Karen M Dwyer

List of Publications by Year
in descending order

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Version: 2024-02-01

93 papers	5,523 citations	201385 27 h-index	79541 73 g-index
95 all docs	95 docs citations	95 times ranked	7659 citing authors

#	Article	IF	Citations
1	Cliniciansâ€™ perspectives on equity of access to dialysis and kidney transplantation for rural people in Australia: a semistructured interview study. BMJ Open, 2022, 12, e052315.	0.8	10
2	Blood Plasma Metabolites in Diabetes-Associated Chronic Kidney Disease: A Focus on Lipid Profiles and Cardiovascular Risk. Frontiers in Nutrition, 2022, 9, 821209.	1.6	3
3	Impact of <scp>COVID</scp>â€19 on the worsening crisis of chronic kidney disease: the imperative to fund early detection is now. Internal Medicine Journal, 2022, 52, 680-682.	0.5	3
4	Chicken or the egg: an unusual presentation of Crohn's disease. Internal Medicine Journal, 2022, 52, 502-503.	0.5	1
5	Burnstock oration â€" purinergic signalling in kidney transplantation. Purinergic Signalling, 2022, 18, 387-393.	1.1	2
6	DNA methylation profiling identifies epigenetic differences between early versus late stages of diabetic chronic kidney disease. Nephrology Dialysis Transplantation, 2021, 36, 2027-2038.	0.4	14
7	Coprocytobiology: A Technical Review of Cytological Colorectal Cancer Screening in Fecal Samples. SLAS Technology, 2021, 26, 247263032110245.	1.0	5
8	Gut Microbiome Composition Remains Stable in Individuals with Diabetes-Related Early to Late Stage Chronic Kidney Disease. Biomedicines, 2021, 9, 19.	1.4	11
9	Blood apheresis technologies â€“ a critical review on challenges towards efficient blood separation and treatment. Materials Advances, 2021, 2, 7210-7236.	2.6	8
10	Pill aspiration: an underâ€recognised clinical entity. Medical Journal of Australia, 2021, 215, 505-506.	0.8	0
11	The protective effects of human milk derived peptides on the pancreatic islet biology. Biology Open, 2020, 9, .	0.6	2
12	Potential for Novel Biomarkers in Diabetes-Associated Chronic Kidney Disease: Epigenome, Metabolome, and Gut Microbiome. Biomedicines, 2020, 8, 341.	1.4	5
13	Conversion of extracellular ATP into adenosine: a master switch in renal health and disease. Nature Reviews Nephrology, 2020, 16, 509-524.	4.1	70
14	Identification of Potential Biomarkers of Chronic Kidney Disease in Individuals with Diabetes: Protocol for a Cross-sectional Observational Study. JMIR Research Protocols, 2020, 9, e16277.	0.5	3
15	In vivo endogenous proteolysis yielding beta-casein derived bioactive beta-casomorphin peptides in human breast milk for infant nutrition. Nutrition, 2019, 57, 259-267.	1.1	21
16	Real pain in the neck: giant cell arteritis presenting with nonâ€necrotising fasciitis and fever. Internal Medicine Journal, 2019, 49, 802-804.	0.5	1
17	High glucose levels affect retinal patterning during zebrafish embryogenesis. Scientific Reports, 2019, 9, 4121.	1.6	31
18	International vascularised composite allotransplantation activity: implications for Australia. Medical Journal of Australia, 2019, 210, 67-68.	0.8	0

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19	Clinical Significance of Alloantibodies in Hand Transplantation: A Multicenter Study. Transplantation, 2019, 103, 2173-2182.	0.5	12
20	CD39-adenosinergic axis in renal pathophysiology and therapeutics. Purinergic Signalling, 2018, 14, 109-120.	1.1	25
21	AMP and adenosine are both ligands for adenosine 2B receptor signaling. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 202-206.	1.0	9
22	CD39 and CD73 activity are protective in a mouse model of antiphospholipid antibody-induced miscarriages. Journal of Autoimmunity, 2018, 88, 131-138.	3.0	23
23	Bone health in chronic kidney diseaseâ€mineral and bone disorder: a clinical case seminar and update. Internal Medicine Journal, 2018, 48, 1435-1446.	0.5	10
24	Dietary Cowsâ€™ Milk Protein A1 Beta-Casein Increases the Incidence of T1D in NOD Mice. Nutrients, 2018, 10, 1291.	1.7	30
25	The adenosine, adrenergic and opioid pathways in the regulation of insulin secretion, beta cell proliferation and regeneration. Pancreatology, 2018, 18, 615-623.	0.5	15
26	DNA methylation profiling of genomic DNA isolated from urine in diabetic chronic kidney disease: A pilot study. PLoS ONE, 2018, 13, e0190280.	1.1	13
27	Mineral adaptations following kidney transplantation. Transplant International, 2017, 30, 463-473.	0.8	16
28	The Differential Effect of Apyrase Treatment and hCD39 Overexpression on Chronic Renal Fibrosis After Ischemia-Reperfusion Injury. Transplantation, 2017, 101, e194-e204.	0.5	16
29	Overexpression of Human CD55 and CD59 or Treatment with Human CD55 Protects against Renal Ischemia-Reperfusion Injury in Mice. Journal of Immunology, 2017, 198, 4837-4845.	0.4	26
30	Development of a novel strategy to target CD39 antithrombotic activity to the endothelial-platelet microenvironment in kidney ischemiaâ€“reperfusion injury. Purinergic Signalling, 2017, 13, 259-265.	1.1	18
31	Systematic Review of the Gastrointestinal Effects of A1 Compared with A2 Î²-Casein. Advances in Nutrition, 2017, 8, 739-748.	2.9	83
32	Diabetes Mellitus Following Renal Transplantation: Clinical and Pharmacological Considerations for the Elderly Patient. Drugs and Aging, 2017, 34, 589-601.	1.3	1
33	Refractory Vascular Rejection in a Hand Allograft in the Presence of Antibodies Against Angiotensin II (Type 1) Receptor. Transplantation, 2017, 101, e344-e345.	0.5	6
34	The threat among us: significance and scale of diabetic chronic kidney disease in Australia. Internal Medicine Journal, 2017, 47, 1339-1341.	0.5	1
35	Evaluation of CD4⁺CD25^{+/âˆ’}CD39⁺ Tâ€cell populations in peripheral blood of patients following kidney transplantation and during acute allograft rejection. Nephrology, 2017, 22, 505-512.	0.7	18
36	PLA2R and membranous nephropathy: A 3â€‰year prospective Australian study. Nephrology, 2016, 21, 397-403.	0.7	19

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37	The Role of Activin A and B and the Benefit of Follistatin Treatment in Renal Ischemia-Reperfusion Injury in Mice. Transplantation Direct, 2016, 2, e87.	0.8	14
38	Role of the CD39/CD73 Purinergic Pathway in Modulating Arterial Thrombosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1809-1820.	1.1	33
39	A Prospective Study of Renal Transplant Recipients: A Fall in Insulin Secretion Underpins Dysglycemia After Renal Transplantation. Transplantation Direct, 2016, 2, e107.	0.8	6
40	Abstract 341: The Role of Nucleotidase in Arterial Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	1.1	0
41	Galactose therapy reduces proteinuria in patients with recurrent focal segmental glomerulosclerosis after kidney transplantation. Nephrology, 2015, 20, 13-16.	0.7	5
42	Impaired natriuretic response to high-NaCl diet plus aldosterone infusion in mice overexpressing human CD39, an ectonucleotidase (NTPDase1). American Journal of Physiology - Renal Physiology, 2015, 308, F1398-F1408.	1.3	8
43	The Role of Ectonucleotidases CD39 and CD73 and Adenosine Signaling in Solid Organ Transplantation. Frontiers in Immunology, 2014, 5, 64.	2.2	28
44	Spectrum of renal disease in diabetes. Nephrology, 2014, 19, 528-536.	0.7	20
45	The role of adenosine receptors A2A and A2B signaling in renal fibrosis. Kidney International, 2014, 86, 685-692.	2.6	46
46	RecurrentMycobacterium haemophilumin a renal transplant recipient. Nephrology, 2014, 19, 14-17.	0.7	12
47	Differential migration of passenger leukocytes and rapid deletion of naive alloreactive CD8 T cells after mouse liver transplantation. Liver Transplantation, 2013, 19, 1224-1235.	1.3	25
48	The CD39-adenosinergic axis in the pathogenesis of renal ischemiaâ€“reperfusion injury. Purinergic Signalling, 2013, 9, 135-143.	1.1	37
49	The Protective Effects of CD39 Overexpression in Multiple Low-Dose Streptozotocinâ€“Induced Diabetes in Mice. Diabetes, 2013, 62, 2026-2035.	0.3	32
50	Sustained function of genetically modified porcine lungs in an ex vivo model of pulmonary xenotransplantation. Journal of Heart and Lung Transplantation, 2013, 32, 1123-1130.	0.3	20
51	Liver grafts from CD39-overexpressing rodents are protected from ischemia reperfusion injury due to reduced numbers of resident CD4⁺T cells. Hepatology, 2013, 57, 1597-1606.	3.6	42
52	AMPK couples plasma renin to cellular metabolism by phosphorylation of ACC1. American Journal of Physiology - Renal Physiology, 2013, 305, F679-F690.	1.3	18
53	A case of triple pathology: seronegative anti-glomerular basement membrane antibody-mediated glomerulonephritis and membranous nephropathy in a patient with underlying diabetic kidney disease. CKJ: Clinical Kidney Journal, 2013, 6, 322-326.	1.4	3
54	Overexpression of <scp>CD39</scp> protects in a mouse model of preeclampsia. Nephrology, 2013, 18, 351-355.	0.7	15

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55	Blockade of A _{2A} receptors potently suppresses the metastasis of CD73 ⁺ tumors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14711-14716.	3.3	306
56	Long-Term Renal Allograft Survival After Posttransplantation Diagnosis of Primary Hyperoxaluria. Transplantation, 2013, 95, e35-e36.	0.5	0
57	First hand transplant procedure in Australia: outcome at 2 years. Medical Journal of Australia, 2013, 199, 285-287.	0.8	15
58	Ectonucleotidases in Cancer and Inflammation. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-2.	3.0	3
59	The CD39-Adenosinergic Axis in the Pathogenesis of Immune and Nonimmune Diabetes. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-7.	3.0	17
60	Defective renal water handling in transgenic mice over-expressing human CD39/NTPDase1. American Journal of Physiology - Renal Physiology, 2012, 303, F420-F430.	1.3	9
61	Serum sickness following rabbit anti-thymocyte globulin for acute vascular renal allograft rejection. CKJ: Clinical Kidney Journal, 2012, 5, 334-335.	1.4	1
62	Hypertensive crisis precipitated by insulin-induced hypoglycemia with end-stage renal failure. CKJ: Clinical Kidney Journal, 2012, 5, 362-363.	1.4	1
63	Transgenic swine: Expression of human CD39 protects against myocardial injury. Journal of Molecular and Cellular Cardiology, 2012, 52, 958-961.	0.9	99
64	Ectonucleotide Triphosphate Diphosphohydrolase-1 (CD39) Mediates Resistance to Occlusive Arterial Thrombus Formation after Vascular Injury in Mice. American Journal of Pathology, 2012, 181, 322-333.	1.9	24
65	Regulatory <scp>T</scp> cells participate in <scp>CD</scp>39â€mediated protection from renal injury. European Journal of Immunology, 2012, 42, 2441-2451.	1.6	26
66	The Outcome of Renal Ischemia-Reperfusion Injury Is Unchanged in AMPK-Î²1 Deficient Mice. PLoS ONE, 2012, 7, e29887.	1.1	27
67	Transgenic over expression of ectonucleotide triphosphate diphosphohydrolase-1 protects against murine myocardial ischemic injury. Journal of Molecular and Cellular Cardiology, 2011, 51, 927-935.	0.9	47
68	Variable Impact of CD39 in Experimental Murine Colitis. Digestive Diseases and Sciences, 2011, 56, 1393-1403.	1.1	28
69	Impact of CD39 and purinergic signalling on the growth and metastasis of colorectal cancer. Purinergic Signalling, 2011, 7, 231-241.	1.1	108
70	An interaction between tacrolimus and pristinamycin resulting in an elevated tacrolimus level. CKJ: Clinical Kidney Journal, 2011, 4, 456-457.	1.4	1
71	Deficiency or Inhibition of CD73 Protects in Mild Kidney Ischemia-Reperfusion Injury. Transplantation, 2010, 90, 1260-1264.	0.5	37
72	Antiinflammatory and Anticoagulant Effects of Transgenic Expression of Human Thrombomodulin in Mice. American Journal of Transplantation, 2010, 10, 242-250.	2.6	34

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73	Transgenic Overexpression of CD39 Protects Against Renal Ischemia-Reperfusion and Transplant Vascular Injury. American Journal of Transplantation, 2010, 10, 2586-2595.	2.6	90
74	Expression of CD39 by Human Peripheral Blood CD4+CD25+ T Cells Denotes a Regulatory Memory Phenotype. American Journal of Transplantation, 2010, 10, 2410-2420.	2.6	199
75	Anti-CD73 antibody therapy inhibits breast tumor growth and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1547-1552.	3.3	492
76	Acute Kidney Injury and Proteinuria in a Patient With Diabetes and a Submandibular Mass. American Journal of Kidney Diseases, 2009, 54, 375-380.	2.1	9
77	The Impact of Purinergic Signaling on Renal Ischemia-Reperfusion Injury. Transplantation, 2008, 86, 1707-1712.	0.5	42
78	Adenosine generation catalyzed by CD39 and CD73 expressed on regulatory T cells mediates immune suppression. Journal of Experimental Medicine, 2007, 204, 1257-1265.	4.2	2,000
79	Salutary roles of CD39 in transplantation. Transplantation Reviews, 2007, 21, 54-63.	1.2	11
80	CD39 and control of cellular immune responses. Purinergic Signalling, 2007, 3, 171-180.	1.1	233
81	Ecto-nucleotidases of the CD39/NTPDase family modulate platelet activation and thrombus formation: Potential as therapeutic targets. Blood Cells, Molecules, and Diseases, 2006, 36, 217-222.	0.6	136
82	The Transgenic Expression of Human CD39 on Murine Islets Inhibits Clotting of Human Blood. Transplantation, 2006, 82, 428-432.	0.5	61
83	RanBPM associates with CD39 and modulates ecto-nucleotidase activity. Biochemical Journal, 2006, 396, 23-30.	1.7	61
84	Oxidative stress and high-density lipoprotein function in Type I diabetes and end-stage renal disease. Clinical Science, 2005, 108, 497-506.	1.8	31
85	Ectonucleotidases of CD39 Family Modulate Vascular Inflammation and Thrombosis in Transplantation. Seminars in Thrombosis and Hemostasis, 2005, 31, 217-233.	1.5	185
86	Thromboregulatory manifestations in human CD39 transgenic mice and the implications for thrombotic disease and transplantation. Journal of Clinical Investigation, 2004, 113, 1440-1446.	3.9	150
87	Membranoproliferative glomerulonephritis in association with chronic lymphocytic leukaemia: a report of three cases. Pathology, 2002, 34, 138-143.	0.3	17
88	Severe chronic renal failure in association with oxycodone addiction: A new form of fibrillary glomerulopathy. Human Pathology, 2002, 33, 783-787.	1.1	12
89	Protective Effects of Recombinant Human Antithrombin III in Pig-to-Primate Renal Xenotransplantation. American Journal of Transplantation, 2002, 2, 520-525.	2.6	59
90	Treatment of acute renal failure caused by renal artery occlusion with renal artery angioplasty. American Journal of Kidney Diseases, 2002, 40, 189-194.	2.1	20

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91	Xenotransplantation: Past achievements and future promise. Heart Lung and Circulation, 2002, 11, 32-41.	0.2	11
92	Nocardia peritonitis and abdominal abscess complicating continuous ambulatory peritoneal dialysis. Nephrology, 2001, 6, 263-265.	0.7	7
93	Too much sugar does not just make us fat; it can also make us sick. Internal Medicine Journal, 0, , .	0.5	0