

Jean F Regal

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,074
citations

471509

17
h-index

434195

31
g-index

72
all docs

72
docs citations

72
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	The complement system and adverse pregnancy outcomes. <i>Molecular Immunology</i> , 2015, 67, 56-70.	2.2	126
2	Pravastatin Attenuates Hypertension, Oxidative Stress, and Angiogenic Imbalance in Rat Model of Placental Ischemia-Induced Hypertension. <i>Hypertension</i> , 2013, 61, 1103-1110.	2.7	98
3	Activation of the aryl hydrocarbon receptor increases pulmonary neutrophilia and diminishes host resistance to influenza A virus. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L111-L124.	2.9	75
4	The Complement System and Preeclampsia. <i>Current Hypertension Reports</i> , 2017, 19, 87.	3.5	69
5	Dietary Phytoestrogens Have Anti-Inflammatory Activity in a Guinea Pig Model of Asthma. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 223, 372-378.	1.8	54
6	Essential Role of Complement in Pregnancy: From Implantation to Parturition and Beyond. <i>Frontiers in Immunology</i> , 2020, 11, 1681.	4.8	52
7	Complement activation is critical for placental ischemia-induced hypertension in the rat. <i>Molecular Immunology</i> , 2013, 56, 91-97.	2.2	44
8	Neutrophil Depletion Attenuates Placental Ischemia-Induced Hypertension in the Rat. <i>PLoS ONE</i> , 2015, 10, e0132063.	2.5	39
9	Arginase Activity Differs with Allergen in the Effector Phase of Ovalbumin- versus Trimellitic Anhydride-Induced Asthma. <i>Toxicological Sciences</i> , 2005, 88, 420-433.	3.1	33
10	Differential Effects of Complement Activation Products C3a and C5a on Cardiovascular Function in Hypertensive Pregnant Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 351, 344-351.	2.5	29
11	Minor role of the C3a receptor in systemic anaphylaxis in the guinea pig. <i>Immunopharmacology</i> , 2000, 46, 15-28.	2.0	23
12	Neonatal oxygen exposure alters airway hyperresponsiveness but not the response to allergen challenge in adult mice. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 180-186.	2.6	23
13	Trimellitic Anhydride-Induced Eosinophilia in a Mouse Model of Occupational Asthma. <i>Toxicology and Applied Pharmacology</i> , 2001, 175, 234-242.	2.8	22
14	Role of IgM and angiotensin II Type I receptor autoantibodies in local complement activation in placental ischemia-induced hypertension in the rat. <i>Molecular Immunology</i> , 2016, 78, 38-47.	2.2	19
15	The Development of Novel Approaches to the Identification of Chemical and Protein Respiratory Allergens. <i>ATLA Alternatives To Laboratory Animals</i> , 2008, 36, 591-598.	1.0	18
16	Indomethacin alters the effects of substance-P and VIP on isolated airway smooth muscle. <i>Peptides</i> , 1983, 4, 581-584.	2.4	17
17	Role of the complement system in pulmonary disorders. <i>Immunopharmacology</i> , 1997, 38, 17-25.	2.0	17
18	The Role of IgG1 and IgG2 in Trimellitic Anhydride-Induced Allergic Response in the Guinea Pig Lung. <i>Toxicology and Applied Pharmacology</i> , 1998, 150, 218-227.	2.8	17

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19	Trimellitic anhydride (TMA) dust induces airway obstruction and eosinophilia in non-sensitized guinea pigs. <i>Toxicology</i> , 2002, 178, 89-99.	4.2	17
20	Effect of nicotine on placental ischemia-induced complement activation and hypertension in the rat. <i>Journal of Immunotoxicology</i> , 2017, 14, 235-240.	1.7	17
21	Role of B1 and B2 lymphocytes in placental ischemia-induced hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H732-H742.	3.2	17
22	Reduced uterine perfusion pressure causes loss of pancreatic β -cell area but normal function in fetal rat offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1220-R1231.	1.8	16
23	Primary Prevention of Asthma: Age and Sex Influence Sensitivity to Allergen-Induced Airway Inflammation and Contribute to Asthma Heterogeneity in Guinea Pigs. <i>International Archives of Allergy and Immunology</i> , 2006, 141, 241-256.	2.1	15
24	C5a-Induced Histamine Release. <i>International Archives of Allergy and Immunology</i> , 1983, 72, 362-365.	2.1	14
25	Effect of adenosine on histamine release and atrioventricular conduction during guinea pig cardiac anaphylaxis.. <i>Circulation Research</i> , 1988, 62, 1147-1158.	4.5	13
26	Immunologic Effector Mechanisms in Animal Models of Occupational Asthma. <i>Journal of Immunotoxicology</i> , 2004, 1, 25-37.	1.7	13
27	The complement system in hypertension and renal damage in the Dahl SS rat. <i>Physiological Reports</i> , 2018, 6, e13655.	1.7	13
28	IgG vs IgE: Mediators of antigen-induced guinea pig tracheal contraction. <i>Immunopharmacology</i> , 1984, 8, 111-119.	2.0	12
29	Interactions between the complement and endothelin systems in normal pregnancy and following placental ischemia. <i>Molecular Immunology</i> , 2019, 114, 10-18.	2.2	12
30	IgG vs IgE: Mediators of antigen-induced guinea pig lung parenchymal contraction. <i>Immunopharmacology</i> , 1985, 10, 137-146.	2.0	11
31	Recombinant human C5a-induced bronchoconstriction in the guinea-pig: A histamine independent mechanism. <i>Pulmonary Pharmacology</i> , 1990, 3, 79-87.	0.6	10
32	Mediators of C5a-Induced Bronchoconstriction in the Guinea Pig. <i>International Archives of Allergy and Immunology</i> , 1987, 84, 414-423.	2.1	9
33	Systemic Complement System Depletion Does Not Inhibit Cellular Accumulation in Antihistamine Pretreated Allergic Guinea Pig Lung. <i>International Archives of Allergy and Immunology</i> , 1996, 109, 150-160.	2.1	9
34	Editorial: Innate Immunity in Normal and Adverse Pregnancy. <i>Frontiers in Immunology</i> , 2021, 12, 646596.	4.8	9
35	C5a/C5ades-Arg-induced increase in blood pressure in the guinea pig: role of thromboxane. <i>Immunopharmacology</i> , 1990, 19, 59-68.	2.0	8
36	Complement Activation in Pregnancy: Too Much of a Good Thing?. <i>Hypertension</i> , 2012, 60, 1114-1116.	2.7	8

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37	C5a-Induced Bronchoconstriction: Absence of a Role of Circulating White Blood Cells and Platelets. <i>International Archives of Allergy and Immunology</i> , 1988, 86, 196-200.	2.1	7
38	Enhancement of Antigen-Induced Bronchoconstriction in the Guinea Pig after Intravascular Complement Activation with Cobra Venom Factor. <i>International Archives of Allergy and Immunology</i> , 1990, 91, 86-94.	2.1	7
39	OZONE DIFFERENTIALLY MODULATES AIRWAY RESPONSIVENESS IN ATOPIC VERSUS NONATOPIC GUINEA PIGS. <i>Inhalation Toxicology</i> , 2002, 14, 431-457.	1.6	7
40	Dietary Phytoestrogens Have Anti-inflammatory Activity in a Guinea Pig Model of Asthma. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 223, 372-378.	1.8	7
41	C5a and antigen-induced tracheal contraction: Effect of a combination of an antihistamine and cyclo-oxygenase inhibitors. <i>International Journal of Immunopharmacology</i> , 1983, 5, 71-78.	1.1	6
42	Immunotoxicity of immunotherapeutic agents. <i>Seminars in Immunopathology</i> , 1985, 8, 347-359.	4.0	4
43	Relationship between Alterations in Atrial and Ventricular Histamine Content and Cardiac Function during Cardiac Anaphylaxis of Isolated Guinea Pig Hearts. <i>International Archives of Allergy and Immunology</i> , 1990, 91, 285-290.	2.1	4
44	Trimellitic Anhydride-Induced Cellular Infiltration into Guinea Pig Lung Varies with Age but Not Gender. <i>International Archives of Allergy and Immunology</i> , 2002, 127, 63-72.	2.1	4
45	Mechanisms of occupational asthma: Not all allergens are equal. <i>Environmental Health and Preventive Medicine</i> , 2007, 12, 165-171.	3.4	4
46	Radiotherapy: killing with complement. <i>Annals of Translational Medicine</i> , 2016, 4, 94-94.	1.7	4
47	Effect of C5a on isolated guinea pig atria. <i>Immunopharmacology</i> , 1985, 9, 27-31.	2.0	3
48	Cardiac Anaphylaxis in Isolated Guinea Pig Hearts Perfused at Constant Flow or Constant Pressure. <i>Experimental Biology and Medicine</i> , 1987, 185, 193-200.	2.4	3
49	The role of C5a in hypersensitivity reactions in the lung. <i>Pulmonary Pharmacology</i> , 1989, 2, 3-12.	0.6	3
50	Reduced Anaphylactic Responsiveness of Strain 2 Guinea Pigs. <i>Experimental Biology and Medicine</i> , 1991, 198, 838-845.	2.4	3
51	Down But Not Out. <i>Hypertension</i> , 2014, 64, 461-462.	2.7	3
52	Mediators of C5a-induced bronchoconstriction. <i>Agents and Actions</i> , 1987, 21, 363-365.	0.7	2
53	Murine Asthma Models. <i>Current Protocols in Toxicology</i> / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2004, 21, Unit18.3.	1.1	1
54	Contributions of Age and Sex to Heterogeneity of Symptoms and Effectiveness of Secondary Prevention Strategies in Asthma as Modeled in the Guinea Pig. <i>Journal of Immunotoxicology</i> , 2007, 4, 1-13.	1.7	1

#	ARTICLE	IF	CITATIONS
55	Reply to "Letter to the Editor: Importance of B cells in response to placental ischemia" American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H726-H728.	3.2	1
56	Neutrophil depletion attenuates placental ischemia-induced hypertension in rat. FASEB Journal, 2013, 27, 907.4.	0.5	1
57	Alterations in placental TGF- β signaling pathways in rats with placental ischemia-induced hypertension. FASEB Journal, 2013, 27, 907.7.	0.5	1
58	Role of Circulating White Blood Cells in the Enhancement of Antigen-Induced Bronchoconstriction after Intravascular Complement Activation with Cobra Venom Factor. Annals of the New York Academy of Sciences, 1991, 629, 388-391.	3.8	0
59	Neonatal Oxygen Exposure Alters Airway Hyperresponsiveness In Adult Mice But Does Not Exacerbate Allergen-Induced Inflammation. , 2012, , .		0
60	Immunotoxicology: Fifty years of global scientific progress. Journal of Immunotoxicology, 2012, 9, 339-340.	1.7	0
61	Of Risks and Ratios. Hypertension, 2014, 63, 210-211.	2.7	0
62	The Editor recommends this issue's articles to the reader. Pediatric Allergy and Immunology, 2014, 25, 109-109.	2.6	0
63	Endothelin modulation of local complement activation in pregnancy. Molecular Immunology, 2018, 102, 203.	2.2	0
64	Decreased Systemic Complement Activation Product C3a is Associated with a Reduction in Pancreatic β^2 Cell Area in Islets of Female Rat Offspring following Chronic Placental Ischemia-induced Hypertension. FASEB Journal, 2021, 35, .	0.5	0
65	Complement components C3a and C5a alter angiogenic balance in placental and endothelial cells (1084.11). FASEB Journal, 2014, 28, 1084.11.	0.5	0
66	Depletion of B1 and B2 lymphocytes in placental ischemia-induced hypertension in the rat. FASEB Journal, 2018, 32, 729.4.	0.5	0
67	Reduction in Pancreatic β^2 Cell Area is Associated with Increased Islet Macrophage Message in Female Rat Offspring following Chronic Placental Ischemia. FASEB Journal, 2020, 34, 1-1.	0.5	0
68	Returning to a "New Normal"™ in Regional Campus Research Laboratories during the COVID-19 Pandemic. Journal of Regional Medical Campuses, 2020, 3, .	0.1	0
69	Complement and Allergy. , 0, , 147-150.		0
70	Complement System. , 0, , 153-158.		0