Jean F Regal

List of Publications by Year
in descending order

70	1,074	471509 17	434195 31
papers	citations	h-index	g-index

72	72	72	1285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Editorial: Innate Immunity in Normal and Adverse Pregnancy. Frontiers in Immunology, 2021, 12, 646596.	4.8	9
2	Decreased Systemic Complement Activation Product C3a is Associated with a Reduction in Pancreatic Î² Cell Area in Islets of Female Rat Offspring following Chronic Placental Ischemiaâ€•induced Hypertension. FASEB Journal, 2021, 35, .	0.5	0
3	Essential Role of Complement in Pregnancy: From Implantation to Parturition and Beyond. Frontiers in Immunology, 2020, 11, 1681.	4.8	52
4	Reply to â€œLetter to the Editor: Importance of B cells in response to placental ischemiaâ€• American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H726-H728.	3.2	1
5	Reduction in Pancreatic Î² 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
6	Returning to a â€˜New Normalâ€™ in Regional Campus Research Laboratories during the COVID-19 Pandemic. Journal of Regional Medical Campuses, 2020, 3, .	0.1	0
7	Role of B1 and B2 lymphocytes in placental ischemia-induced hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H732-H742.	3.2	17
8	Interactions between the complement and endothelin systems in normal pregnancy and following placental ischemia. Molecular Immunology, 2019, 114, 10-18.	2.2	12
9	The complement system in hypertension and renal damage in the Dahl SS rat. Physiological Reports, 2018, 6, e13655.	1.7	13
10	Endothelin modulation of local complement activation in pregnancy. Molecular Immunology, 2018, 102, 203.	2.2	0
11	Reduced uterine perfusion pressure causes loss of pancreatic Î²-cell area but normal function in fetal rat offspring. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R1220-R1231.	1.8	16
12	Depletion of B1 and B2 lymphocytes in placental ischemiaâ€•induced hypertension in the rat. FASEB Journal, 2018, 32, 729.4.	0.5	0
13	The Complement System and Preeclampsia. Current Hypertension Reports, 2017, 19, 87.	3.5	69
14	Effect of nicotine on placental ischemia-induced complement activation and hypertension in the rat. Journal of Immunotoxicology, 2017, 14, 235-240.	1.7	17
15	Role of IgM and angiotensin II Type I receptor autoantibodies in local complement activation in placental ischemia-induced hypertension in the rat. Molecular Immunology, 2016, 78, 38-47.	2.2	19
16	Radiotherapy: killing with complement. Annals of Translational Medicine, 2016, 4, 94-94.	1.7	4
17	The complement system and adverse pregnancy outcomes. Molecular Immunology, 2015, 67, 56-70.	2.2	126
18	Neutrophil Depletion Attenuates Placental Ischemia-Induced Hypertension in the Rat. PLoS ONE, 2015, 10, e0132063.	2.5	39

#	Article	IF	Citations
19	Of Risks and Ratios. Hypertension, 2014, 63, 210-211.	2.7	0
20	The Editor recommends this issue's articles to the reader. Pediatric Allergy and Immunology, 2014, 25, 109-109.	2.6	0
21	Neonatal oxygen exposure alters airway hyperâ€responsiveness but not the response to allergen challenge in adult mice. Pediatric Allergy and Immunology, 2014, 25, 180-186.	2.6	23
22	Down But Not Out. Hypertension, 2014, 64, 461-462.	2.7	3
23	Differential Effects of Complement Activation Products C3a and C5a on Cardiovascular Function in Hypertensive Pregnant Rats. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 344-351.	2.5	29
24	Complement components C3a and C5a alter angiogenic balance in placental and endothelial cells (1084.11). FASEB Journal, 2014, 28, 1084.11.	0.5	0
25	Complement activation is critical for placental ischemia-induced hypertension in the rat. Molecular Immunology, 2013, 56, 91-97.	2.2	44
26	Pravastatin Attenuates Hypertension, Oxidative Stress, and Angiogenic Imbalance in Rat Model of Placental Ischemia-Induced Hypertension. Hypertension, 2013, 61, 1103-1110.	2.7	98
27	Neutrophil depletion attenuates placental ischemiaâ€induced hypertension in rat. FASEB Journal, 2013, 27, 907.4.	0.5	1
28	Alterations in placental TGFâ€beta signaling pathways in rats with placental ischemiaâ€induced hypertension. FASEB Journal, 2013, 27, 907.7.	0.5	1
29	Complement Activation in Pregnancy: Too Much of a Good Thing?. Hypertension, 2012, 60, 1114-1116.	2.7	8
30	Neonatal Oxygen Exposure Alters Airway Hyperresponsiveness In Adult Mice But Does Not Exacerbate Allergen-Induced Inflammation. , 2012, , .		0
31	Immunotoxicology: Fifty years of global scientific progress. Journal of Immunotoxicology, 2012, 9, 339-340.	1.7	0
32	The Development of Novel Approaches to the Identification of Chemical and Protein Respiratory Allergens. ATLA Alternatives To Laboratory Animals, 2008, 36, 591-598.	1.0	18
33	Contributions of Age and Sex to Heterogeneity of Symptoms and Effectiveness of Secondary Prevention Strategies in Asthma as Modeled in the Guinea Pig. Journal of Immunotoxicology, 2007, 4, 1-13.	1.7	1
34	Mechanisms of occupational asthma: Not all allergens are equal. Environmental Health and Preventive Medicine, 2007, 12, 165-171.	3.4	4
35	Primary Prevention of Asthma: Age and Sex Influence Sensitivity to Allergen-Induced Airway Inflammation and Contribute to Asthma Heterogeneity in Guinea Pigs. International Archives of Allergy and Immunology, 2006, 141, 241-256.	2.1	15
36	Activation of the aryl hydrocarbon receptor increases pulmonary neutrophilia and diminishes host resistance to influenza A virus. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L111-L124.	2.9	75

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37	Arginase Activity Differs with Allergen in the Effector Phase of Ovalbumin- versus Trimellitic Anhydride-Induced Asthma. Toxicological Sciences, 2005, 88, 420-433.	3.1	33
38	Immunologic Effector Mechanisms in Animal Models of Occupational Asthma. Journal of Immunotoxicology, 2004, 1, 25-37.	1.7	13
39	Murine Asthma Models. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2004, 21, Unit18.3.	1.1	1
40	Trimellitic Anhydride-Induced Cellular Infiltration into Guinea Pig Lung Varies with Age but Not Gender. International Archives of Allergy and Immunology, 2002, 127, 63-72.	2.1	4
41	OZONE DIFFERENTIALLY MODULATES AIRWAY RESPONSIVENESS IN ATOPIC VERSUS NONATOPIC GUINEA PIGS. Inhalation Toxicology, 2002, 14, 431-457.	1.6	7
42	Trimellitic anhydride (TMA) dust induces airway obstruction and eosinophilia in non-sensitized guinea pigs. Toxicology, 2002, 178, 89-99.	4.2	17
43	Trimellitic Anhydride-Induced Eosinophilia in a Mouse Model of Occupational Asthma. Toxicology and Applied Pharmacology, 2001, 175, 234-242.	2.8	22
44	Minor role of the C3a receptor in systemic anaphylaxis in the guinea pig. Immunopharmacology, 2000, 46, 15-28.	2.0	23
45	Dietary Phytoestrogens Have Anti-Inflammatory Activity in a Guinea Pig Model of Asthma. Proceedings of the Society for Experimental Biology and Medicine, 2000, 223, 372-378.	1.8	54
46	Dietary Phytoestrogens Have Antiâ€Inflammatory Activity in a Guinea Pig Model ofâ€ƒAsthma. Proceedings of the Society for Experimental Biology and Medicine, 2000, 223, 372-378.	1.8	7
47	The Role of IgG1 and IgG2 in Trimellitic Anhydride-Induced Allergic Response in the Guinea Pig Lung. Toxicology and Applied Pharmacology, 1998, 150, 218-227.	2.8	17
48	Role of the complement system in pulmonary disorders. Immunopharmacology, 1997, 38, 17-25.	2.0	17
49	Systemic Complement System Depletion Does Not Inhibit Cellular Accumulation in Antihistamine Pretreated Allergic Guinea Pig Lung. International Archives of Allergy and Immunology, 1996, 109, 150-160.	2.1	9
50	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
51	Reduced Anaphylactic Responsiveness of Strain 2 Guinea Pigs. Experimental Biology and Medicine, 1991, 198, 838-845.	2.4	3
52	Relationship between Alterations in Atrial and Ventricular Histamine Content and Cardiac Function during Cardiac Anaphylaxis of Isolated Guinea Pig Hearts. International Archives of Allergy and Immunology, 1990, 91, 285-290.	2.1	4
53	Enhancement of Antigen-Induced Bronchoconstriction in the Guinea Pig after Intravascular Complement Activation with Cobra Venom Factor. International Archives of Allergy and Immunology, 1990, 91, 86-94.	2.1	7
54	Recombinant human C5a-induced bronchoconstriction in the guinea-pig: A histamine independent mechanism. Pulmonary Pharmacology, 1990, 3, 79-87.	0.6	10

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55	C5a/C5ades-Arg-induced increase in blood pressure in the guinea pig: role of thromboxane. Immunopharmacology, 1990, 19, 59-68.	2.0	8
56	The role of C5a in hypersensitivity reactions in the lung. Pulmonary Pharmacology, 1989, 2, 3-12.	0.6	3
57	Effect of adenosine on histamine release and atrioventricular conduction during guinea pig cardiac anaphylaxis.. Circulation Research, 1988, 62, 1147-1158.	4.5	13
58	C5a-Induced Bronchoconstriction: Absence of a Role of Circulating White Blood Cells and Platelets. International Archives of Allergy and Immunology, 1988, 86, 196-200.	2.1	7
59	Cardiac Anaphylaxis in Isolated Guinea Pig Hearts Perfused at Constant Flow or Constant Pressure. Experimental Biology and Medicine, 1987, 185, 193-200.	2.4	3
60	Mediators of C5a-Induced Bronchoconstriction in the Guinea Pig. International Archives of Allergy and Immunology, 1987, 84, 414-423.	2.1	9
61	Mediators of C5a-induced bronchoconstriction. Agents and Actions, 1987, 21, 363-365.	0.7	2
62	IgG vs IgE: Mediators of antigen-induced guinea pig lung parenchymal contraction. Immunopharmacology, 1985, 10, 137-146.	2.0	11
63	Effect of C5a on isolated guinea pig atria. Immunopharmacology, 1985, 9, 27-31.	2.0	3
64	Immunotoxicity of immunotherapeutic agents. Seminars in Immunopathology, 1985, 8, 347-359.	4.0	4
65	IgG vs IgE: Mediators of antigen-induced guinea pig tracheal contraction. Immunopharmacology, 1984, 8, 111-119.	2.0	12
66	C5a and antigen-induced tracheal contraction: Effect of a combination of an antihistamine and cyclo-oxygenase inhibitors. International Journal of Immunopharmacology, 1983, 5, 71-78.	1.1	6
67	Indomethacin alters the effects of substance-P and VIP on isolated airway smooth muscle. Peptides, 1983, 4, 581-584.	2.4	17
68	C5a-Induced Histamine Release. International Archives of Allergy and Immunology, 1983, 72, 362-365.	2.1	14
69	Complement and Allergy. , 0, , 147-150.		0
70	Complement System. , 0, , 153-158.		0