

John S Clemmer

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8258488/john-s-clemmer-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

274
citations

12
h-index

15
g-index

55
ext. papers

324
ext. citations

2.9
avg, IF

3.34
L-index

#	Paper	IF	Citations
44	In silico trial of baroreflex activation therapy for the treatment of obesity-induced hypertension. <i>PLoS ONE</i> , 2021 , 16, e0259917	3.7	1
43	Questioning the renoprotective role of L-type calcium channel blockers in chronic kidney disease using physiological modeling. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 321, F548-F557	4.3	2
42	Physiological Modeling and Simulation-Validation, Credibility, and Application. <i>Annual Review of Biomedical Engineering</i> , 2020 , 22, 185-206	12	0
41	Racial and Sex Differences in the Response to First-Line Antihypertensive Therapy. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 608037	5.4	2
40	Sex-specific responses to mineralocorticoid receptor antagonism in hypertensive African American males and females. <i>Biology of Sex Differences</i> , 2019 , 10, 24	9.3	8
39	Early treatment with GLP-1 after severe trauma preserves renal function in obese Zucker rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R621-R627	3.2	1
38	Preeminent role of the cardiorenal axis in the antihypertensive response to an arteriovenous fistula: an in silico analysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H1002-H1012	5.2	2
37	Simulation of integrative physiology for medical education. <i>Morphologie</i> , 2019 , 103, 187-193	0.9	4
36	Role of the heart in blood pressure lowering during chronic baroreflex activation: insight from an in silico analysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H1368-H1382	5.2	7
35	Using a Physiological Model to Understand Water and Electrolyte Disturbances Following Transsphenoidal Pituitary Surgery. <i>FASEB Journal</i> , 2018 , 32, 880.2	0.9	
34	Computational Modeling of the Impact of Inflammation on Renal Hemodynamic Function. <i>FASEB Journal</i> , 2018 , 32, 870.9	0.9	
33	Reducing Disparities in the Treatment of Hypertension in African Americans Using Computational Modeling. <i>FASEB Journal</i> , 2018 , 32, 844.5	0.9	
32	Simulating a virtual population's sensitivity to salt and uninephrectomy. <i>Interface Focus</i> , 2018 , 8, 20160134	3.4	6
31	Mechanisms of blood pressure salt sensitivity: new insights from mathematical modeling. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 312, R451-R466	3.2	24
30	Physiologic Mechanisms of Water and Electrolyte Disturbances After Transsphenoidal Pituitary Surgery. <i>World Neurosurgery</i> , 2017 , 107, 429-436	2.1	15
29	Hyperglycemia-Mediated Oxidative Stress Increases Pulmonary Vascular Permeability. <i>Microcirculation</i> , 2016 , 23, 221-9	2.9	15
28	EXPERIMENTAL OBSERVATION OF HIGH STRAIN RATE RESPONSES OF PORCINE BRAIN, LIVER, AND TENDON. <i>Journal of Mechanics in Medicine and Biology</i> , 2016 , 16, 1650032	0.7	5

27	Predicting salt and diuretic sensitivity in a virtual population using topological data analysis. <i>FASEB Journal</i> , 2016 , 30, 1216.14	0.9	
26	OBESITY AND CRITICAL ILLNESS: INSIGHTS FROM ANIMAL MODELS. <i>Shock</i> , 2016 , 45, 349-58	3.4	28
25	Validation of an integrative mathematical model of dehydration and rehydration in virtual humans. <i>Physiological Reports</i> , 2016 , 4, e13015	2.6	8
24	Oxidative stress contributes to orthopedic trauma-induced acute kidney injury in obese rats. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F157-63	4.3	18
23	Glucose Homeostasis and Cardiovascular Alterations in Diabetes. <i>Comprehensive Physiology</i> , 2015 , 5, 1815-39	7.7	12
22	Obesity, Malnutrition, and the Response to Critical Illness. <i>Critical Care Medicine</i> , 2015 , 43, e321	1.4	4
21	Effects of Acute and Chronic Hyperglycemia on Lung Capillary Permeability. <i>FASEB Journal</i> , 2015 , 29, 863.22	0.9	1
20	Attenuation of Post-Trauma Hyperglycemia Prevents Acute Kidney Injury in Obese Rats. <i>FASEB Journal</i> , 2015 , 29, 800.6	0.9	
19	β ₂ -Adrenoreceptor blockade improves early posttrauma hyperglycemia and pulmonary injury in obese rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H621-7	5.2	13
18	Oxidative stress increases pulmonary vascular permeability in diabetic rats through activation of transient receptor potential melastatin 2 channels. <i>Microcirculation</i> , 2014 , 21, 754-60	2.9	12
17	Inhibition of NADPH oxidase prevents acute lung injury in obese rats following severe trauma. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H684-9	5.2	19
16	α ₂ -adrenergic regulation of stress hyperglycemia following hemorrhage in the obese Zucker rat. <i>Physiological Reports</i> , 2014 , 2, e12215	2.6	2
15	Reactive oxygen species and acute kidney injury after trauma in obese rats (859.2). <i>FASEB Journal</i> , 2014 , 28, 859.2	0.9	
14	Beta2-adrenoreceptor blockade reduces early post-trauma hyperglycemia and pulmonary injury in obese rats (859.1). <i>FASEB Journal</i> , 2014 , 28, 859.1	0.9	
13	Oxidative stress increases pulmonary capillary permeability in lean Zucker rats with chronic hyperglycemia (1153.6). <i>FASEB Journal</i> , 2014 , 28, 1153.6	0.9	
12	Pulmonary permeability after hemorrhage and resuscitation in the obese Zucker rat (1157.2). <i>FASEB Journal</i> , 2014 , 28, 1157.2	0.9	
11	Impaired blood pressure compensation following hemorrhage in conscious obese Zucker rats. <i>Life Sciences</i> , 2013 , 93, 214-219	6.8	12
10	A novel experimental model of orthopedic trauma with acute kidney injury in obese Zucker rats. <i>Physiological Reports</i> , 2013 , 1, e00097	2.6	7

- 9 Impaired vascular KATP function attenuates exercise capacity in obese Zucker rats. *Microcirculation*, **2013**, 20, 662-9 2.9 13
- 8 TNF- α mediated hyperglycemia in Obese Zucker rats following orthopedic trauma. *FASEB Journal*, **2013**, 27, 1154.14 0.9
- 7 Acute kidney injury following orthopedic trauma in obese Zucker rats. *FASEB Journal*, **2013**, 27, 1114.6 0.9
- 6 Hemorrhage-induced Hyperglycemia Improved with Acute TNF α blockade in the Obese Zucker Rat. *FASEB Journal*, **2013**, 27, 1193.4 0.9
- 5 Hemorrhage-induced increase in total peripheral resistance is blunted in conscious obese Zucker rats. *FASEB Journal*, **2013**, 27, 1193.5 0.9
- 4 Impaired Autonomic Regulation during Exercise in Obese Zucker Rats. *FASEB Journal*, **2013**, 27, 943.22 0.9
- 3 Autonomic Impairment During Severe Hemorrhage in Obese Zucker Rats. *FASEB Journal*, **2012**, 26, 853.27.9
- 2 Impaired Blood Pressure Compensation after Hemorrhage in Obesity. *FASEB Journal*, **2012**, 26, 684.23 0.9
- 1 A mechanistic study for strain rate sensitivity of rabbit patellar tendon. *Journal of Biomechanics*, **2010**, 43, 2785-91 2.9 31