Vidula Vachharajani

List of Publications by Year
in descending order

40	1,399	331259 21	344852 36
papers	citations	h-index	g-index

41	41	41	2027
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequential Actions of SIRT1-RELB-SIRT3 Coordinate Nuclear-Mitochondrial Communication during Immunometabolic Adaptation to Acute Inflammation and Sepsis. Journal of Biological Chemistry, 2015, 290, 396-408.	1.6	134
2	Adipose tissue: A motor for the inflammation associated with obesity. IUBMB Life, 2009, 61, 424-430.	1.5	133
3	GAPDH Binding to TNF-Î± mRNA Contributes to Posttranscriptional Repression in Monocytes: A Novel Mechanism of Communication between Inflammation and Metabolism. Journal of Immunology, 2016, 196, 2541-2551.	0.4	108
4	Epigenetics, bioenergetics, and microRNA coordinate gene-specific reprogramming during acute systemic inflammation. Journal of Leukocyte Biology, 2011, 90, 439-446.	1.5	88
5	Obesity Exacerbates Sepsisâ€Induced Inflammation and Microvascular Dysfunction in Mouse Brain. Microcirculation, 2005, 12, 183-194.	1.0	83
6	Re-evaluating the Fistula First Initiative in Octogenarians on Hemodialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 1663-1667.	2.2	71
7	Sirtuin-2 Regulates Sepsis Inflammation in ob/ob Mice. PLoS ONE, 2016, 11, e0160431.	1.1	51
8	Pyruvate dehydrogenase complex stimulation promotes immunometabolic homeostasis and sepsis survival. JCI Insight, 2018, 3, .	2.3	48
9	Epigenetic coordination of acute systemic inflammation: potential therapeutic targets. Expert Review of Clinical Immunology, 2014, 10, 1141-1150.	1.3	47
10	Hypertonic Saline and the Cerebral Microcirculation in Obese Septic Mice. Microcirculation, 2007, 14, 223-231.	1.0	43
11	Frontline Science: Monocytes sequentially rewire metabolism and bioenergetics during an acute inflammatory response. Journal of Leukocyte Biology, 2019, 105, 215-228.	1.5	42
12	Obesity and Sepsis. Journal of Intensive Care Medicine, 2006, 21, 287-295.	1.3	41
13	Adiponectinâ€Deficiency Exaggerates Sepsisâ€Induced Microvascular Dysfunction in the Mouse Brain. Obesity, 2012, 20, 498-504.	1.5	39
14	Sirtuins and Immuno-Metabolism of Sepsis. International Journal of Molecular Sciences, 2018, 19, 2738.	1.8	39
15	Epigenetic and metabolic programming of innate immunity in sepsis. Innate Immunity, 2019, 25, 267-279.	1.1	39
16	Influence of obesity on sepsis. Pathophysiology, 2008, 15, 123-134.	1.0	36
17	Glucocorticoids Inhibit the Cerebral Microvascular Dysfunction Associated with Sepsis in Obese Mice. Microcirculation, 2006, 13, 477-487.	1.0	35
18	Curcumin modulates leukocyte and platelet adhesion in murine sepsis.. Microcirculation, 2010, 17, 407-16.	1.0	33

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19	The Oxidative State of Cysteine Thiol 144 Regulates the SIRT6 Glucose Homeostat. Scientific Reports, 2017, 7, 11005.	1.6	33
20	Potential therapeutic action of nitrite in sickle cell disease. Redox Biology, 2017, 12, 1026-1039.	3.9	30
21	Safety of Phenylephrine Infusion Through Peripheral Intravenous Catheter in the Neurological Intensive Care Unit. Journal of Intensive Care Medicine, 2018, 33, 589-592.	1.3	24
22	Adiponectin treatment attenuates inflammatory response during early sepsis in obese mice. Journal of Inflammation Research, 2016, Volume 9, 167-174.	1.6	21
23	Sirtuin 2 Regulates Microvascular Inflammation during Sepsis. Journal of Immunology Research, 2017, 2017, 1-9.	0.9	21
24	Sirtuins: potential therapeutic targets for regulating acute inflammatory response?. Expert Opinion on Therapeutic Targets, 2020, 24, 489-497.	1.5	21
25	Cysteine thiol oxidation on SIRT2 regulates inflammation in obese mice with sepsis. Inflammation, 2019, 42, 156-169.	1.7	19
26	Sirtuin1 Targeting Reverses Innate and Adaptive Immune Tolerance in Septic Mice. Journal of Immunology Research, 2018, 2018, 1-13.	0.9	16
27	SIRT1 Mediates Septic Cardiomyopathy in a Murine Model of Polymicrobial Sepsis. Shock, 2020, 54, 96-101.	1.0	16
28	Erythrocytic bioactivation of nitrite and its potentiation by far-red light. Redox Biology, 2019, 20, 442-450.	3.9	13
29	Sirtuin 2 Dysregulates Autophagy in High-Fat-Exposed Immune-Tolerant Macrophages. Cells, 2021, 10, 731.	1.8	11
30	Brain RNA expression in obese vs lean mice after LPS-induced systemic inflammation. Frontiers in Bioscience - Landmark, 2004, 9, 2686.	3.0	10
31	Modulation of circulating cellâ€“endothelial cell interaction by erythropoietin in lean and obese mice with cecal ligation and puncture. Pathophysiology, 2010, 17, 9-18.	1.0	9
32	Association of Arterial pH With Hemodynamic Response to Vasopressin in Patients With Septic Shock: An Observational Cohort Study. , 2022, 4, e0634.		9
33	Catheter directed thrombolysis combined with ECMO for massive pulmonary emboli. Respiratory Medicine Case Reports, 2018, 25, 6-8.	0.2	7
34	Sirtuins and Sepsis: Cross Talk between Redox and Epigenetic Pathways. Antioxidants, 2022, 11, 3.	2.2	7
35	Differential RNA expression of hepatic tissue in lean and obese mice after LPS-induced systemic inflammation. Frontiers in Bioscience - Landmark, 2005, 10, 1828.	3.0	6
36	Hemodynamic Response to Vasopressin Dosage of 0.03 Units/Min vs. 0.04 Units/Min in Patients With Septic Shock. Journal of Intensive Care Medicine, 2022, 37, 92-99.	1.3	5

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37	Ethanol Exposure Attenuates Immune Response in Sepsis via Sirtuin 2 Expression. Alcoholism: Clinical and Experimental Research, 2021, 45, 338-350.	1.4	5
38	Obstacles for Clinical Monitoring in Hemodialysis Patients Because of Multiple Vascular Accesses. Seminars in Dialysis, 2010, 23, 114-116.	0.7	3
39	A circuitous detour. Kidney International, 2011, 79, 1383.	2.6	1
40	Epigenetics of Inflammation. , 2017, , 971-992.		0