Manuel Pestana

List of Publications by Year
in descending order

121 papers	5,615 citations	257101 24 h-index	79541 73 g-index
121 all docs	121 docs citations	121 times ranked	5499 citing authors

#	Article	IF	Citations
1	A Trial of Darbepoetin Alfa in Type 2 Diabetes and Chronic Kidney Disease. New England Journal of Medicine, 2009, 361, 2019-2032.	13.9	2,110
2	Mycophenolate Mofetil versus Cyclophosphamide for Induction Treatment of Lupus Nephritis. Journal of the American Society of Nephrology: JASN, 2009, 20, 1103-1112.	3.0	923
3	Mycophenolate versus Azathioprine as Maintenance Therapy for Lupus Nephritis. New England Journal of Medicine, 2011, 365, 1886-1895.	13.9	544
4	Nonrenal disease activity following mycophenolate mofetil or intravenous cyclophosphamide as induction treatment for lupus nephritis: Findings in a multicenter, prospective, randomized, openâ€label, parallelâ€group clinical trial. Arthritis and Rheumatism, 2010, 62, 211-221.	6.7	139
5	Renalase deficiency aggravates ischemic myocardial damage. Kidney International, 2011, 79, 853-860.	2.6	130
6	Renalase Lowers Ambulatory Blood Pressure by Metabolizing Circulating Adrenaline. Journal of the American Heart Association, 2012, 1, e002634.	1.6	92
7	The Role of the Gut Microbiome on Chronic Kidney Disease. Advances in Applied Microbiology, 2016, 96, 65-94.	1.3	86
8	Attenuation of the cardiovascular and metabolic complications of obesity in CD14 knockout mice. Life Sciences, 2008, 83, 502-510.	2.0	67
9	The effect of dietary sodium restriction on neurohumoral activity and renal dopaminergic response in patients with heart failure. European Journal of Heart Failure, 2004, 6, 593-599.	2.9	65
10	Aging, High Salt Intake, and Renal Dopaminergic Activity in Fischer 344 Rats. Hypertension, 1999, 34, 666-672.	1.3	63
11	Assessment of renal dopaminergic system activity in the nitric oxideâ€deprived hypertensive rat model. British Journal of Pharmacology, 1995, 114, 1403-1413.	2.7	54
12	Physical examination of dysfunctional arteriovenous fistulae by non-interventionalists: a skill worth teaching. Nephrology Dialysis Transplantation, 2012, 27, 1993-1996.	0.4	46
13	The microbiome in chronic kidney disease patients undergoing hemodialysis and peritoneal dialysis. Pharmacological Research, 2018, 130, 143-151.	3.1	43
14	Efficacy of mycophenolate mofetil in adolescent patients with lupus nephritis: evidence from a two-phase, prospective randomized trial. Lupus, 2012, 21, 1433-1443.	0.8	40
15	Effects of starting hemodialysis with an arteriovenous fistula or central venous catheter compared with peritoneal dialysis: a retrospective cohort study. BMC Nephrology, 2012, 13, 88.	0.8	37
16	Combined C4d and CD3 immunostaining predicts immunoglobulin (Ig)A nephropathy progression. Clinical and Experimental Immunology, 2015, 179, 354-361.	1.1	36
17	An integrated program of extracorporeal membrane oxygenation (ECMO) assisted cardiopulmonary resuscitation and uncontrolled donation after circulatory determination of death in refractory cardiac arrest. Resuscitation, 2018, 133, 88-94.	1.3	30
18	Fibroblast growth factor 23 is associated with left ventricular hypertrophy, not with uremic vasculopathy in peritoneal dialysis patients. Clinical Nephrology, 2016, 85 (2016), 135-141.	0.4	29

#	Article	IF	Citations
19	Deamination of newlyâ€formed dopamine in rat renal tissues. British Journal of Pharmacology, 1991, 102, 778-782.	2.7	28
20	Cost Analysis of Hemodialysis and Peritoneal Dialysis Access in Incident Dialysis Patients. Peritoneal Dialysis International, 2013, 33, 662-670.	1.1	27
21	Compared to mycophenolate mofetil, rapamycin induces significant changes on growth factors and growth factor receptors in the early days postkidney transplantation1. Transplantation, 2002, 73, 915-920.	0.5	27
22	Assessment of renal dopaminergic system activity during cyclosporine A administration in the rat. British Journal of Pharmacology, 1995, 115, 1349-1358.	2.7	26
23	Reduced Urinary Excretion of Dopamine and Metabolites in Chronic Renal Parenchymal Disease. Kidney and Blood Pressure Research, 1998, 21, 59-65.	0.9	26
24	SALT INTAKE AND SENSITIVITY OF INTESTINAL AND RENAL NA+-K+ATPase TO INHIBITION BY DOPAMINE IN SPONTANEOUS HYPERTENSIVE AND WISTAR-KYOTO RATS. Clinical and Experimental Hypertension, 2000, 22, 455-469.	0.5	26
25	Clinical value of natriuretic peptides in chronic kidney disease. Nefrologia, 2015, 35, 227-233.	0.2	26
26	Renalase regulates renal dopamine and phosphate metabolism. American Journal of Physiology - Renal Physiology, 2013, 305, F839-F844.	1.3	24
27	Arteriolar C4d in IgA Nephropathy: A Cohort Study. American Journal of Kidney Diseases, 2020, 76, 669-678.	2.1	23
28	Neurohormonal activation, the renal dopaminergic system and sodium handling in patients with severe heart failure under vasodilator therapy. Clinical Science, 2001, 100, 557-566.	1.8	22
29	Renal Dopaminergic System Activity in the Rat Remnant Kidney. Nephron Experimental Nephrology, 2005, 99, e46-e55.	2.4	22
30	Attenuation of toll-like receptor 2-mediated innate immune response in patients with alcoholic chronic liver disease. Liver International, 2010, 30, 1003-1011.	1.9	22
31	Cerebral coccidioidomycosis after renal transplantation in a non-endemic area. Transplant Infectious Disease, 2010, 12, 151-154.	0.7	22
32	Sodium-dependent modulation of systemic and urinary renalase expression and activity in the rat remnant kidney. Journal of Hypertension, 2013, 31, 543-553.	0.3	21
33	Effect of type A and B monoamine oxidase selective inhibition by Ro 41â€“1049 and Ro 19â€“6327 on dopamine outflow in rat kidney slices. British Journal of Pharmacology, 1994, 113, 1269-1274.	2.7	19
34	Mycobacterium gordonae urinary infection in a renal transplant recipient. Transplant Infectious Disease, 2009, 11, 253-256.	0.7	19
35	Cardiac remodeling and dysfunction in nephrotic syndrome. Kidney International, 2007, 71, 1240-1248.	2.6	18
36	Glycaemic control with insulin prevents the reduced renal dopamine D1 receptor expression and function in streptozotocin-induced diabetes. Nephrology Dialysis Transplantation, 2010, 25, 2945-2953.	0.4	18

#	Article	IF	Citations
37	Cinacalcet in the treatment of persistent hyperparathyroidism after kidney transplantation. Clinical Nephrology, 2011, 75, 263-268.	0.4	17
38	Plasma and urine renalase levels and activity during the recovery of renal function in kidney transplant recipients. Experimental Biology and Medicine, 2014, 239, 502-508.	1.1	17
39	Renalase regulates peripheral and central dopaminergic activities. American Journal of Physiology - Renal Physiology, 2015, 308, F84-F91.	1.3	16
40	Peritoneal Microbiome in End-Stage Renal Disease Patients and the Impact of Peritoneal Dialysis Therapy. Microorganisms, 2020, 8, 173.	1.6	16
41	The renal handling of dopamine originating from <scp>l</scp>â€DOPA and Î³â€glutamylâ€<scp>l</scp>â€DOPA. British Journal of Pharmacology, 1994, 112, 417-422.	2.7	15
42	Percutaneous Treatment of Thrombosed Arteriovenous Fistulas. Clinical Journal of the American Society of Nephrology: CJASN, 2010, 5, 2245-2250.	2.2	15
43	Phase Angle Predicts Arterial Stiffness and Vascular Calcification in Peritoneal Dialysis Patients. Peritoneal Dialysis International, 2017, 37, 451-457.	1.1	15
44	The renal dopaminergic system, neurohumoral activation, and sodium handling in heart failure. American Heart Journal, 2002, 143, 391-397.	1.2	14
45	Bacteremia due to <scp>C</scp>ampylobacter in renal transplantation: a case report and review of literature. Transplant Infectious Disease, 2014, 16, 1007-1011.	0.7	14
46	Acute Hypotensive, Natriuretic, and Hormonal Effects of Nifedipine in Salt-Sensitive and Salt-Resistant Black Normotensive and Hypertensive Subjects. Journal of Cardiovascular Pharmacology, 1999, 34, 346-353.	0.8	14
47	Antagonistic actions of renal dopamine and 5â€hydroxytryptamine: endogenous 5â€hydroxytryptamine, 5â€HT_{1A} receptors and antinatriuresis during high sodium intake. British Journal of Pharmacology, 1996, 117, 1193-1198.	2.7	13
48	Parathyroidectomy in Persistent Post-transplantation Hyperparathyroidism â€" Single-center Experience. Transplantation Proceedings, 2017, 49, 795-798.	0.3	13
49	Studies on the Nature of the Antagonistic Actions of Dopamine and 5-Hydroxytryptamine in Renal Tissues. Hypertension Research, 1995, 18, S47-S51.	1.5	12
50	Assessment of renal dopaminergic system activity during the recovery of renal function in human kidney transplant recipients. Nephrology Dialysis Transplantation, 1997, 12, 2667-2672.	0.4	12
51	RENAL DOPAMINERGIC MECHANISMS IN RENAL PARENCHYMAL DISEASES, HYPERTENSION, AND HEART FAILURE. Clinical and Experimental Hypertension, 2000, 22, 251-268.	0.5	12
52	Neurohormonal activation, the renal dopaminergic system and sodium handling in patients with severe heart failure under vasodilator therapy. Clinical Science, 2001, 100, 557.	1.8	12
53	Role of Chronic Inhibition of Dopamine-Metabolizing Enzymes in the Regulation of Renal Sodium and Phosphate Excretion in the Rat Remnant Kidney. Nephron Physiology, 2006, 103, p14-p24.	1.5	12
54	Cryptococcosis in Renal Transplant Recipients: A Single-Center Experience. Transplantation Proceedings, 2016, 48, 2289-2293.	0.3	12

#	Article	IF	Citations
55	A comparative study on the synthesis of dopamine in the human, dog and rat kidney. Acta Physiologica Scandinavica, 1993, 148, 347-351.	2.3	11
56	Heart failure, aging, and renal synthesis of dopamine. American Journal of Kidney Diseases, 2001, 38, 502-509.	2.1	11
57	Blunted renal dopaminergic system activity in puromycin aminonucleoside-induced nephrotic syndrome. Nephrology Dialysis Transplantation, 2006, 21, 314-323.	0.4	11
58	Local modulation of the natriuretic peptide system in the rat remnant kidney. Nephrology Dialysis Transplantation, 2009, 24, 1774-1782.	0.4	11
59	Relationship Between Everolimus Blood Concentration Assessed Using the Innofluor Certican Fluorescence Polarization Immunoassay and the Architect i System Sirolimus Chemiluminescent Microparticle Immunoassay. Transplantation Proceedings, 2010, 42, 1867-1869.	0.3	11
60	Endothelial function in patients with metabolic syndrome and erectile dysfunction: a question of Angiopoietin imbalance?. Andrology, 2013, 1, 541-548.	1.9	11
61	Periodontal inflammation in renal transplant recipients receiving <scp>E</scp>verolimus or <scp>T</scp>acrolimus â€“ preliminary results. Oral Diseases, 2013, 19, 666-672.	1.5	11
62	High sodium intake increases the urinary excretion of L-3,4-dihydroxyphenylalanine but fails to alter the urinary excretion of dopamine and amine metabolites in wistar rats. General Pharmacology, 1996, 27, 1421-1427.	0.7	10
63	Evidence for the involvement of Pâ€glycoprotein on the extrusion of taken up L â€ÐOPA in cyclosporine A treated LLCâ€PK 1 cells. British Journal of Pharmacology, 1998, 123, 13-22.	2.7	10
64	Microemulsion cyclosporin formulation, in contrast to the old formulation, widens the T lymphocyte subsets differences between stable and acute rejection of kidney transplants. Nephrology Dialysis Transplantation, 2001, 16, 1256-1261.	0.4	10
65	Differences in the renal dopaminergic system activity between Wistar rats from two suppliers. Acta Physiologica Scandinavica, 2003, 178, 83-89.	2.3	10
66	Combined use of plasmapheresis and antidigoxin antibodies in a patient with severe digoxin intoxication and acute renal failure. Nephrology Dialysis Transplantation, 2006, 22, 257-258.	0.4	10
67	Renal Dopaminergic System Activity in Uninephrectomized Rats up to 26 Weeks after Surgery. American Journal of Nephrology, 2007, 27, 232-239.	1.4	10
68	Concerted Action of ANP and Dopamine D1-Receptor to Regulate Sodium Homeostasis in Nephrotic Syndrome. BioMed Research International, 2013, 2013, 1-8.	0.9	10
69	Post-transplant Lymphoproliferative Disorder: A Single-Center Experience. Transplantation Proceedings, 2015, 47, 981-984.	0.3	10
70	Clinical value of natriuretic peptides in chronic kidney disease. Nefrologia, 2015, 35, 227-233.	0.2	10
71	Oral Colonization ofStaphylococcusSpecies in a Peritoneal Dialysis Population: A Possible Reservoir for PD-Related Infections?. Canadian Journal of Infectious Diseases and Medical Microbiology, 2018, 2018, 1-6.	0.7	10
72	Viral Clearance and Serological Response to SARS-CoV-2 in Kidney Transplant Recipients. Transplantation Proceedings, 2021, 53, 1180-1186.	0.3	10

#	Article	IF	Citations
73	sTNFRI AND sTNFRII SYNTHESIS BY FINE-NEEDLE ASPIRATION BIOPSY SAMPLE CULTURES IS SIGNIFICANTLY ASSOCIATED WITH ACUTE REJECTION IN KIDNEY TRANSPLANTATION1. Transplantation, 2001, 71, 1835-1839.	0.5	9
74	Hypertension in the elderly. International Urology and Nephrology, 2001, 33, 563-569.	0.6	9
75	Nutritional Status and Body Composition Evolution in Early Postâ€“Renal Transplantation: Is There a Female Advantage?. Transplantation Proceedings, 2005, 37, 2765-2770.	0.3	9
76	Renal dopaminergic system activity in rat remnant kidney up to twenty-six weeks after surgery. Life Sciences, 2009, 84, 409-414.	2.0	9
77	Endovascular treatment of thrombosed dialysis fistulae. Catheterization and Cardiovascular Interventions, 2011, 77, 1065-1070.	0.7	9
78	Blunted renal dopaminergic system in a mouse model of diet-induced obesity. Experimental Biology and Medicine, 2012, 237, 949-955.	1.1	9
79	Reactivation of Hepatitis B virus in kidney transplant recipients with previous clinically resolved infection: A single-center experience. Nefrologia, 2018, 38, 545-550.	0.2	9
80	Sequential body composition analysis by bioimpedance early post-kidney transplantation. Transplant International, 2005, 18, 541-547.	0.8	8
81	Humoral immune response after kidney transplantation is enhanced by acute rejection and urological obstruction and is down-regulated by mycophenolate mofetil treatment. Transplant International, 2005, 18, 1286-1291.	0.8	8
82	Conversion from sirolimus to everolimus in kidney transplant recipients receiving a calcineurinâ€free regimen. Clinical Transplantation, 2011, 25, E401-5.	0.8	8
83	Endothelial Dysfunction Is Associated with Cerebrovascular Events in Pre-Dialysis CKD Patients: A Prospective Study. Life, 2021, 11, 128.	1.1	8
84	Plasma Renalase in Chronic Kidney Disease: Differences and Similarities between Humans and Rats. Current Hypertension Reviews, 2015, 10, 166-170.	0.5	8
85	Renal synthesis of dopamine in asymptomatic post-infarction left ventricular systolic dysfunction. Clinical Science, 2000, 99, 195-200.	1.8	7
86	Salt sensitivity of blood pressure in patients with psoriasis on ciclosporin therapy. British Journal of Dermatology, 2005, 152, 773-776.	1.4	7
87	Postrenal Transplantation Body Composition: Different Evolution Depending on Gender. , 2007, 17, 151-156.		7
88	Planning Vascular Access in Peritoneal Dialysisâ€”Defining High-Risk Patients. Peritoneal Dialysis International, 2018, 38, 271-277.	1.1	7
89	Body Composition Assessed by Impedance Changes Very Early with Declining Renal Graft Function. Nephron Physiology, 2006, 104, p115-p120.	1.5	6
90	Early-onset of disseminated cryptococcal infection in two renal transplant recipients. Clinical Nephrology, 2011, 75, 542-546.	0.4	6

#	Article	IF	Citations
91	Therapeutic implications of heparin-induced thrombocytopenia complicating acute hemodialysis. Clinical Nephrology, 2010, 73, 326-330.	0.4	6
92	Kidney graft-infiltrating cells synthesize significantly higher amounts of prostaglandin e2 pre and during acute rejection. Transplantation Proceedings, 1999, 31, 306-307.	0.3	5
93	Cultures of Kidney Transplant Fine-Needle Aspiration Samples from Rejection-Free Patients Produce a Specific Antidonor Response Suppressive Factor. Nephron, 2002, 91, 637-645.	0.9	5
94	Bioimpedance analysis highlights changes in body composition at the early stages of impairment of kidney transplant function. , 2004, 14, 157-163.		5
95	Intestinal and renal guanylin peptides system in hypertensive obese mice. Experimental Biology and Medicine, 2013, 238, 90-97.	1.1	5
96	Ganciclovir-resistant cytomegalovirus infection in renal transplantation. CKJ: Clinical Kidney Journal, 2014, 7, 210-213.	1.4	5
97	Asymptomatic Effluent Protozoa Colonization in Peritoneal Dialysis Patients. Peritoneal Dialysis International, 2016, 36, 566-569.	1.1	5
98	Ontogeny of the cell outward dopamine transporter in canine renal tissues. Fundamental and Clinical Pharmacology, 1995, 9, 255-262.	1.0	4
99	Renal synthesis of dopamine in asymptomatic post-infarction left ventricular systolic dysfunction. Clinical Science, 2000, 99, 195.	1.8	4
100	Renal Dopamine and Salt Sensitivity of Blood Pressure in IgA Nephropathy. Kidney and Blood Pressure Research, 2004, 27, 78-87.	0.9	4
101	Blunted renal dopaminergic system activity in HgCl2-induced membranous nephropathy. Life Sciences, 2006, 78, 1246-1255.	2.0	4
102	Prolonged use of an intracardiac catheter for dialysis in a patient with multiple venous access failure. Nephrology Dialysis Transplantation, 2006, 21, 2670-2671.	0.4	4
103	Late Allograft Renal Vein Thrombosis Treated With Anticoagulation Alone: A Case Report. Transplantation Proceedings, 2016, 48, 3095-3098.	0.3	4
104	Oral Yeast Colonization and Fungal Infections in Peritoneal Dialysis Patients: A Pilot Study. Canadian Journal of Infectious Diseases and Medical Microbiology, 2017, 2017, 1-7.	0.7	4
105	Assessment of Renalase Activity on Catecholamines Degradation. Open Hypertension Journal, 2015, 7, 14-18.	0.8	4
106	Jejunal dopamine and Na+,K+-ATPase activity in early chronic renal insufficiency. Nephrology, 2006, 11, 63-67.	0.7	3
107	Circulating Renalase as Predictor of Renal and Cardiovascular Outcomes in Pre-Dialysis CKD Patients: A 5-Year Prospective Cohort Study. Life, 2021, 11, 210.	1.1	3
108	Renal dopaminergic system in nephrotic syndrome and after remission. Nephrology Dialysis Transplantation, 1998, 13, 2559-2562.	0.4	2

#	Article	IF	Citations
109	Cardiac dysfunction in HgCl₂-induced nephrotic syndrome. Experimental Biology and Medicine, 2010, 235, 392-400.	1.1	2
110	Calcitriol Prevents Cardiovascular Repercussions in Puromycin Aminonucleoside-Induced Nephrotic Syndrome. BioMed Research International, 2018, 2018, 1-10.	0.9	2
111	Outflow of dopamine and noradrenaline originating from l-DOPA and in rat renal tissues. General Pharmacology, 1994, 25, 879-885.	0.7	1
112	Cyclosporine enhances salt sensitivity of body water composition as assessed by impedance among psoriatic patients with normal renal function. , 2004, 14, 226-232.		1
113	Letter on â€˜Sodium-dependent modulation of systemic and urinary renalase expression and activity in the rat remnant kidneyâ€™. Journal of Hypertension, 2013, 31, 1274-1275.	0.3	1
114	Accelerated atherosclerosis after renal transplantation: an unsuspected cause of uncontrolled hypertension. International Journal of Nephrology and Renovascular Disease, 2014, 7, 295.	0.8	1
115	Jejunal Dopamine and Na⁺,K⁺-ATPase Activity in Nephrotic Syndrome. American Journal of Nephrology, 2005, 25, 382-392.	1.4	0
116	Treatment of severe dialysis reactions with the AN69-ST membrane: biocompatibility does matter. CKJ: Clinical Kidney Journal, 2010, 3, 298-299.	1.4	0
117	Interaction between GÎ±12 and GÎ±13 protein subunits and dopamine receptors in renal proximal tubules. Hypertension Research, 2011, 34, 987-988.	1.5	0
118	Renal Transplantation in Human Immunodeficiency Virusâ€“Positive Patients: A Report of Four Cases. Transplantation Proceedings, 2014, 46, 1718-1722.	0.3	0
119	SP511PERITONEAL DIALYSIS: INFECTIOUS AGENTS OR NORMAL MICROBIOTA. Nephrology Dialysis Transplantation, 2015, 30, iii547-iii548.	0.4	0
120	SP321RENALASE, RENAL FUNCTION AND BIOMARKERS OF ENDOTHELIAL DYSFUNCTION IN CHRONIC KIDNEY DISEASE PATIENTS. Nephrology Dialysis Transplantation, 2015, 30, iii485-iii485.	0.4	0
121	SP388THE DECREASE IN PHOSPHATE INTAKE IMPROVES ENDOTHELIAL FUNCTION IN PRE-DIALYSIS CKD PATIENTS. Nephrology Dialysis Transplantation, 2018, 33, i477-i477.	0.4	0