Yugeesh R Lankadeva

List of Publications by Year
in descending order

54	1,893	304368 22	264894 42
papers	citations	h-index	g-index

54	54	54	1711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic responses of renal oxygenation at the onset of cardiopulmonary bypass in sheep and man. Perfusion (United Kingdom), 2022, 37, 624-632.	0.5	7
2	Role of perioperative hypotension in postoperative acute kidney injury: a narrative review. British Journal of Anaesthesia, 2022, 128, 931-948.	1.5	25
3	Influence of blood haemoglobin concentration on renal haemodynamics and oxygenation during experimental cardiopulmonary bypass in sheep. Acta Physiologica, 2021, 231, e13583.	1.8	15
4	Emerging benefits and drawbacks of Î±₂â€adrenoceptor agonists in the management of sepsis and critical illness. British Journal of Pharmacology, 2021, 178, 1407-1425.	2.7	22
5	The authors reply. Critical Care Medicine, 2021, 49, e479-e480.	0.4	0
6	Therapeutic potential of megadose vitamin C to reverse organ dysfunction in sepsis and COVIDâ€19. British Journal of Pharmacology, 2021, 178, 3864-3868.	2.7	24
7	Urinary and renal oxygenation during dexmedetomidine infusion in critically ill adults with mechanistic insights from an ovine model. Journal of Critical Care, 2021, 64, 74-81.	1.0	4
8	Targeting Oxidative Stress in Septic Acute Kidney Injury: From Theory to Practice. Journal of Clinical Medicine, 2021, 10, 3798.	1.0	28
9	Renal, Cardiac, and Autonomic Effects of Catheter-Based Renal Denervation in Ovine Heart Failure. Hypertension, 2021, 78, 706-715.	1.3	5
10	Reversal of the Pathophysiological Responses to Gram-Negative Sepsis by Megadose Vitamin C. Critical Care Medicine, 2021, 49, e179-e190.	0.4	36
11	Reversal of renal tissue hypoxia during experimental cardiopulmonary bypass in sheep by increased pump flow and arterial pressure. Acta Physiologica, 2021, 231, e13596.	1.8	16
12	Rapid and persistent decrease in brain tissue oxygenation in ovine gram-negative sepsis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R990-R996.	0.9	6
13	Renal and Cerebral Hypoxia and Inflammation During Cardiopulmonary Bypass. , 2021, 12, 2799-2834.		11
14	Renal hemodynamics and oxygenation during experimental cardiopulmonary bypass in sheep under total intravenous anesthesia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R206-R213.	0.9	24
15	Renal functional reserve: from physiological phenomenon to clinical biomarker and beyond. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R690-R702.	0.9	44
16	Sympathetic nerves control bacterial clearance. Scientific Reports, 2020, 10, 15009.	1.6	25
17	Beneficial Effects of Vasopressin Compared With Norepinephrine on Renal Perfusion, Oxygenation, and Function in Experimental Septic Acute Kidney Injury. Critical Care Medicine, 2020, 48, e951-e958.	0.4	21
18	Systemic haemodynamic, renal perfusion and renal oxygenation responses to changes in inspired oxygen fraction during total intravenous or volatile anaesthesia. British Journal of Anaesthesia, 2020, 125, 192-200.	1.5	22

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19	Prior Ablation of the Splanchnic Sympathetic Nerves Increases Plasma Inflammatory Cytokine Levels and Suppresses Bacteremia in Response to Systemically Administered E. coli in Sheep. FASEB Journal, 2020, 34, 1-1.	0.2	0
20	Cytokine and lipid metabolome effects of low-dose acetylsalicylic acid in critically ill patients with systemic inflammation: a pilot, feasibility, multicentre, randomised, placebo-controlled trial. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2020, 22, 227-236.	0.0	2
21	Sepsisâ€induced acute kidney injury: A disease of the microcirculation. Microcirculation, 2019, 26, e12483.	1.0	118
22	Effect of Furosemide on Urinary Oxygenation in Patients with Septic Shock. Blood Purification, 2019, 48, 336-345.	0.9	14
23	Dexmedetomidine reduces norepinephrine requirements and preserves renal oxygenation and function in ovine septic acute kidney injury. Kidney International, 2019, 96, 1150-1161.	2.6	38
24	Furosemide reverses medullary tissue hypoxia in ovine septic acute kidney injury. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R232-R239.	0.9	16
25	Blunted diuretic and natriuretic responses to acute sodium loading early after catheter-based renal denervation in normotensive sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R319-R327.	0.9	6
26	Factors that confound the prediction of renal medullary oxygenation and risk of acute kidney injury from measurement of bladder urine oxygen tension. Acta Physiologica, 2019, 227, e13294.	1.8	36
27	Strategies that improve renal medullary oxygenation during experimental cardiopulmonary bypass may mitigate postoperative acute kidneyÂinjury. Kidney International, 2019, 95, 1338-1346.	2.6	55
28	Renal Cortical Perfusion, Measured by Superb Microvascular Imaging, during Infusion of Norepinephrine in Experimental Cardiopulmonary Bypass. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1564-1565.	2.5	7
29	Vasoactive Drugs, Renal Function, and Acute Kidney Injury. , 2019, , 1344-1348.e2.		0
30	Renal Medullary Hypoxia: A New Therapeutic Target for Septic Acute Kidney Injury?. Seminars in Nephrology, 2019, 39, 543-553.	0.6	29
31	Renal perfusion, oxygenation, and sympathetic nerve activity during volatile or intravenous general anaesthesia in sheep. British Journal of Anaesthesia, 2019, 122, 342-349.	1.5	34
32	Effects of Fluid Bolus Therapy on Renal Perfusion, Oxygenation, and Function in Early Experimental Septic Kidney Injury. Critical Care Medicine, 2019, 47, e36-e43.	0.4	37
33	Effects of Clonidine on the Cardiovascular, Renal, and Inflammatory Responses to Experimental Bacteremia. Shock, 2019, 51, 348-355.	1.0	15
34	An Ovine Model for Studying the Pathophysiology of Septic Acute Kidney Injury. Methods in Molecular Biology, 2018, 1717, 207-218.	0.4	18
35	Urinary Oxygenation as a Surrogate Measure of Medullary Oxygenation During Angiotensin II Therapy in Septic Acute Kidney Injury. Critical Care Medicine, 2018, 46, e41-e48.	0.4	78
36	Renal haemodynamics and oxygenation during and after cardiac surgery and cardiopulmonary bypass. Acta Physiologica, 2018, 222, e12995.	1.8	69

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37	Alterations in regional kidney oxygenation during expansion of extracellular fluid volume in conscious healthy sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R1242-R1250.	0.9	12
38	Differential effects of isotonic and hypotonic 4% albumin solution on intracranial pressure and renal perfusion and function. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2018, 20, 48-53.	0.0	2
39	Acute kidney injury in sepsis. Intensive Care Medicine, 2017, 43, 816-828.	3.9	490
40	Histopathology of Septic Acute Kidney Injury: A Systematic Review of Experimental Data. Critical Care Medicine, 2016, 44, e897-e903.	0.4	62
41	Bladder urine oxygen tension for assessing renal medullary oxygenation in rabbits: experimental and modeling studies. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R532-R544.	0.9	33
42	Intrarenal and urinary oxygenation during norepinephrine resuscitation in ovine septic acuteÂkidney injury. Kidney International, 2016, 90, 100-108.	2.6	134
43	Hypoxia as a Biomarker of Kidney Disease. , 2016, , 83-105.		4
44	Response to Letters Regarding Article, â€œRenal Dysfunction Is Associated With a Reduced Contribution of Nitric Oxide and Enhanced Vasoconstriction After a Congenital Renal Mass Reduction in Sheepâ€• Circulation, 2015, 132, e195.	1.6	0
45	Clonidine Restores Pressor Responsiveness to Phenylephrine and Angiotensin II in Ovine Sepsis*. Critical Care Medicine, 2015, 43, e221-e229.	0.4	42
46	Renal Dysfunction Is Associated With a Reduced Contribution of Nitric Oxide and Enhanced Vasoconstriction After a Congenital Renal Mass Reduction in Sheep. Circulation, 2015, 131, 280-288.	1.6	23
47	Long-term measurement of renal cortical and medullary tissue oxygenation and perfusion in unanesthetized sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R832-R839.	0.9	55
48	Impaired ability to modulate glomerular filtration rate in aged female sheep following fetal uninephrectomy. Physiological Reports, 2014, 2, e00208.	0.7	6
49	Loss of a kidney during fetal life: long-term consequences and lessons learned. American Journal of Physiology - Renal Physiology, 2014, 306, F791-F800.	1.3	50
50	Effects of selective Î²1-adrenoceptor blockade on cardiovascular and renal function and circulating cytokines in ovine hyperdynamic sepsis. Critical Care, 2014, 18, 610.	2.5	26
51	Improvement in Renal Hemodynamics following Combined Angiotensin II Infusion and AT1R Blockade in Aged Female Sheep following Fetal Unilateral Nephrectomy. PLoS ONE, 2013, 8, e68036.	1.1	13
52	Increased Cardiovascular and Renal Risk Is Associated with Low Nephron Endowment in Aged Females: An Ovine Model of Fetal Unilateral Nephrectomy. PLoS ONE, 2012, 7, e42400.	1.1	16
53	Blunted Sodium Excretion in Response to a Saline Load in 5 Year Old Female Sheep Following Fetal Uninephrectomy. PLoS ONE, 2012, 7, e47528.	1.1	14
54	Update on vitamin C administration in critical illness. Current Opinion in Critical Care, 0, Publish Ahead of Print, .	1.6	4