

Zaid Abassi

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

2,181
citations

218677

26
h-index

289244

40
g-index

97
all docs

97
docs citations

97
times ranked

3481
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lung Macrophage in SARS-CoV-2 Infection: A Friend or a Foe?. <i>Frontiers in Immunology</i> , 2020, 11, 1312.	4.8	143
2	Implications of the natriuretic peptide system in the pathogenesis of heart failure: diagnostic and therapeutic importance. , 2004, 102, 223-241.		135
3	Pulmonary hypertension in chronic dialysis patients with arteriovenous fistula: pathogenesis and therapeutic prospective. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 353-360.	2.0	84
4	Effects of spironolactone and eprosartan on cardiac remodeling and angiotensin-converting enzyme isoforms in rats with experimental heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1351-H1358.	3.2	79
5	Aortocaval Fistula in Rat: A Unique Model of Volume-Overload Congestive Heart Failure and Cardiac Hypertrophy. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-13.	3.0	76
6	Fluid loss, venous congestion, and worsening renal function in acute decompensated heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 637-643.	7.1	72
7	Can SGLT2 Inhibitors Cause Acute Renal Failure? Plausible Role for Altered Glomerular Hemodynamics and Medullary Hypoxia. <i>Drug Safety</i> , 2018, 41, 239-252.	3.2	71
8	Glycocalyx Degradation in Ischemia-Reperfusion Injury. <i>American Journal of Pathology</i> , 2020, 190, 752-767.	3.8	70
9	Acute-on-Chronic Renal Failure in the Rat: Functional Compensation and Hypoxia Tolerance. <i>American Journal of Nephrology</i> , 2006, 26, 22-33.	3.1	65
10	The biochemical pharmacology of renin inhibitors: Implications for translational medicine in hypertension, diabetic nephropathy and heart failure: Expectations and reality. <i>Biochemical Pharmacology</i> , 2009, 78, 933-940.	4.4	54
11	ACE2, COVID-19 Infection, Inflammation, and Coagulopathy: Missing Pieces in the Puzzle. <i>Frontiers in Physiology</i> , 2020, 11, 574753.	2.8	54
12	Is there an impact of the COVID-19 pandemic on male fertility? The ACE2 connection. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E878-E880.	3.5	49
13	Heparanase: A Potential New Factor Involved in the Renal Epithelial Mesenchymal Transition (EMT) Induced by Ischemia/Reperfusion (I/R) Injury. <i>PLoS ONE</i> , 2016, 11, e0160074.	2.5	47
14	Impact of pneumoperitoneum on renal perfusion and excretory function: beneficial effects of nitroglycerine. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 568-576.	2.4	44
15	Corin. <i>Current Opinion in Nephrology and Hypertension</i> , 2013, 22, 713-722.	2.0	44
16	Letter to the Editor: Angiotensin-converting enzyme 2: an ally or a Trojan horse? Implications to SARS-CoV-2-related cardiovascular complications. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1080-H1083.	3.2	43
17	Effects of Eprosartan on Renal Function and Cardiac Hypertrophy in Rats With Experimental Heart Failure. <i>Hypertension</i> , 1998, 32, 746-752.	2.7	42
18	Phosphodiesterase-5 inhibition attenuates early renal ischemia-reperfusion-induced acute kidney injury: assessment by quantitative measurement of urinary NGAL and KIM-1. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1099-F1104.	2.7	40

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19	Regulation of intrarenal blood flow in experimental heart failure: role of endothelin and nitric oxide. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 274, F766-F774.	2.7	38
20	Adverse effects of pneumoperitoneum on renal function: involvement of the endothelin and nitric oxide systems. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R842-R850.	1.8	38
21	Sensor arrays based on nanoparticles for early detection of kidney injury by breath samples. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1767-1776.	3.3	38
22	Intrarenal expression and distribution of cyclooxygenase isoforms in rats with experimental heart failure. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, F43-F53.	2.7	34
23	Involvement of heparanase in the pathogenesis of acute kidney injury: nephroprotective effect of PG545. <i>Oncotarget</i> , 2017, 8, 34191-34204.	1.8	32
24	Potential Hypoxic Renal Injury in Patients With Diabetes on SGLT2 Inhibitors: Caution Regarding Concomitant Use of NSAIDs and Iodinated Contrast Media. <i>Diabetes Care</i> , 2017, 40, e40-e41.	8.6	31
25	Urinary NGAL and KIM-1: Biomarkers for Assessment of Acute Ischemic Kidney Injury Following Nephron Sparing Surgery. <i>Journal of Urology</i> , 2013, 189, 1559-1566.	0.4	30
26	Role of Protein Kinase C in the Expression of Endothelin Converting Enzyme-1. <i>Endocrinology</i> , 2009, 150, 1440-1449.	2.8	29
27	The Role of Heparanase in the Pathogenesis of Acute Pancreatitis: A Potential Therapeutic Target. <i>Scientific Reports</i> , 2017, 7, 715.	3.3	28
28	The Double Edge Sword of Testosterone's Role in the COVID-19 Pandemic. <i>Frontiers in Endocrinology</i> , 2021, 12, 607179.	3.5	27
29	Does Thiazolidinedione therapy exacerbate fluid retention in congestive heart failure?. , 2016, 168, 75-97.		25
30	Kinins and chymase: the forgotten components of the renin-angiotensin system and their implications in COVID-19 disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L422-L429.	2.9	25
31	Involvement of the endothelin and nitric oxide systems in the pathogenesis of renal ischemic damage in an experimental diabetic model. <i>Life Sciences</i> , 2012, 91, 669-675.	4.3	24
32	Differential Regulation of ETA and ETB in the Renal Tissue of Rats with Compensated and Decompensated Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S362-S365.	1.9	22
33	Cardiac and renal distribution of ACE and ACE-2 in rats with heart failure. <i>Acta Histochemica</i> , 2014, 116, 1342-1349.	1.8	21
34	Biomarker evidence for distal tubular damage but cortical sparing in hospitalized diabetic patients with acute kidney injury (AKI) while on SGLT2 inhibitors. <i>Renal Failure</i> , 2020, 42, 836-844.	2.1	19
35	Pulmonary, cardiac and renal distribution of ACE2, furin, TMPRSS2 and ADAM17 in rats with heart failure: Potential implication for COVID-19 disease. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3840-3855.	3.6	18
36	Angiotensin-(1-7) A Potential Remedy for AKI: Insights Derived from the COVID-19 Pandemic. <i>Journal of Clinical Medicine</i> , 2021, 10, 1200.	2.4	18

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37	Cardiac and renal effects of omapatrilat, a vasopeptidase inhibitor, in rats with experimental congestive heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H722-H728.	3.2	17
38	Urinary NGAL and KIM-1: potential association with histopathologic features in patients with renal cell carcinoma. <i>World Journal of Urology</i> , 2013, 31, 1541-1545.	2.2	17
39	Beneficial Effect of the SGLT2 Inhibitor Empagliflozin on Glucose Homeostasis and Cardiovascular Parameters in the Cohen Rosenthal Diabetic Hypertensive (CRDH) Rat. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2018, 23, 358-371.	2.0	16
40	Pharmacogenomic, Physiological, and Biochemical Investigations on Safety and Efficacy Biomarkers Associated with the Peroxisome Proliferator-Activated Receptor- β Activator Rosiglitazone in Rodents: A Translational Medicine Investigation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 820-829.	2.5	15
41	Effects of phosphodiesterase-5 inhibitor on ischemic kidney injury during nephron sparing surgery: quantitative assessment by NGAL and KIM-1. <i>World Journal of Urology</i> , 2015, 33, 2053-2062.	2.2	15
42	Involvement of Cytokines in the Pathogenesis of Salt and Water Imbalance in Congestive Heart Failure. <i>Frontiers in Immunology</i> , 2017, 8, 716.	4.8	15
43	Effects of endothelin receptors ETA and ETB blockade on renal haemodynamics in normal rats and in rats with experimental congestive heart failure. <i>Clinical Science</i> , 2002, 103, 245S-248S.	4.3	13
44	Effects of Chronic Rosiglitazone Treatment on Renal Handling of Salt and Water in Rats With Volume-Overload Congestive Heart Failure. <i>Circulation: Heart Failure</i> , 2011, 4, 345-354.	3.9	13
45	Phosphodiesterase 5 inhibition protects against increased intraabdominal pressure-induced renal dysfunction in experimental congestive heart failure. <i>European Journal of Heart Failure</i> , 2012, 14, 1104-1111.	7.1	13
46	Fasting-Induced Natriuresis and SGLT: A New Hypothesis for an Old Enigma. <i>Frontiers in Endocrinology</i> , 2020, 11, 217.	3.5	13
47	Increased Hematocrit During Sodium-Glucose Cotransporter-2 Inhibitor Therapy. <i>Journal of Clinical Medicine Research</i> , 2017, 9, 176-177.	1.2	13
48	Renal and Systemic Effects of Chronic Blockade of ETA or ETB Receptors in Normal Rats and Animals with Experimental Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S54-S58.	1.9	12
49	Natriuretic peptides system in the pulmonary tissue of rats with heart failure: potential involvement in lung edema and inflammation. <i>Oncotarget</i> , 2018, 9, 21715-21730.	1.8	12
50	Role of Hypoxia in Renal Failure Caused by Nephrotoxins and Hypertonic Solutions. <i>Seminars in Nephrology</i> , 2019, 39, 530-542.	1.6	12
51	Heparanase in Acute Kidney Injury. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 685-702.	1.6	12
52	Nitric oxide synthase inhibition aggravates the adverse renal effects of high but not low intraabdominal pressure. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010, 24, 826-833.	2.4	11
53	Nephroprotective effects of TVP1022, a non-MAO inhibitor <i>S</i> -isomer of rasagiline, in an experimental model of diabetic renal ischemic injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F24-F33.	2.7	11
54	Acute Renal Failure Following Near-Drowning. <i>Kidney International Reports</i> , 2018, 3, 833-840.	0.8	11

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55	Increased Intra-abdominal Pressure Induces Acute Kidney Injury in an Experimental Model of Congestive Heart Failure. <i>Journal of Cardiac Failure</i> , 2019, 25, 468-478.	1.7	11
56	Pneumoperitoneum Aggravates Renal Function in Cases of Decompensated But Not Compensated Experimental Congestive Heart Failure: Role of Nitric Oxide. <i>Journal of Urology</i> , 2011, 186, 310-317.	0.4	10
57	Acute kidney injury following isotretinoin treatment. <i>American Journal of Case Reports</i> , 2013, 14, 554-556.	0.8	10
58	Deleterious Effects of Increased Intra-Abdominal Pressure on Kidney Function. <i>Advances in Nephrology</i> , 2014, 2014, 1-15.	0.2	10
59	Nephroprotective Effect of Heparanase in Experimental Nephrotic Syndrome. <i>PLoS ONE</i> , 2015, 10, e0119610.	2.5	10
60	Combination of hyperglycaemia and hyperlipidaemia induces endothelial dysfunction: Role of the endothelin and nitric oxide systems. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1884-1895.	3.6	10
61	Induction of Cardiac Hypertrophy by a Controlled Reproducible Sutureless Aortocaval Shunt in the Mouse. <i>Journal of Investigative Surgery</i> , 2005, 18, 325-334.	1.3	9
62	The Role of Angiotensin II and Cyclic AMP in Alveolar Active Sodium Transport. <i>PLoS ONE</i> , 2015, 10, e0134175.	2.5	9
63	Method Used for Tumor Bed Closure (Suture vs. Sealant), Ischemia Time and Duration of Surgery are Independent Predictors of Post-Nephron Sparing Surgery Acute Kidney Injury. <i>Urologia Internationalis</i> , 2018, 101, 184-189.	1.3	9
64	Near-drowning: new perspectives for human hypoxic acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 206-212.	0.7	9
65	The Duplicitous Nature of ACE2 in COVID-19 Disease. <i>EBioMedicine</i> , 2021, 67, 103356.	6.1	9
66	Differential Effects of Sera from Normotensive and Hypertensive Pregnant Women on Ca ²⁺ Metabolism in Normal Vasular Smooth Muscle Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 1188-1198.	6.1	9
67	Potential Early Predictors for Outcomes of Experimental Hemorrhagic Shock Induced by Uncontrolled Internal Bleeding in Rats. <i>PLoS ONE</i> , 2013, 8, e80862.	2.5	8
68	Distribution of Cardiac and Renal Corin and Proprotein Convertase Subtilisin/Kexin-6 in the Experimental Model of Cardio-Renal Syndrome of Various Severities. <i>Frontiers in Physiology</i> , 2021, 12, 673497.	2.8	8
69	Why Have Detection, Understanding and Management of Kidney Hypoxic Injury Lagged Behind those for the Heart?. <i>Journal of Clinical Medicine</i> , 2019, 8, 267.	2.4	7
70	Aberrant corin and PCSK6 in placentas of the maternal hyperinsulinemia IUGR rat model. <i>Pregnancy Hypertension</i> , 2020, 21, 70-76.	1.4	7
71	Identification, localization and expression of NHE isoforms in the alveolar epithelial cells. <i>PLoS ONE</i> , 2021, 16, e0239240.	2.5	7
72	Acute obstructive jaundice and chronic cirrhosis protect against the adverse renal effects of pneumoperitoneum: role of nitric oxide. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 2517-2525.	2.4	6

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73	Renal functional recovery among inpatients: A plausible marker of reduced renal functional reserve. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1724-1727.	1.9	6
74	Renal Endothelin-Converting Enzyme in Rats with Congestive Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S31-S34.	1.9	6
75	Effects of Endothelin-1 on Systemic and Renal Hemodynamics in Hypertensive-Diabetic Rats (CRDH), Diabetic Rats (CDR), and Hypertensive Rats (SHR). <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S191-S194.	1.9	5
76	Renal effects of a novel endogenous natriuretic agent xanthurenic acid 8-o- β -d-glucoside in rats. <i>Physiological Reports</i> , 2013, 1, e00155.	1.7	5
77	Neutrophil gelatinase-associated lipocalin in a triphasic rat model of adenine-induced kidney injury. <i>Renal Failure</i> , 2016, 38, 1448-1454.	2.1	5
78	Rosiglitazone treatment restores renal responsiveness to atrial natriuretic peptide in rats with congestive heart failure. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4779-4794.	3.6	5
79	Changing serum creatinine in the detection of acute renal failure and recovery following radiocontrast studies among acutely ill inpatients: Reviewing insights regarding renal functional reserve gained by large-data analysis. <i>Practical Laboratory Medicine</i> , 2022, 30, e00276.	1.3	5
80	Restoration of Renal Responsiveness to Atrial Natriuretic Peptide in Experimental Nephrotic Syndrome by Albumin Infusion. <i>American Journal of Nephrology</i> , 2013, 38, 292-299.	3.1	3
81	The impact of comorbidities, sex and age on the occurrence of acute kidney injury among patients undergoing nephron-sparing surgery. <i>Therapeutic Advances in Urology</i> , 2018, 10, 103-108.	2.0	3
82	Interacting hypoxia and endothelin in the diabetic kidney: therapeutic options. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F699-F701.	2.7	3
83	Heparanase in Acute Pancreatitis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 703-719.	1.6	3
84	Phosphodiesterase-5 inhibitors: Emerging nephroprotective drugs. <i>Anatolian Journal of Cardiology</i> , 2015, 15, 311-312.	0.9	2
85	Cell death induction (extrinsic versus intrinsic apoptotic pathway) by intestinal ischemiaâ€“reperfusion injury in rats is time-dependent. <i>Pediatric Surgery International</i> , 2021, 37, 369-376.	1.4	2
86	Comment on Oosterwijk et al. High-Normal Protein Intake Is Not Associated With Faster Renal Function Deterioration in Patients With Type 2 Diabetes: A Prospective Analysis in the DIALECT Cohort. <i>Diabetes Care</i> 2022;45:35â€“41. <i>Diabetes Care</i> , 2022, 45, e67-e68.	8.6	2
87	Renal and Systemic Effects of Endothelin-1 in Diabetic-Hypertensive Rats. <i>Clinical and Experimental Hypertension</i> , 2011, 33, 444-454.	1.3	1
88	P0715SUPERB MICROVASCULAR IMAGING: AN INNOVATIVE ULTRASOUND TECHNIQUE FOR EARLY DETECTION OF KIDNEY DYSFUNCTION AND RENAL FIBROSIS. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	1
89	Letter Regarding Normal Albuminuria in Patients With Autopsy-Proven Advanced Diabetic Nephropathy. <i>Kidney International Reports</i> , 2022, 7, 662.	0.8	1
90	FP251ACUTE KIDNEY INJURY FOLLOWING NEAR DROWNING IN SEA WATER: AN ARCHETYPE OF RENAL OXYGENATION IMBALANCE. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i114-i115.	0.7	0

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91	Low salt diet and renal safety: taken with a pinch of salt. <i>Journal of Physiology</i> , 2020, 598, 5299-5300.	2.9	0
92	Abstract P309: Aberrant Corin and PCSK6 in the Placenta of Hyperinsulinemic Dams. <i>Hypertension</i> , 2018, 72, .	2.7	0