John R Gordon

List of Publications by Year in descending order

109 papers	6,049 citations	81900 39 h-index	74163 75 g-index
109 all docs	109 docs citations	109 times ranked	5726 citing authors

#	Article	IF	Citations
1	Mast cells as a source of both preformed and immunologically inducible TNF-Î±/cachectin. Nature, 1990, 346, 274-276.	27.8	935
2	Mast cells as a source of multifunctional cytokines. Trends in Immunology, 1990, 11, 458-464.	7.5	689
3	Cytokine production by mast cells and basophils. Current Opinion in Immunology, 1991, 3, 865-873.	5.5	320
4	The functional significance behind expressing two ILâ€“8 receptor types on PMN. Journal of Leukocyte Biology, 2009, 86, 529-543.	3.3	223
5	Recombinant human interleukin 5 is an eosinophil differentiation factor but has no activity in standard human B cell growth factor assays. European Journal of Immunology, 1987, 17, 1743-1750.	2.9	172
6	Regulatory Dendritic Cells for Immunotherapy in Immunologic Diseases. Frontiers in Immunology, 2014, 5, 7.	4.8	154
7	Proinflammatory and proapoptotic effects of methylglyoxal on neutrophils from patients with type 2 diabetes mellitus. Clinical Biochemistry, 2007, 40, 1232-1239.	1.9	119
8	Interleukin-8 induction by the environmental contaminant benzo(a)pyrene is aryl hydrocarbon receptor-dependent and leads to lung inflammation. Toxicology Letters, 2008, 177, 130-137.	0.8	112
9	Proteinase-activated receptor 2 activation in the airways enhances antigen-mediated airway inflammation and airway hyperresponsiveness through different pathways. Journal of Allergy and Clinical Immunology, 2005, 115, 623-630.	2.9	107
10	Expression of transforming growth factor [beta], [beta], and basic fibroblast growth factor in full-thickness skin wounds of equine limbs and thorax. Veterinary Surgery, 2001, 30, 269-277.	1.0	103
11	Evidence for an association between CD23 and the receptor for a low molecular weight B cell growth factor. European Journal of Immunology, 1986, 16, 1627-1630.	2.9	100
12	Opposing Effects of Short- and Long-term Stress on Airway Inflammation. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 220-226.	5.6	95
13	Tolerogenic Dendritic Cells Induce CD4+CD25hiFoxp3+ Regulatory T Cell Differentiation from CD4+CD25â^'/loFoxp3â^' Effector T Cells. Journal of Immunology, 2010, 185, 5003-5010.	0.8	91
14	Mucosal Allergic Sensitization to Cockroach Allergens Is Dependent on Proteinase Activity and Proteinase-Activated Receptor-2 Activation. Journal of Immunology, 2011, 186, 3164-3172.	0.8	87
15	Proteinase-Activated Receptor-2 Promotes Allergic Sensitization to an Inhaled Antigen through a TNF-Mediated Pathway. Journal of Immunology, 2007, 179, 2910-2917.	0.8	81
16	Mast cell tryptase release and asthmatic responses to allergen increase with regular use of salbutamol. Journal of Allergy and Clinical Immunology, 2000, 106, 57-64.	2.9	80
17	Synergistic interaction between interleukin 4 and anti-Bp50 (CDw40) revealed in a novel B cell restimulation assay. European Journal of Immunology, 1987, 17, 1535-1538.	2.9	68
18	Preliminary observations on expression of transforming growth factors [beta]1 and [beta]3 in equine full-thickness skin wounds healing normally or with exuberant granulation tissue. Veterinary Surgery, 2002, 31, 266-273.	1.0	65

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19	Soluble CD23 is released by B lymphocytes cycling in response to interleukin 4 and anti-Bp50 (CDw40). European Journal of Immunology, 1988, 18, 349-353.	2.9	64
20	Production and functional characterization of recombinant bovine interleukin-8 as a specific neutrophil activator and chemoattractant. Veterinary Immunology and Immunopathology, 1999, 67, 327-340.	1.2	64
21	Lymphotactin Expression by Engineered Myeloma Cells Drives Tumor Regression: Mediation by CD4+ and CD8+ T Cells and Neutrophils Expressing XCR1 Receptor. Journal of Immunology, 2001, 167, 57-65.	0.8	64
22	INNATE RESISTANCE TO EXPERIMENTAL AFRICAN TRYPANOSOMIASIS: DIFFERENCES IN CYTOKINE (TNF-Î±, IL-6,) Tj ETQq0 0 0 rgBT /Ove SUSCEPTIBLE MICE. Cytokine, 2000, 12, 1024-1034.	3.2	63
23	CD4â^'8â^' Dendritic Cells Prime CD4+ T Regulatory 1 Cells to Suppress Antitumor Immunity. Journal of Immunology, 2005, 175, 2931-2937.	0.8	61
24	Induction of Type 2 T Helper Cell Allergen Tolerance by IL-10â€“Differentiated Regulatory Dendritic Cells. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 190-199.	2.9	61
25	Analyzing Mast Cell Development and Function Using Mice Carrying Mutations at W/c-kit or Sl/MGF (SCF) Loci. Annals of the New York Academy of Sciences, 1992, 664, 69-88.	3.8	56
26	Factors modifying survival pathways of germinal center B cells. Glucocorticoids and transforming growth factor-Î², but not cyclosporin A or anti-CD19, block surface immunoglobulin-mediated rescue from apoptosis. European Journal of Immunology, 1992, 22, 2725-2728.	2.9	56
27	Innate Resistance to Trypanosoma congolense Infections: Differential Production of Nitric Oxide by Macrophages from Susceptible BALB/c and Resistant C57Bl/6 Mice. Experimental Parasitology, 1999, 92, 131-143.	1.2	56
28	Neutrophils and B Cells Express XCR1 Receptor and Chemotactically Respond to Lymphotactin. Biochemical and Biophysical Research Communications, 2001, 281, 378-382.	2.1	56
29	Analysis of the Gene Expression Profiles of Immature versus Mature Bone Marrow-Derived Dendritic Cells Using DNA Arrays. Biochemical and Biophysical Research Communications, 2002, 290, 66-72.	2.1	56
30	Behavioral alterations in rat offspring following maternal immune activation and ELR-CXC chemokine receptor antagonism during pregnancy: Implications for neurodevelopmental psychiatric disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 57, 155-165.	4.8	56
31	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. Immunology, 2003, 108, 177-188.	4.4	54
32	Thrombin Induces IL-6 but Not TNFÎ± Secretion by Mouse Mast Cells: Threshold-Level Thrombin Receptor and Very Low Level FcÏµRI Signaling Synergistically Enhance IL-6 Secretion. Cellular Immunology, 2000, 205, 128-135.	3.0	52
33	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. Oncotarget, 2015, 6, 21315-21327.	1.8	51
34	Prospective Analysis of the Effects of Maternal Immune Activation on Rat Cytokines during Pregnancy and Behavior of the Male Offspring Relevant to Schizophrenia. ENeuro, 2018, 5, ENEURO.0249-18.2018.	1.9	48
35	Mast Cell Cytokines in Allergy and Inflammation. , 1993, 43, 209-220.		48
36	Synergistic enhancement of antitumor immunity with adoptively transferred tumor-specific CD4+ and CD8+ T cells and intratumoral lymphotactin transgene expression. Cancer Research, 2002, 62, 2043-51.	0.9	48

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37	CXCL8(3â€“73)K11R/G31P antagonizes ligand binding to the neutrophil CXCR1 and CXCR2 receptors and cellular responses to CXCL8/IL-8. Biochemical and Biophysical Research Communications, 2002, 293, 939-944.	2.1	47
38	The combined CXCR1/CXCR2 antagonist CXCL8(3â€“74)K11R/G31P blocks neutrophil infiltration, pyrexia, and pulmonary vascular pathology in endotoxemic animals. Journal of Leukocyte Biology, 2005, 78, 1265-1272.	3.3	46
39	Regulatory Dendritic Cells, T Cell Tolerance, and Dendritic Cell Therapy for Immunologic Disease. Frontiers in Immunology, 2021, 12, 633436.	4.8	45
40	ELR-CXC Chemokine Receptor Antagonism Targets Inflammatory Responses at Multiple Levels. Journal of Immunology, 2009, 182, 3213-3222.	0.8	44
41	Systematic Review of Respiratory Health Among Dairy Workers. Journal of Agromedicine, 2013, 18, 219-243.	1.5	44
42	CD8Î±+, but Not CD8Î±â^', 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. Journal of Immunology, 2005, 175, 1516-1522.	0.8	43
43	Metformin inhibits the development, and promotes the resensitization, of treatment-resistant breast cancer. PLoS ONE, 2017, 12, e0187191.	2.5	40
44	DNA Array and Biological Characterization of the Impact of the Maturation Status of Mouse Dendritic Cells on Their Phenotype and Antitumor Vaccination Efficacy. Cellular Immunology, 2001, 214, 60-71.	3.0	39
45	Maintenance of Human Germinal Center B Cells In Vitro. Blood, 1997, 89, 919-928.	1.4	37
46	Therapeutic reversal of food allergen sensitivity by mature retinoic acidâ€“differentiated dendritic cell induction of LAG3+CD49bâ^'Foxp3â^' regulatory TÂcells. Journal of Allergy and Clinical Immunology, 2017, 139, 1608-1620.e3.	2.9	36
47	Monocyte chemoattractant peptide-1 expression during cutaneous allergic reactions in mice is mast cell dependent and largely mediates the monocyte recruitment response. Journal of Allergy and Clinical Immunology, 2000, 106, 110-116.	2.9	35
48	Comparison of Induced versus Natural Regulatory T Cells of the Same TCR Specificity for Induction of Tolerance to an Environmental Antigen. Journal of Immunology, 2013, 191, 1136-1143.	0.8	35
49	CXCL8 Antagonist Improves Diabetic Nephropathy in Male Mice With Diabetes and Attenuates High Glucoseâ€“Induced Mesangial Injury. Endocrinology, 2017, 158, 1671-1684.	2.8	34
50	Anti-proliferative effects of interferons on Daudiburkitt Lymphoma cells: Induction of cell differentiation and loss of response to autocrine growth factors. International Journal of Cancer, 1987, 40, 53-57.	5.1	33
51	TGFÎ²1 and TNFÎ± Secreted by Mast Cells Stimulated via the FcÏµRI Activate Fibroblasts for High-Level Production of Monocyte Chemoattractant Protein-1 (MCP-1). Cellular Immunology, 2000, 201, 42-49.	3.0	31
52	DNA microarray analysis of the gene expression profiles of naÄ±Ì^ve versus activated tumor-specific T cells. Life Sciences, 2002, 71, 3005-3017.	4.3	31
53	IL-8 antagonist, CXCL8(3-72)K11R/G31P coupled with probiotic exhibit variably enhanced therapeutic potential in ameliorating ulcerative colitis. Biomedicine and Pharmacotherapy, 2018, 103, 253-261.	5.6	31
54	Induction of Prolonged Asthma Tolerance by IL-10â€“Differentiated Dendritic Cells: Differential Impact on Airway Hyperresponsiveness and the Th2 Immunoinflammatory Response. Journal of Immunology, 2012, 189, 72-79.	0.8	30

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55	An inherited deficiency of the third component of complement, C3, in guinea pigs. European Journal of Immunology, 1986, 16, 7-11.	2.9	29
56	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. Veterinary Immunology and Immunopathology, 2002, 90, 65-77.	1.2	29
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. Developmental and Comparative Immunology, 2006, 30, 723-734.	2.3	29
58	Advances in Dendritic Cell-Based Vaccine of Cancer. Cancer Biotherapy and Radiopharmaceuticals, 2002, 17, 601-619.	1.0	28
59	Regular salbutamol use increases CXCL8 responses in asthma: relationship to the eosinophil response. European Respiratory Journal, 2003, 22, 118-126.	6.7	27
60	Direct in vivo evidence of CD4+ T cell requirement for CTL response and memory via pMHC-I targeting and CD40L signaling. Journal of Leukocyte Biology, 2012, 92, 289-300.	3.3	27
61	Induction of Pulmonary Allergen-Specific IgA Responses or Airway Hyperresponsiveness in the Absence of Allergic Lung Disease Following Sensitization with Limiting Doses of Ovalbuminâ€“Alum. Cellular Immunology, 2001, 212, 101-109.	3.0	25
62	A Novel ELR-CXC Chemokine Antagonist Reduces Intestinal Ischemia Reperfusion-Induced Mortality, and Local and Remote Organ Injury. Journal of Surgical Research, 2010, 162, 264-273.	1.6	25
63	G31P, an Antagonist against CXC Chemokine Receptors 1 and 2, Inhibits Growth of Human Prostate Cancer Cells in Nude Mice. Tohoku Journal of Experimental Medicine, 2012, 228, 147-156.	1.2	23
64	Regulatory dendritic cell expression of <scp>MHC</scp>II and <scp>IL</scp>â€10 are jointly requisite for induction of tolerance in a murine model of <scp>OVA</scp>â€asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 1126-1135.	5.7	23
65	Recombinant human CXCL8(3â€72)K11R/G31P regulates smooth muscle cell proliferation and migration through blockage of interleukinâ€8 receptor. IUBMB Life, 2013, 65, 67-75.	3.4	23
66	Can gestational Hypertension Be modified By Treating nocturnal airflow Limitation?. Journal of Clinical Sleep Medicine, 2013, 09, 311-317.	2.6	23
67	Promotion of mouse fibroblast proliferation by IgE-dependent activation of mouse mast cells: Role for mast cell tumor necrosis factor-Î± and transforming growth factor-Î²1. Journal of Allergy and Clinical Immunology, 1997, 99, 113-123.	2.9	22
68	A new protocol for high-yield purification of recombinant human CXCL8(3â€“72)K11R/G31P expressed in Escherichia coli. Protein Expression and Purification, 2008, 61, 65-72.	1.3	21
69	G31P, CXCR1/2 inhibitor, with cisplatin inhibits the growth of mice hepatocellular carcinoma and mitigates high-dose cisplatin-induced nephrotoxicity. Oncology Reports, 2015, 33, 751-757.	2.6	21
70	ELR-CXC chemokine antagonism is neuroprotective in a rat model of ischemic stroke. Neuroscience Letters, 2015, 606, 117-122.	2.1	21
71	Temporal localization of immunoreactive transforming growth factor [beta]1 in normal equine skin and in full-thickness dermal wounds. Veterinary Surgery, 2002, 31, 274-280.	1.0	20
72	SB225002 Promotes Mitotic Catastrophe in Chemo-Sensitive and -Resistant Ovarian Cancer Cells Independent of p53 Status In Vitro. PLoS ONE, 2013, 8, e54572.	2.5	20

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73	IL-8(3â€“73)K11R Is a High Affinity Agonist of the Neutrophil CXCR1 and CXCR2. Biochemical and Biophysical Research Communications, 2001, 286, 595-600.	2.1	19
74	CXCR1/CXCR2 antagonist G31P inhibits nephritis in a mouse model of uric acid nephropathy. Biomedicine and Pharmacotherapy, 2018, 107, 1142-1150.	5.6	18
75	Antigen Specificity Acquisition of Adoptive CD4+ Regulatory T Cells via Acquired Peptide-MHC Class I Complexes. Journal of Immunology, 2008, 181, 2428-2437.	0.8	17
76	Rapamycin reduces fibroblast proliferation without causing quiescence and induces STAT5A/B-mediated cytokine production. Nucleus, 2015, 6, 490-506.	2.2	16
77	Mast Cells: Immunologically Specific Effectors and Potential Sources of Multiple Cytokines During IgEâ€Ðependent Responses. Novartis Foundation Symposium, 1989, 147, 53-73.	1.1	15
78	Innate resistance to experimental Trypanosoma congolense infection: differences in IL-10 synthesis by macrophage cell lines from resistant and susceptible inbred mice. Parasite Immunology, 1999, 21, 119-131.	1.5	14
79	The Effect of Early-Life Stress on Airway Inflammation in Adult Mice. NeuroImmunoModulation, 2010, 17, 229-239.	1.8	14
80	Combined CXCR1/CXCR2 Antagonism Decreases Radiation-Induced Alveolitis in the Mouse. Radiation Research, 2011, 175, 657-664.	1.5	14
81	Fractionation of Swine Barn Dust and Assessment of Its Impact on the Respiratory Tract Following Repeated Airway Exposure. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 1090-1101.	2.3	13
82	Blockade of neutrophil responses in aspiration pneumonia via ELR-CXC chemokine antagonism does not predispose to airway bacterial outgrowth. Pulmonary Pharmacology and Therapeutics, 2010, 23, 22-28.	2.6	13
83	IL-8 analogue CXCL8 (3-72) K11R/G31P, modulates LPS-induced inflammation via AKT1-NF-kÎ² and ERK1/2-AP-1 pathways in THP-1 monocytes. Human Immunology, 2018, 79, 809-816.	2.4	13
84	Temporomandibular Joint Cytokine Profiles in the Horse. Journal of Veterinary Dentistry, 2006, 23, 83-88.	0.3	12
85	Humanized forms of the CXCR1/CXCR2 antagonist, bovine CXCL8(3â€“74)K11R/G31P, effectively block ELRâ€“CXC chemokine activity and airway endotoxemia pathology. International Immunopharmacology, 2007, 7, 1723-1731.	3.8	12
86	Amelioration of Pathology by ELR-CXC Chemokine Antagonism in a Swine Model of Airway Endotoxin Exposure. Journal of Agromedicine, 2009, 14, 235-241.	1.5	12
87	Transtracheal Administration of Interleukin-12 Induces Neutrophil Responses in the Murine Lung. Journal of Interferon and Cytokine Research, 2000, 20, 191-196.	1.2	11
88	Clinical and associated inflammatory biomarker features predictive of short-term outcomes in non-systemic juvenile idiopathic arthritis. Rheumatology, 2020, 59, 2402-2411.	1.9	11
89	CXCR1/CXCR2 Antagonism Is Effective in Pulmonary Defense againstKlebsiella pneumoniaeInfection. BioMed Research International, 2013, 2013, 1-6.	1.9	10
90	ELR-CXC chemokine antagonism and cisplatin co-treatment additively reduce H22 hepatoma tumor progression and ameliorate cisplatin-induced nephrotoxicity. Oncology Reports, 2014, 31, 1599-1604.	2.6	9

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91	CXCR1/CXCR2 antagonist CXCL8(3-74)K11R/G31P blocks lung inflammation in swine barn dust-instilled mice. Pulmonary Pharmacology and Therapeutics, 2015, 31, 55-62.	2.6	9
92	Associations of clinical and inflammatory biomarker clusters with juvenile idiopathic arthritis categories. Rheumatology, 2020, 59, 1066-1075.	1.9	9
93	Nonspecific Activation of Complement Factor 5 by Isolated Dermacentor andersoni Salivary Antigens. Journal of Parasitology, 1991, 77, 296.	0.7	8
94	Compound CVTâ€E002 attenuates allergenâ€induced airway inflammation and airway hyperresponsiveness, in vivo. Molecular Nutrition and Food Research, 2011, 55, 1905-1908.	3.3	8
95	Cytotoxic effect of interleukin-8 in retinal ganglion cells and its possible mechanisms. International Journal of Ophthalmology, 2018, 11, 1277-1283.	1.1	8
96	FcÎµRI-induced Cytokine Production and Gene Expression. Molecular Biology Intelligence Unit, 1997, , 209-242.	0.2	7
97	Effects of K11R and G31P Mutations on the Structure and Biological Activities of CXCL8: Solution Structure of Human CXCL8(3-72)K11R/G31P. Molecules, 2017, 22, 1229.	3.8	5
98	Stimulation of tyrosine phosphorylation without inositol lipid hydrolysis in human B lymphocytes on engaging CD72. FEBS Letters, 1993, 319, 212-216.	2.8	4
99	Identification of Escherichia coli F4ac-binding proteins in porcine milk fat globule membrane. Canadian Journal of Veterinary Research, 2015, 79, 120-8.	0.2	4
100	Atopy risk among school-aged children in relation to early exposures to a farm environment: A systematic review. Respiratory Medicine, 2021, 186, 106378.	2.9	3
101	Deficiency of leukocyte-specific protein 1 (LSP1) alleviates asthmatic inflammation in a mouse model. Respiratory Research, 2022, 23, .	3.6	3
102	Buoyant density characterization of neoplastic cell populations in patients with chronic Bâ€lymphocytic leukemia. European Journal of Haematology, 1988, 40, 142-148.	2.2	2
103	Contributions of direct versus indirect mechanisms for regulatory dendritic cell suppression of asthmatic allergen-specific IgG1 antibody responses. PLoS ONE, 2018, 13, e0190414.	2.5	2
104	CD40 signaling augments IL-10 expression and the tolerogenicity of IL-10-induced regulatory dendritic cells. PLoS ONE, 2021, 16, e0248290.	2.5	2
105	Sixth International Symposium: Another Milestone in Agricultural-Rural Health and Safety. Journal of Agromedicine, 2009, 14, 80-81.	1.5	0
106	Soluble Low-density Lipoprotein Receptor-related Protein 1 in Juvenile Idiopathic Arthritis. Journal of Rheumatology, 2021, 48, 760-766.	2.0	0
107	IL-10- and retinoic acid-induced regulatory dendritic cells are therapeutically equivalent in mouse models of asthma and food allergy. AIMS Allergy and Immunology, 2021, 5, 73-91.	0.5	0
108	ELR+CXC Chemokine Antagonist Targets Neutrophilic Pathology at Multiple Levels. FASEB Journal, 2008, 22, 440-440.	0.5	0

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109	Deficiency of Leukocyteâ€Specific Protein 1 (LSP1) Alleviates Asthma in a Mouse Model. FASEB Journal, 2018, 32, 15.3.	0.5	0