

# John R Gordon

## List of Publications by Citations

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107  
papers

5,353  
citations

38  
h-index

71  
g-index

109  
ext. papers

5,662  
ext. citations

4.6  
avg, IF

5.3  
L-index

#	Paper	IF	Citations
107	Mast cells as a source of both preformed and immunologically inducible TNF-alpha/cachectin. <i>Nature</i> , <b>1990</b> , 346, 274-6	50.4	867
106	Mast cells as a source of multifunctional cytokines. <i>Trends in Immunology</i> , <b>1990</b> , 11, 458-64		644
105	Cytokine production by mast cells and basophils. <i>Current Opinion in Immunology</i> , <b>1991</b> , 3, 865-72	7.8	288
104	The functional significance behind expressing two IL-8 receptor types on PMN. <i>Journal of Leukocyte Biology</i> , <b>2009</b> , 86, 529-43	6.5	188
103	Recombinant human interleukin 5 is an eosinophil differentiation factor but has no activity in standard human B cell growth factor assays. <i>European Journal of Immunology</i> , <b>1987</b> , 17, 1743-50	6.1	154
102	Regulatory dendritic cells for immunotherapy in immunologic diseases. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 7	8.4	122
101	Proinflammatory and proapoptotic effects of methylglyoxal on neutrophils from patients with type 2 diabetes mellitus. <i>Clinical Biochemistry</i> , <b>2007</b> , 40, 1232-9	3.5	109
100	Proteinase-activated receptor 2 activation in the airways enhances antigen-mediated airway inflammation and airway hyperresponsiveness through different pathways. <i>Journal of Allergy and Clinical Immunology</i> , <b>2005</b> , 115, 623-30	11.5	99
99	Interleukin-8 induction by the environmental contaminant benzo(a)pyrene is aryl hydrocarbon receptor-dependent and leads to lung inflammation. <i>Toxicology Letters</i> , <b>2008</b> , 177, 130-7	4.4	98
98	Expression of transforming growth factor beta(1), beta(3), and basic fibroblast growth factor in full-thickness skin wounds of equine limbs and thorax. <i>Veterinary Surgery</i> , <b>2001</b> , 30, 269-77	1.7	96
97	Evidence for an association between CD23 and the receptor for a low molecular weight B cell growth factor. <i>European Journal of Immunology</i> , <b>1986</b> , 16, 1627-30	6.1	92
96	Opposing effects of short- and long-term stress on airway inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 169, 220-6	10.2	84
95	Mast cell tryptase release and asthmatic responses to allergen increase with regular use of salbutamol. <i>Journal of Allergy and Clinical Immunology</i> , <b>2000</b> , 106, 57-64	11.5	76
94	Tolerogenic dendritic cells induce CD4+CD25hiFoxp3+ regulatory T cell differentiation from CD4+CD25-/loFoxp3- effector T cells. <i>Journal of Immunology</i> , <b>2010</b> , 185, 5003-10	5.3	75
93	Mucosal allergic sensitization to cockroach allergens is dependent on proteinase activity and proteinase-activated receptor-2 activation. <i>Journal of Immunology</i> , <b>2011</b> , 186, 3164-72	5.3	74
92	Proteinase-activated receptor-2 promotes allergic sensitization to an inhaled antigen through a TNF-mediated pathway. <i>Journal of Immunology</i> , <b>2007</b> , 179, 2910-7	5.3	70
91	Synergistic interaction between interleukin 4 and anti-Bp50 (CDw40) revealed in a novel B cell restimulation assay. <i>European Journal of Immunology</i> , <b>1987</b> , 17, 1535-8	6.1	66

90	Lymphotactin expression by engineered myeloma cells drives tumor regression: mediation by CD4+ and CD8+ T cells and neutrophils expressing XCR1 receptor. <i>Journal of Immunology</i> , <b>2001</b> , 167, 57-65	5.3	60
89	Innate resistance to experimental African trypanosomiasis: differences in cytokine (TNF-alpha, IL-6, IL-10 and IL-12) production by bone marrow-derived macrophages from resistant and susceptible mice. <i>Cytokine</i> , <b>2000</b> , 12, 1024-34	4	59
88	Soluble CD23 is released by B lymphocytes cycling in response to interleukin 4 and anti-Bp50 (CDw40). <i>European Journal of Immunology</i> , <b>1988</b> , 18, 349-53	6.1	59
87	Preliminary observations on expression of transforming growth factors beta1 and beta3 in equine full-thickness skin wounds healing normally or with exuberant granulation tissue. <i>Veterinary Surgery</i> , <b>2002</b> , 31, 266-73	1.7	58
86	Induction of type 2 T helper cell allergen tolerance by IL-10-differentiated regulatory dendritic cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2010</b> , 42, 190-9	5.7	57
85	CD4-8- dendritic cells prime CD4+ T regulatory 1 cells to suppress antitumor immunity. <i>Journal of Immunology</i> , <b>2005</b> , 175, 2931-7	5.3	55
84	Analyzing mast cell development and function using mice carrying mutations at W/c-kit or Sl/MGF (SCF) loci. <i>Annals of the New York Academy of Sciences</i> , <b>1992</b> , 664, 69-88	6.5	53
83	Analysis of the gene expression profiles of immature versus mature bone marrow-derived dendritic cells using DNA arrays. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 290, 66-72	3.4	52
82	Neutrophils and B cells express XCR1 receptor and chemotactically respond to lymphotactin. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 281, 378-82	3.4	52
81	Production and functional characterization of recombinant bovine interleukin-8 as a specific neutrophil activator and chemoattractant. <i>Veterinary Immunology and Immunopathology</i> , <b>1999</b> , 67, 327-40		52
80	Factors modifying survival pathways of germinal center B cells. Glucocorticoids and transforming growth factor-beta, but not cyclosporin A or anti-CD19, block surface immunoglobulin-mediated rescue from apoptosis. <i>European Journal of Immunology</i> , <b>1992</b> , 22, 2725-8	6.1	51
79	Innate resistance to <i>Trypanosoma congolense</i> infections: differential production of nitric oxide by macrophages from susceptible BALB/c and resistant C57Bl/6 mice. <i>Experimental Parasitology</i> , <b>1999</b> , 92, 131-43	2.1	49
78	Thrombin induces IL-6 but not TNFalpha secretion by mouse mast cells: threshold-level thrombin receptor and very low level FcepsilonRI signaling synergistically enhance IL-6 secretion. <i>Cellular Immunology</i> , <b>2000</b> , 205, 128-35	4.4	47
77	CXCR1/2 antagonism with CXCL8/Interleukin-8 analogue CXCL8(3-72)K11R/G31P restricts lung cancer growth by inhibiting tumor cell proliferation and suppressing angiogenesis. <i>Oncotarget</i> , <b>2015</b> , 6, 21315-27	3.3	47
76	Behavioral alterations in rat offspring following maternal immune activation and ELR-CXC chemokine receptor antagonism during pregnancy: implications for neurodevelopmental psychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 57, 155-65	5.5	46
75	Tumour necrosis factor-alpha (TNF-alpha) transgene-expressing dendritic cells (DCs) undergo augmented cellular maturation and induce more robust T-cell activation and anti-tumour immunity than DCs generated in recombinant TNF-alpha. <i>Immunology</i> , <b>2003</b> , 108, 177-88	7.8	44
74	The combined CXCR1/CXCR2 antagonist CXCL8(3-74)K11R/G31P blocks neutrophil infiltration, pyrexia, and pulmonary vascular pathology in endotoxemic animals. <i>Journal of Leukocyte Biology</i> , <b>2005</b> , 78, 1265-72	6.5	43
73	CXCL8((3-73))K11R/G31P antagonizes ligand binding to the neutrophil CXCR1 and CXCR2 receptors and cellular responses to CXCL8/IL-8. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 293, 939-44	3.4	43

72	Synergistic enhancement of antitumor immunity with adoptively transferred tumor-specific CD4+ and CD8+ T cells and intratumoral lymphotactin transgene expression. <i>Cancer Research</i> , <b>2002</b> , 62, 2043-51 <sup>10.1</sup>	43
71	Mast cell cytokines in allergy and inflammation. <i>Agents and Actions Supplements</i> , <b>1993</b> , 43, 209-20	0.2 39
70	ELR-CXC chemokine receptor antagonism targets inflammatory responses at multiple levels. <i>Journal of Immunology</i> , <b>2009</b> , 182, 3213-22	5.3 38
69	CD8 alpha+, but not CD8 alpha-, dendritic cells tolerize Th2 responses via contact-dependent and -independent mechanisms, and reverse airway hyperresponsiveness, Th2, and eosinophil responses in a mouse model of asthma. <i>Journal of Immunology</i> , <b>2005</b> , 175, 1516-22	5.3 37
68	Systematic review of respiratory health among dairy workers. <i>Journal of Agromedicine</i> , <b>2013</b> , 18, 219-43	1.9 36
67	Maintenance of Human Germinal Center B Cells In Vitro. <i>Blood</i> , <b>1997</b> , 89, 919-928	2.2 36
66	DNA array and biological characterization of the impact of the maturation status of mouse dendritic cells on their phenotype and antitumor vaccination efficacy. <i>Cellular Immunology</i> , <b>2001</b> , 214, 60-71	4.4 36
65	Metformin inhibits the development, and promotes the resensitization, of treatment-resistant breast cancer. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187191	3.7 32
64	Comparison of induced versus natural regulatory T cells of the same TCR specificity for induction of tolerance to an environmental antigen. <i>Journal of Immunology</i> , <b>2013</b> , 191, 1136-43	5.3 32
63	Monocyte chemoattractant peptide-1 expression during cutaneous allergic reactions in mice is mast cell dependent and largely mediates the monocyte recruitment response. <i>Journal of Allergy and Clinical Immunology</i> , <b>2000</b> , 106, 110-6	11.5 32
62	Anti-proliferative effects of interferons on Daudi Burkitt lymphoma cells: induction of cell differentiation and loss of response to autocrine growth factors. <i>International Journal of Cancer</i> , <b>1987</b> , 40, 53-7	7.5 31
61	Therapeutic reversal of food allergen sensitivity by mature retinoic acid-differentiated dendritic cell induction of LAG3CD49bFoxp3 regulatory T cells. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1608-1620.e3	11.5 30
60	TGFbeta1 and TNFalpha secreted by mast cells stimulated via the FcepsilonRI activate fibroblasts for high-level production of monocyte chemoattractant protein-1 (MCP-1). <i>Cellular Immunology</i> , <b>2000</b> , 201, 42-9	4.4 30
59	CXCL8((3-73))K11R/G31P antagonizes the neutrophil chemoattractants present in pasteurellosis and mastitis lesions and abrogates neutrophil influx into intradermal endotoxin challenge sites in vivo. <i>Veterinary Immunology and Immunopathology</i> , <b>2002</b> , 90, 65-77	2 28
58	CXCL8 Antagonist Improves Diabetic Nephropathy in Male Mice With Diabetes and Attenuates High Glucose-Induced Mesangial Injury. <i>Endocrinology</i> , <b>2017</b> , 158, 1671-1684	4.8 27
57	Identification by mass spectroscopy of F4ac-fimbrial-binding proteins in porcine milk and characterization of lactadherin as an inhibitor of F4ac-positive Escherichia coli attachment to intestinal villi in vitro. <i>Developmental and Comparative Immunology</i> , <b>2006</b> , 30, 723-34	3.2 27
56	Prospective Analysis of the Effects of Maternal Immune Activation on Rat Cytokines during Pregnancy and Behavior of the Male Offspring Relevant to Schizophrenia. <i>ENeuro</i> , <b>2018</b> , 5,	3.9 27
55	Induction of prolonged asthma tolerance by IL-10-differentiated dendritic cells: differential impact on airway hyperresponsiveness and the Th2 immunoinflammatory response. <i>Journal of Immunology</i> , <b>2012</b> , 189, 72-9	5.3 26

54	DNA microarray analysis of the gene expression profiles of naïve versus activated tumor-specific T cells. <i>Life Sciences</i> , <b>2002</b> , 71, 3005-17	6.8	26
53	An inherited deficiency of the third component of complement, C3, in guinea pigs. <i>European Journal of Immunology</i> , <b>1986</b> , 16, 7-11	6.1	25
52	Direct in vivo evidence of CD4+ T cell requirement for CTL response and memory via pMHC-I targeting and CD40L signaling. <i>Journal of Leukocyte Biology</i> , <b>2012</b> , 92, 289-300	6.5	24
51	Regular salbutamol use increases CXCL8 responses in asthma: relationship to the eosinophil response. <i>European Respiratory Journal</i> , <b>2003</b> , 22, 118-26	13.6	24
50	Induction of pulmonary allergen-specific IgA responses or airway hyperresponsiveness in the absence of allergic lung disease following sensitization with limiting doses of ovalbumin-alum. <i>Cellular Immunology</i> , <b>2001</b> , 212, 101-9	4.4	24
49	Advances in dendritic cell-based vaccine of cancer. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , <b>2002</b> , 17, 601-19	3.9	24
48	Recombinant human CXCL8(3-72)K11R/G31P regulates smooth muscle cell proliferation and migration through blockage of interleukin-8 receptor. <i>IUBMB Life</i> , <b>2013</b> , 65, 67-75	4.7	21
47	A novel ELR-CXC chemokine antagonist reduces intestinal ischemia reperfusion-induced mortality, and local and remote organ injury. <i>Journal of Surgical Research</i> , <b>2010</b> , 162, 264-73	2.5	21
46	A new protocol for high-yield purification of recombinant human CXCL8((3-72))K11R/G31P expressed in Escherichia coli. <i>Protein Expression and Purification</i> , <b>2008</b> , 61, 65-72	2	21
45	G31P, an antagonist against CXC chemokine receptors 1 and 2, inhibits growth of human prostate cancer cells in nude mice. <i>Tohoku Journal of Experimental Medicine</i> , <b>2012</b> , 228, 147-56	2.4	20
44	Temporal localization of immunoreactive transforming growth factor beta1 in normal equine skin and in full-thickness dermal wounds. <i>Veterinary Surgery</i> , <b>2002</b> , 31, 274-80	1.7	18
43	IL-8((3-73))K11R is a high affinity agonist of the neutrophil CXCR1 and CXCR2. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 286, 595-600	3.4	18
42	Can gestational hypertension be modified by treating nocturnal airflow limitation?. <i>Journal of Clinical Sleep Medicine</i> , <b>2013</b> , 9, 311-7	3.1	18
41	ELR-CXC chemokine antagonism is neuroprotective in a rat model of ischemic stroke. <i>Neuroscience Letters</i> , <b>2015</b> , 606, 117-22	3.3	17
40	IL-8 antagonist, CXCL8(3-72)K11R/G31P coupled with probiotic exhibit variably enhanced therapeutic potential in ameliorating ulcerative colitis. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 103, 253-261	7.5	17
39	Regulatory dendritic cell expression of MHCII and IL-10 are jointly requisite for induction of tolerance in a murine model of OVA-asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 68, 1126-35	9.3	17
38	G31P, CXCR1/2 inhibitor, with cisplatin inhibits the growth of mice hepatocellular carcinoma and mitigates high-dose cisplatin-induced nephrotoxicity. <i>Oncology Reports</i> , <b>2015</b> , 33, 751-7	3.5	17
37	SB225002 promotes mitotic catastrophe in chemo-sensitive and -resistant ovarian cancer cells independent of p53 status in vitro. <i>PLoS ONE</i> , <b>2013</b> , 8, e54572	3.7	17

36	Antigen specificity acquisition of adoptive CD4+ regulatory T cells via acquired peptide-MHC class I complexes. <i>Journal of Immunology</i> , <b>2008</b> , 181, 2428-37	5.3	15
35	The effect of early-life stress on airway inflammation in adult mice. <i>NeuroImmunoModulation</i> , <b>2010</b> , 17, 229-39	2.5	14
34	Promotion of mouse fibroblast proliferation by IgE-dependent activation of mouse mast cells: role for mast cell tumor necrosis factor-alpha and transforming growth factor-beta 1. <i>Journal of Allergy and Clinical Immunology</i> , <b>1997</b> , 99, 113-23	11.5	14
33	Blockade of neutrophil responses in aspiration pneumonia via ELR-CXC chemokine antagonism does not predispose to airway bacterial outgrowth. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2010</b> , 23, 22-8	3.5	13
32	Combined CXCR1/CXCR2 antagonism decreases radiation-induced alveolitis in the mouse. <i>Radiation Research</i> , <b>2011</b> , 175, 657-64	3.1	13
31	Innate resistance to experimental <i>Trypanosoma congolense</i> infection: differences in IL-10 synthesis by macrophage cell lines from resistant and susceptible inbred mice. <i>Parasite Immunology</i> , <b>1999</b> , 21, 119-23	2.2	13
30	CXCR1/CXCR2 antagonist G31P inhibits nephritis in a mouse model of uric acid nephropathy. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 107, 1142-1150	7.5	13
29	Rapamycin reduces fibroblast proliferation without causing quiescence and induces STAT5A/B-mediated cytokine production. <i>Nucleus</i> , <b>2015</b> , 6, 490-506	3.9	12
28	Humanized forms of the CXCR1/CXCR2 antagonist, bovine CXCL8((3-74))K11R/G31P, effectively block ELR-CXC chemokine activity and airway endotoxemia pathology. <i>International Immunopharmacology</i> , <b>2007</b> , 7, 1723-31	5.8	12
27	Regulatory Dendritic Cells, T Cell Tolerance, and Dendritic Cell Therapy for Immunologic Disease. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 633436	8.4	12
26	Fractionation of swine barn dust and assessment of its impact on the respiratory tract following repeated airway exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2010</b> , 73, 1090-101	3.2	11
25	Temporomandibular joint cytokine profiles in the horse. <i>Journal of Veterinary Dentistry</i> , <b>2006</b> , 23, 83-8	1	11
24	Transtracheal administration of interleukin-12 induces neutrophil responses in the murine lung. <i>Journal of Interferon and Cytokine Research</i> , <b>2000</b> , 20, 191-5	3.5	11
23	Amelioration of pathology by ELR-CXC chemokine antagonism in a swine model of airway endotoxin exposure. <i>Journal of Agromedicine</i> , <b>2009</b> , 14, 235-41	1.9	10
22	IL-8 analogue CXCL8 (3-72) K11R/G31P, modulates LPS-induced inflammation via AKT1-NF- $\kappa$ B and ERK1/2-AP-1 pathways in THP-1 monocytes. <i>Human Immunology</i> , <b>2018</b> , 79, 809-816	2.3	9
21	Mast cells: immunologically specific effectors and potential sources of multiple cytokines during IgE-dependent responses. <i>Novartis Foundation Symposium</i> , <b>1989</b> , 147, 53-65; discussion 65-73		9
20	CXCR1/CXCR2 antagonist CXCL8(3-74)K11R/G31P blocks lung inflammation in swine barn dust-instilled mice. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2015</b> , 31, 55-62	3.5	8
19	Compound CVT-E002 attenuates allergen-induced airway inflammation and airway hyperresponsiveness, in vivo. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55, 1905-8	5.9	8



18	ELR-CXC chemokine antagonism and cisplatin co-treatment additively reduce H22 hepatoma tumor progression and ameliorate cisplatin-induced nephrotoxicity. <i>Oncology Reports</i> , <b>2014</b> , 31, 1599-604	3.5	7
17	CXCR1/CXCR2 antagonism is effective in pulmonary defense against Klebsiella pneumoniae infection. <i>BioMed Research International</i> , <b>2013</b> , 2013, 720975	3	7
16	Cytotoxic effect of interleukin-8 in retinal ganglion cells and its possible mechanisms. <i>International Journal of Ophthalmology</i> , <b>2018</b> , 11, 1277-1283	1.4	7
15	Clinical and associated inflammatory biomarker features predictive of short-term outcomes in non-systemic juvenile idiopathic arthritis. <i>Rheumatology</i> , <b>2020</b> , 59, 2402-2411	3.9	6
14	Nonspecific Activation of Complement Factor 5 by Isolated Dermacentor andersoni Salivary Antigens. <i>Journal of Parasitology</i> , <b>1991</b> , 77, 296	0.9	6
13	FcRI-induced Cytokine Production and Gene Expression. <i>Molecular Biology Intelligence Unit</i> , <b>1997</b> , 209-242		6
12	Effects of K11R and G31P Mutations on the Structure and Biological Activities of CXCL8: Solution Structure of Human CXCL8K11R/G31P. <i>Molecules</i> , <b>2017</b> , 22,	4.8	4
11	Identification of Escherichia coli F4ac-binding proteins in porcine milk fat globule membrane. <i>Canadian Journal of Veterinary Research</i> , <b>2015</b> , 79, 120-8	0.5	4
10	Associations of clinical and inflammatory biomarker clusters with juvenile idiopathic arthritis categories. <i>Rheumatology</i> , <b>2020</b> , 59, 1066-1075	3.9	4
9	Stimulation of tyrosine phosphorylation without inositol lipid hydrolysis in human B lymphocytes on engaging CD72. <i>FEBS Letters</i> , <b>1993</b> , 319, 212-6	3.8	3
8	Contributions of direct versus indirect mechanisms for regulatory dendritic cell suppression of asthmatic allergen-specific IgG1 antibody responses. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190414	3.7	2
7	Buoyant density characterization of neoplastic cell populations in patients with chronic B-lymphocytic leukemia. <i>European Journal of Haematology</i> , <b>1988</b> , 40, 142-8	3.8	2
6	Atopy risk among school-aged children in relation to early exposures to a farm environment: A systematic review. <i>Respiratory Medicine</i> , <b>2021</b> , 186, 106378	4.6	1
5	CD40 signaling augments IL-10 expression and the tolerogenicity of IL-10-induced regulatory dendritic cells. <i>PLoS ONE</i> , <b>2021</b> , 16, e0248290	3.7	0
4	ELR+CXC Chemokine Antagonist Targets Neutrophilic Pathology at Multiple Levels. <i>FASEB Journal</i> , <b>2008</b> , 22, 440-440	0.9	
3	Deficiency of Leukocyte-Specific Protein 1 (LSP1) Alleviates Asthma in a Mouse Model. <i>FASEB Journal</i> , <b>2018</b> , 32, 15.3	0.9	
2	Soluble Low-density Lipoprotein Receptor-related Protein 1 in Juvenile Idiopathic Arthritis. <i>Journal of Rheumatology</i> , <b>2021</b> , 48, 760-766	4.1	
1	IL-10- and retinoic acid-induced regulatory IL-10 dendritic cells are therapeutically equivalent in mouse models of asthma and food allergy. <i>AIMS Allergy and Immunology</i> , <b>2021</b> , 5, 73-91	0.5	

