

Yugeesh R Lankadeva

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,893
citations

304368

22
h-index

264894

42
g-index

54
all docs

54
docs citations

54
times ranked

1711
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute kidney injury in sepsis. <i>Intensive Care Medicine</i> , 2017, 43, 816-828.	3.9	490
2	Intrarenal and urinary oxygenation during norepinephrine resuscitation in ovine septic acute kidney injury. <i>Kidney International</i> , 2016, 90, 100-108.	2.6	134
3	Sepsis-induced acute kidney injury: A disease of the microcirculation. <i>Microcirculation</i> , 2019, 26, e12483.	1.0	118
4	Urinary Oxygenation as a Surrogate Measure of Medullary Oxygenation During Angiotensin II Therapy in Septic Acute Kidney Injury. <i>Critical Care Medicine</i> , 2018, 46, e41-e48.	0.4	78
5	Renal haemodynamics and oxygenation during and after cardiac surgery and cardiopulmonary bypass. <i>Acta Physiologica</i> , 2018, 222, e12995.	1.8	69
6	Histopathology of Septic Acute Kidney Injury: A Systematic Review of Experimental Data. <i>Critical Care Medicine</i> , 2016, 44, e897-e903.	0.4	62
7	Long-term measurement of renal cortical and medullary tissue oxygenation and perfusion in unanesthetized sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R832-R839.	0.9	55
8	Strategies that improve renal medullary oxygenation during experimental cardiopulmonary bypass may mitigate postoperative acute kidney injury. <i>Kidney International</i> , 2019, 95, 1338-1346.	2.6	55
9	Loss of a kidney during fetal life: long-term consequences and lessons learned. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F791-F800.	1.3	50
10	Renal functional reserve: from physiological phenomenon to clinical biomarker and beyond. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R690-R702.	0.9	44
11	Clonidine Restores Pressor Responsiveness to Phenylephrine and Angiotensin II in Ovine Sepsis*. <i>Critical Care Medicine</i> , 2015, 43, e221-e229.	0.4	42
12	Dexmedetomidine reduces norepinephrine requirements and preserves renal oxygenation and function in ovine septic acute kidney injury. <i>Kidney International</i> , 2019, 96, 1150-1161.	2.6	38
13	Effects of Fluid Bolus Therapy on Renal Perfusion, Oxygenation, and Function in Early Experimental Septic Kidney Injury. <i>Critical Care Medicine</i> , 2019, 47, e36-e43.	0.4	37
14	Factors that confound the prediction of renal medullary oxygenation and risk of acute kidney injury from measurement of bladder urine oxygen tension. <i>Acta Physiologica</i> , 2019, 227, e13294.	1.8	36
15	Reversal of the Pathophysiological Responses to Gram-Negative Sepsis by Megadose Vitamin C. <i>Critical Care Medicine</i> , 2021, 49, e179-e190.	0.4	36
16	Renal perfusion, oxygenation, and sympathetic nerve activity during volatile or intravenous general anaesthesia in sheep. <i>British Journal of Anaesthesia</i> , 2019, 122, 342-349.	1.5	34
17	Bladder urine oxygen tension for assessing renal medullary oxygenation in rabbits: experimental and modeling studies. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R532-R544.	0.9	33
18	Renal Medullary Hypoxia: A New Therapeutic Target for Septic Acute Kidney Injury?. <i>Seminars in Nephrology</i> , 2019, 39, 543-553.	0.6	29

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19	Targeting Oxidative Stress in Septic Acute Kidney Injury: From Theory to Practice. <i>Journal of Clinical Medicine</i> , 2021, 10, 3798.	1.0	28
20	Effects of selective β_1 -adrenoceptor blockade on cardiovascular and renal function and circulating cytokines in ovine hyperdynamic sepsis. <i>Critical Care</i> , 2014, 18, 610.	2.5	26
21	Sympathetic nerves control bacterial clearance. <i>Scientific Reports</i> , 2020, 10, 15009.	1.6	25
22	Role of perioperative hypotension in postoperative acute kidney injury: a narrative review. <i>British Journal of Anaesthesia</i> , 2022, 128, 931-948.	1.5	25
23	Renal hemodynamics and oxygenation during experimental cardiopulmonary bypass in sheep under total intravenous anesthesia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R206-R213.	0.9	24
24	Therapeutic potential of megadose vitamin C to reverse organ dysfunction in sepsis and COVID-19. <i>British Journal of Pharmacology</i> , 2021, 178, 3864-3868.	2.7	24
25	Renal Dysfunction Is Associated With a Reduced Contribution of Nitric Oxide and Enhanced Vasoconstriction After a Congenital Renal Mass Reduction in Sheep. <i>Circulation</i> , 2015, 131, 280-288.	1.6	23
26	Systemic haemodynamic, renal perfusion and renal oxygenation responses to changes in inspired oxygen fraction during total intravenous or volatile anaesthesia. <i>British Journal of Anaesthesia</i> , 2020, 125, 192-200.	1.5	22
27	Emerging benefits and drawbacks of β_2 -adrenoceptor agonists in the management of sepsis and critical illness. <i>British Journal of Pharmacology</i> , 2021, 178, 1407-1425.	2.7	22
28	Beneficial Effects of Vasopressin Compared With Norepinephrine on Renal Perfusion, Oxygenation, and Function in Experimental Septic Acute Kidney Injury. <i>Critical Care Medicine</i> , 2020, 48, e951-e958.	0.4	21
29	An Ovine Model for Studying the Pathophysiology of Septic Acute Kidney Injury. <i>Methods in Molecular Biology</i> , 2018, 1717, 207-218.	0.4	18
30	Increased Cardiovascular and Renal Risk Is Associated with Low Nephron Endowment in Aged Females: An Ovine Model of Fetal Unilateral Nephrectomy. <i>PLoS ONE</i> , 2012, 7, e42400.	1.1	16
31	Furosemide reverses medullary tissue hypoxia in ovine septic acute kidney injury. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R232-R239.	0.9	16
32	Reversal of renal tissue hypoxia during experimental cardiopulmonary bypass in sheep by increased pump flow and arterial pressure. <i>Acta Physiologica</i> , 2021, 231, e13596.	1.8	16
33	Effects of Clonidine on the Cardiovascular, Renal, and Inflammatory Responses to Experimental Bacteremia. <i>Shock</i> , 2019, 51, 348-355.	1.0	15
34	Influence of blood haemoglobin concentration on renal haemodynamics and oxygenation during experimental cardiopulmonary bypass in sheep. <i>Acta Physiologica</i> , 2021, 231, e13583.	1.8	15
35	Blunted Sodium Excretion in Response to a Saline Load in 5 Year Old Female Sheep Following Fetal Uninephrectomy. <i>PLoS ONE</i> , 2012, 7, e47528.	1.1	14
36	Effect of Furosemide on Urinary Oxygenation in Patients with Septic Shock. <i>Blood Purification</i> , 2019, 48, 336-345.	0.9	14

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37	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
38	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
39	Renal and Cerebral Hypoxia and Inflammation During Cardiopulmonary Bypass. , 2021, 12, 2799-2834.		11
40	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
41	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
42	Impaired ability to modulate glomerular filtration rate in aged female sheep following fetal uninephrectomy. Physiological Reports, 2014, 2, e00208.	0.7	6
43	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
44	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
45	Renal, Cardiac, and Autonomic Effects of Catheter-Based Renal Denervation in Ovine Heart Failure. Hypertension, 2021, 78, 706-715.	1.3	5
46	Hypoxia as a Biomarker of Kidney Disease. , 2016, , 83-105.		4
47	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
48	Update on vitamin C administration in critical illness. Current Opinion in Critical Care, 0, Publish Ahead of Print, .	1.6	4
49	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
50	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
51	Response to Letters Regarding Article, "Renal Dysfunction Is Associated With a Reduced Contribution of Nitric Oxide and Enhanced Vasoconstriction After a Congenital Renal Mass Reduction in Sheep" Circulation, 2015, 132, e195.	1.6	0
52	Vasoactive Drugs, Renal Function, and Acute Kidney Injury. , 2019, , 1344-1348.e2.		0
53	The authors reply. Critical Care Medicine, 2021, 49, e479-e480.	0.4	0
54	Prior Ablation of the Splanchnic Sympathetic Nerves Increases Plasma Inflammatory Cytokine Levels and Suppresses Bacteremia in Response to Systemically Administered <i>E. coli</i> in Sheep. FASEB Journal, 2020, 34, 1-1.	0.2	0