ONE</i> , 2016, 11, e0157919. | 1.1 | 36 |
| 12 | IgG1 Fc N-glycan galactosylation as a biomarker for immune activation. <i>Scientific Reports</i> , 2016, 6, 28207. | 1.6 | 71 |
| 13 | The Carbohydrate-linked Phosphorylcholine of the Parasitic Nematode Product ES-62 Modulates Complement Activation. <i>Journal of Biological Chemistry</i> , 2016, 291, 11939-11953. | 1.6 | 26 |
| 14 | C-reactive protein is essential for innate resistance to pneumococcal infection. <i>Immunology</i> , 2014, 142, 414-420. | 2.0 | 51 |
| 15 | Factors affecting immunogenicity of BCG in infants, a study in Malawi, The Gambia and the UK. <i>BMC Infectious Diseases</i> , 2014, 14, 184. | 1.3 | 27 |
| 16 | Novel mechanisms of immunomodulation by vitamin D and $\hat{\pm}$ -1-antitrypsin. <i>Thorax</i> , 2013, 68, A115.2-A115. | 2.7 | 0 |
| 17 | Effect of vitamin D supplementation of low birth weight term Indian infants from birth on cytokine production at 6 months. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 746-750. | 1.3 | 8 |
| 18 | The proinflammatory activity of recombinant serum amyloid A is not shared by the endogenous protein in the circulation. <i>Arthritis and Rheumatism</i> , 2010, 62, 1660-1665. | 6.7 | 42 |

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|----|---|-----|-----------|
| 19 | Early Helminth Infections Are Inversely Related to Anemia, Malnutrition, and Malaria and Are Not Associated with Inflammation in 6- to 23-Month-Old Zanzibari Children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 1062-1070. | 0.6 | 29 |
| 20 | Adjusting for the Acute Phase Response Is Essential to Interpret Iron Status Indicators among Young Zanzibari Children Prone to Chronic Malaria and Helminth Infections. <i>Journal of Nutrition</i> , 2009, 139, 2124-2131. | 1.3 | 26 |
| 21 | Acute-phase protein synthesis in human hepatoma cells: differential regulation of serum amyloid A (SAA) and haptoglobin by interleukin-1 and interleukin-6. <i>Clinical and Experimental Immunology</i> , 2008, 83, 488-491. | 1.1 | 91 |
| 22 | Autoantibodies to cerebroside sulphate (sulphatide) in leprosy. <i>Clinical and Experimental Immunology</i> , 2008, 98, 145-150. | 1.1 | 5 |
| 23 | The lipidation status of acute-phase protein serum amyloid A determines cholesterol mobilization via scavenger receptor class B, type I. <i>Biochemical Journal</i> , 2007, 402, 117-124. | 1.7 | 49 |
| 24 | C-reactive protein initiates transformation of <i>Leishmania donovani</i> and <i>L. mexicana</i> through binding to lipophosphoglycan. <i>Molecular and Biochemical Parasitology</i> , 2006, 146, 259-264. | 0.5 | 2 |
| 25 | CD11b Regulates Recruitment of Alveolar Macrophages but Not Pulmonary Dendritic Cells after Pneumococcal Challenge. <i>Journal of Infectious Diseases</i> , 2006, 193, 205-213. | 1.9 | 93 |
| 26 | Serum amyloid A is an innate immune opsonin for Gram-negative bacteria. <i>Blood</i> , 2006, 108, 1751-1757. | 0.6 | 197 |
| 27 | Serum Amyloid A Protein Binds to Outer Membrane Protein A of Gram-negative Bacteria. <i>Journal of Biological Chemistry</i> , 2005, 280, 18562-18567. | 1.6 | 116 |
| 28 | Proteolysis of serum amyloid A and AA amyloid proteins by cysteine proteases: cathepsin B generates AA amyloid proteins and cathepsin L may prevent their formation. <i>Annals of the Rheumatic Diseases</i> , 2005, 64, 808-815. | 0.5 | 60 |
| 29 | The Role Played by Tumor Necrosis Factor during Localized and Systemic Infection with <i>Streptococcus pneumoniae</i> . <i>Journal of Infectious Diseases</i> , 2005, 191, 1538-1547. | 1.9 | 37 |
| 30 | Fc γ RIIIa expression with Fc γ RI results in C-reactive protein- and IgG-mediated phagocytosis. <i>Journal of Leukocyte Biology</i> , 2004, 75, 1029-1035. | 1.5 | 38 |
| 31 | Neutrophil responses to CRP are not dependent on polymorphism of human Fc γ RIIIA (R131H). <i>Clinical and Experimental Immunology</i> , 2004, 138, 271-277. | 1.1 | 8 |
| 32 | De-novo design of complementary (antisense) peptide mini-receptor inhibitor of interleukin 18 (IL-18). <i>Molecular Immunology</i> , 2004, 41, 1217-1224. | 1.0 | 17 |
| 33 | Activation of p38 Mitogen-Activated Protein Kinase Attenuates <i>Leishmania donovani</i> Infection in Macrophages. <i>Infection and Immunity</i> , 2002, 70, 5026-5035. | 1.0 | 101 |
| 34 | Mechanistic Investigation into Complementary (Antisense) Peptide Mini-Receptor Inhibitors of Cytokine Interleukin-1. <i>ChemBioChem</i> , 2002, 3, 76-85. | 1.3 | 19 |
| 35 | Specific Interactions Between Sense and Complementary Peptides: The Basis for the Proteomic Code. <i>ChemBioChem</i> , 2002, 3, 136-151. | 1.3 | 68 |
| 36 | C-reactive protein-mediated phagocytosis and phospholipase D signalling through the high-affinity receptor for immunoglobulin G (Fc γ RI). <i>Immunology</i> , 2002, 107, 252-260. | 2.0 | 73 |

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|----|--|-----|-----------|
| 37 | C-reactive protein-mediated phagocytosis of <i>Leishmania donovani</i> promastigotes does not alter parasite survival or macrophage responses. <i>Parasite Immunology</i> , 2002, 24, 447-454. | 0.7 | 22 |
| 38 | Acute-phase HDL in phospholipid transfer protein (PLTP)-mediated HDL conversion. <i>Atherosclerosis</i> , 2001, 155, 297-305. | 0.4 | 36 |
| 39 | Proteolysis of AA Amyloid Fibril Proteins by Matrix Metalloproteinases-1, -2, and -3. <i>American Journal of Pathology</i> , 2001, 159, 561-570. | 1.9 | 96 |
| 40 | Transformation of <i>Leishmania mexicana</i> metacyclic promastigotes to amastigote-like forms mediated by binding of human C-reactive protein. <i>Parasitology</i> , 2001, 122, 521-529. | 0.7 | 23 |
| 41 | Polymorphisms in the $\text{IL}^{-1}\beta$ promoter region and risk of diseases involving inflammation and fibrosis. <i>Genes and Immunity</i> , 2001, 2, 153-155. | 2.2 | 38 |
| 42 | C-reactive protein binds to phosphorylated carbohydrates. <i>Glycobiology</i> , 2000, 10, 59-65. | 1.3 | 26 |
| 43 | A study of the denaturation of human C-reactive protein in the presence of calcium ions and glycerophosphorylcholine. <i>Thermochimica Acta</i> , 1999, 334, 97-106. | 1.2 | 3 |
| 44 | Rouleaux-Forming Serum Proteins Are Involved in the Rosetting of <i>Plasmodium falciparum</i> -Infected Erythrocytes. <i>Experimental Parasitology</i> , 1999, 93, 215-224. | 0.5 | 39 |
| 45 | A search within the IL-1 type I receptor reveals a peptide with hydrophobic complementarity to the IL-1 β trigger loop which binds to IL-1 and inhibits in vitro responses. <i>Molecular Immunology</i> , 1999, 36, 1141-1148. | 1.0 | 20 |
| 46 | Vitamin A status does not influence neopterin production during illness or health in South African children. <i>British Journal of Nutrition</i> , 1998, 80, 75-79. | 1.2 | 6 |
| 47 | C-reactive protein increases C3 deposition on <i>Leishmania donovani</i> promastigotes in human serum. <i>Biochemical Society Transactions</i> , 1997, 25, 286S-286S. | 1.6 | 9 |
| 48 | INTERFERON- γ MEDIATES HOST RESISTANCE IN A MURINE MODEL OF MELIOIDOSIS. <i>Biochemical Society Transactions</i> , 1997, 25, 287S-287S. | 1.6 | 15 |
| 49 | Serum amyloid A has little effect on high density lipoprotein (HDL) binding to U937 monocytes but may influence HDL mediated cholesterol transfer. <i>Biochemical Society Transactions</i> , 1997, 25, 348S-348S. | 1.6 | 9 |
| 50 | Neopterin, β 2-Microglobulin, and Acute Phase Proteins in HIV-1-Seropositive and -Seronegative Zambian Patients with Tuberculosis. <i>Lung</i> , 1997, 175, 265-275. | 1.4 | 33 |
| 51 | Design of Antisense(Complementary) Peptides as Selective Inhibitors of Cytokine Interleukin-1. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 962-967. | 4.4 | 23 |
| 52 | Selektive Inhibierung von Interleukin-1 durch Antisense-Peptide. <i>Angewandte Chemie</i> , 1997, 109, 999-1004. | 1.6 | 4 |
| 53 | A Protein AA-Variant Derived from a Novel Serum AA Protein, SAA1 β , in an Individual from Papua New Guinea. <i>Biochemical and Biophysical Research Communications</i> , 1996, 223, 320-323. | 1.0 | 15 |
| 54 | No increased prevalence of adrenocortical insufficiency in human immunodeficiency virus-associated tuberculosis. <i>Tubercle and Lung Disease</i> , 1996, 77, 444-448. | 2.1 | 11 |

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|----|--|-----|-----------|
| 55 | Acute phase protein concentrations predict parasite clearance rate during therapy for visceral leishmaniasis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1995, 89, 678-681. | 0.7 | 30 |
| 56 | Vitamin A supplementation, morbidity, and serum acute-phase proteins in young Ghanaian children. American Journal of Clinical Nutrition, 1995, 62, 434-438. | 2.2 | 62 |
| 57 | Detection of C-polysaccharide in serum of patients with Streptococcus pneumoniae bacteraemia.. Journal of Clinical Pathology, 1995, 48, 803-806. | 1.0 | 7 |
| 58 | Diagnosis of Streptococcus pneumoniae pneumonia by quantitative enzyme linked immunosorbent assay of C-polysaccharide antigen.. Journal of Clinical Pathology, 1994, 47, 749-751. | 1.0 | 10 |
| 59 | Binding of C-reactive protein to <i>Leishmania</i>. Biochemical Society Transactions, 1994, 22, 3S-3S. | 1.6 | 4 |
| 60 | The acute phase response. Biochemical Society Transactions, 1994, 22, 69-74. | 1.6 | 41 |
| 61 | Inhibition of the acute-phase response in a human hepatoma cell line. Agents and Actions, 1993, 38, C66-C68. | 0.7 | 8 |
| 62 | Serum amyloid A (SAA): an acute phase protein and apolipoprotein. Atherosclerosis, 1993, 102, 131-146. | 0.4 | 194 |
| 63 | Is there an acute-phase response in steady-state sickle cell disease?. Lancet, The, 1993, 341, 651-653. | 6.3 | 65 |
| 64 | Acute-phase protein response is impaired in severely malnourished children. Clinical Science, 1993, 84, 169-175. | 1.8 | 66 |
| 65 | Influence of morbidity on serum retinol of children in a community-based study in northern Ghana. American Journal of Clinical Nutrition, 1993, 58, 192-197. | 2.2 | 160 |
| 66 | Human serum amyloid P is a multispecific adhesive protein whose ligands include 6-phosphorylated mannose and the 3-sulphated saccharides galactose, N-acetylgalactosamine and glucuronic acid.. EMBO Journal, 1992, 11, 813-819. | 3.5 | 91 |
| 67 | Î±-1-Acid glycoprotein inhibits the effect of quinine on the growth of Plasmodium falciparum in vitro. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1992, 86, 377. | 0.7 | 2 |
| 68 | Increased hyaluronate synthesis and changes in glycosaminoglycan ratios and molecular weight of proteoglycans synthesised by cultured cervical tissue from ewes at various stages of pregnancy. Biochimica Et Biophysica Acta - General Subjects, 1991, 1075, 187-190. | 1.1 | 8 |
| 69 | Serum Amyloid A Isoforms in Inflammation. Scandinavian Journal of Immunology, 1991, 33, 657-666. | 1.3 | 26 |
| 70 | Measurement of acute phase proteins for assessing severity of Plasmodium falciparum malaria.. Journal of Clinical Pathology, 1991, 44, 228-231. | 1.0 | 65 |
| 71 | C-reactive protein and the liver stage of Plasmodium vivax and P. berghei. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1990, 84, 781. | 0.7 | 2 |
| 72 | Acute-Phase Proteins and the Serological Evaluation of Experimental Contact Sensitivity in the Mouse. International Archives of Allergy and Immunology, 1989, 89, 149-155. | 0.9 | 15 |

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|----|---|-----|-----------|
| 73 | Purification of amyloid A protein. Biochemical Society Transactions, 1989, 17, 345-345. | 1.6 | 0 |
| 74 | Serum amyloid A isotypes. Biochemical Society Transactions, 1989, 17, 345-346. | 1.6 | 0 |
| 75 | Increased Collagenase Activity is not Detectable in Cervical Softening in the Ewe. Collagen and Related Research, 1988, 8, 461-469. | 2.2 | 8 |
| 76 | Purification of serum amyloid a and other high density apolipoproteins by hydrophobic interaction chromatography. Analytical Biochemistry, 1988, 173, 116-124. | 1.1 | 33 |
| 77 | Î±-amylase isoenzymes of germinated barley. Journal of Cereal Science, 1985, 3, 67-72. | 1.8 | 1 |
| 78 | Genotype and the production of Î±-amylase in barley grains germinated in the presence and absence of gibberellic acid. Journal of Cereal Science, 1985, 3, 55-65. | 1.8 | 8 |
| 79 | Comparison of serum amyloid A protein and C-reactive protein concentrations in cancer and non-malignant disease.. Journal of Clinical Pathology, 1983, 36, 798-803. | 1.0 | 76 |