

Richard E Gilbert

List of Publications by Year in Descending Order

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Version: 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105
papers

7,636
citations

51
h-index

87
g-index

107
ext. papers

8,570
ext. citations

7
avg, IF

5.76
L-index

#	Paper	IF	Citations
105	Impact of empagliflozin on right ventricular parameters and function among patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2021 , 20, 200	8.7	0
104	Impact of sodium glucose linked cotransporter-2 inhibition on renal microvascular oxygen tension in a rodent model of diabetes mellitus. <i>Physiological Reports</i> , 2021 , 9, e14890	2.6	2
103	Empagliflozin Reduces Myocardial Extracellular Volume in Patients With Type 2 Diabetes and Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1164-1173	8.4	18
102	Late intervention in the remnant kidney model attenuates proteinuria but not glomerular filtration rate decline. <i>Nephrology</i> , 2021 , 26, 270-279	2.2	0
101	The impact of empagliflozin on kidney injury molecule-1: a subanalysis of the Effects of Empagliflozin on Cardiac Structure, Function, and Circulating Biomarkers in Patients with Type 2 Diabetes CardioLink-6 trial. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 895-897	4.3	12
100	Effects of Empagliflozin on Left Ventricular Remodeling in Patients with Type 2 Diabetes and Coronary Artery Disease: Echocardiographic Substudy of the EMPA-HEART CardioLink-6 Randomized Clinical Trial. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 644-646	5.8	10
99	Load-independent effects of empagliflozin contribute to improved cardiac function in experimental heart failure with reduced ejection fraction. <i>Cardiovascular Diabetology</i> , 2020 , 19, 13	8.7	23
98	Effect of Empagliflozin on Erythropoietin Levels, Iron Stores, and Red Blood Cell Morphology in Patients With Type 2 Diabetes Mellitus and Coronary Artery Disease. <i>Circulation</i> , 2020 , 141, 704-707	16.7	115
97	Effect of Empagliflozin on Left Ventricular Mass in Patients With Type 2 Diabetes Mellitus and Coronary Artery Disease: The EMPA-HEART CardioLink-6 Randomized Clinical Trial. <i>Circulation</i> , 2019 , 140, 1693-1702	16.7	205
96	Impaired SIRT1 activity leads to diminution in glomerular endowment without accelerating age-associated GFR decline. <i>Physiological Reports</i> , 2019 , 7, e14044	2.6	3
95	Hypertension Canada's 2018 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults and Children. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 506-525	3.8	348
94	Treatment of Diabetes in People With Heart Failure. <i>Canadian Journal of Diabetes</i> , 2018 , 42 Suppl 1, S196-S200	17	
93	Treatment of Hypertension. <i>Canadian Journal of Diabetes</i> , 2018 , 42 Suppl 1, S186-S189	2.1	6
92	Effect of Basal Insulin Glargine on First and Recurrent Episodes of Heart Failure Hospitalization: The ORIGIN Trial (Outcome Reduction With Initial Glargine Intervention). <i>Circulation</i> , 2018 , 137, 88-90	16.7	19
91	Dual inhibition of sodium-glucose linked cotransporters 1 and 2 exacerbates cardiac dysfunction following experimental myocardial infarction. <i>Cardiovascular Diabetology</i> , 2018 , 17, 99	8.7	21
90	Reversing CXCL10 Deficiency Ameliorates Kidney Disease in Diabetic Mice. <i>American Journal of Pathology</i> , 2018 , 188, 2763-2773	5.8	8
89	Sirtuin 1 activation attenuates cardiac fibrosis in a rodent pressure overload model by modifying Smad2/3 transactivation. <i>Cardiovascular Research</i> , 2018 , 114, 1629-1641	9.9	42

88	Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 557-576	3.8	205
87	Proximal Tubulopathy: Prime Mover and Key Therapeutic Target in Diabetic Kidney Disease. <i>Diabetes</i> , 2017 , 66, 791-800	0.9	133
86	Sirtuin 1 Activation Reduces Transforming Growth Factor- β -Induced Fibrogenesis and Affords Organ Protection in a Model of Progressive, Experimental Kidney and Associated Cardiac Disease. <i>American Journal of Pathology</i> , 2017 , 187, 80-90	5.8	30
85	Progenitor cell secretory products exert additive renoprotective effects when combined with ace inhibitors in experimental CKD. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016 , 17,	3	2
84	Hypertension Canada's 2016 Canadian Hypertension Education Program Guidelines for Blood Pressure Measurement, Diagnosis, Assessment of Risk, Prevention, and Treatment of Hypertension. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 569-88	3.8	314
83	Sodium-Glucose Linked Cotransporter-2 Inhibition Does Not Attenuate Disease Progression in the Rat Remnant Kidney Model of Chronic Kidney Disease. <i>PLoS ONE</i> , 2016 , 11, e0144640	3.7	37
82	The 2015 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 549-68	3.8	222
81	Heart failure: fatal, forgotten, and frequent in type 1 diabetes too. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 832-4	18.1	3
80	Application of Modular Therapy for Renoprotection in Experimental Chronic Kidney Disease. <i>Tissue Engineering - Part A</i> , 2015 , 21, 1963-72	3.9	1
79	Heart failure in diabetes: effects of anti-hyperglycaemic drug therapy. <i>Lancet, The</i> , 2015 , 385, 2107-17	4.0	188
78	The 2014 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 485-501	3.8	198
77	Impaired cardiac anti-oxidant activity in diabetes: human and correlative experimental studies. <i>Acta Diabetologica</i> , 2014 , 51, 771-82	3.9	10
76	The endothelium in diabetic nephropathy. <i>Current Atherosclerosis Reports</i> , 2014 , 16, 410	6	19
75	SDF-1/CXCR4 signaling preserves microvascular integrity and renal function in chronic kidney disease. <i>PLoS ONE</i> , 2014 , 9, e92227	3.7	34
74	Sodium-glucose linked transporter-2 inhibitors: potential for renoprotection beyond blood glucose lowering?. <i>Kidney International</i> , 2014 , 86, 693-700	9.9	81
73	A new anti-fibrotic drug attenuates cardiac remodeling and systolic dysfunction following experimental myocardial infarction. <i>International Journal of Cardiology</i> , 2013 , 168, 1174-85	3.2	10
72	The 2013 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 528-42	3.8	147
71	Role of the eNOS-NO system in regulating the antiproteinuric effects of VEGF receptor 2 inhibition in diabetes. <i>BioMed Research International</i> , 2013 , 2013, 201475	3	11

70	The 2012 Canadian hypertension education program recommendations for the management of hypertension: blood pressure measurement, diagnosis, assessment of risk, and therapy. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 270-87	3.8	133
69	Bone marrow cell therapies for endothelial repair and their relevance to kidney disease. <i>Seminars in Nephrology</i> , 2012 , 32, 215-23	4.8	10
68	Cell therapy for diabetic nephropathy: is the future, now?. <i>Seminars in Nephrology</i> , 2012 , 32, 486-93	4.8	3
67	FT011, a new anti-fibrotic drug, attenuates fibrosis and chronic heart failure in experimental diabetic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2012 , 14, 549-62	12.3	30
66	Early-outgrowth bone marrow cells attenuate renal injury and dysfunction via an antioxidant effect in a mouse model of type 2 diabetes. <i>Diabetes</i> , 2012 , 61, 2114-25	0.9	29
65	Hyperglycemia and renal mass ablation synergistically augment albuminuria in the diabetic subtotaly nephrectomized rat: implications for modeling diabetic nephropathy. <i>Nephron Extra</i> , 2012 , 2, 115-24		3
64	The CXCR4/CXCR7/SDF-1 pathway contributes to the pathogenesis of Shiga toxin-associated hemolytic uremic syndrome in humans and mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 759-76	15.9	79
63	A purpose-synthesised anti-fibrotic agent attenuates experimental kidney diseases in the rat. <i>PLoS ONE</i> , 2012 , 7, e47160	3.7	35
62	Hypertension revisited. <i>Canadian Family Physician</i> , 2012 , 58, 634-6	0.9	
61	Vasoactive Molecules and the Kidney 2012 , 384-420		2
60	Long-term administration of the histone deacetylase inhibitor vorinostat attenuates renal injury in experimental diabetes through an endothelial nitric oxide synthase-dependent mechanism. <i>American Journal of Pathology</i> , 2011 , 178, 2205-14	5.8	114
59	The 2011 Canadian Hypertension Education Program recommendations for the management of hypertension: blood pressure measurement, diagnosis, assessment of risk, and therapy. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 415-433.e1-2	3.8	93
58	The cardiac (pro)renin receptor is primarily expressed in myocyte transverse tubules and is increased in experimental diabetic cardiomyopathy. <i>Journal of Hypertension</i> , 2011 , 29, 1175-84	1.9	34
57	Inhibition of the epidermal growth factor receptor preserves podocytes and attenuates albuminuria in experimental diabetic nephropathy. <i>Nephrology</i> , 2011 , 16, 573-81	2.2	49
56	Histone deacetylase inhibition attenuates diabetes-associated kidney growth: potential role for epigenetic modification of the epidermal growth factor receptor. <i>Kidney International</i> , 2011 , 79, 1312-21	9.9	89
55	Fluorescent microangiography is a novel and widely applicable technique for delineating the renal microvasculature. <i>PLoS ONE</i> , 2011 , 6, e24695	3.7	24
54	Hypertension in people with type 2 diabetes: Update on pharmacologic management. <i>Canadian Family Physician</i> , 2011 , 57, 997-1002, e347-53	0.9	35
53	Culture-modified bone marrow cells attenuate cardiac and renal injury in a chronic kidney disease rat model via a novel antifibrotic mechanism. <i>PLoS ONE</i> , 2010 , 5, e9543	3.7	51

52	The 2010 Canadian Hypertension Education Program recommendations for the management of hypertension: part 2 - therapy. <i>Canadian Journal of Cardiology</i> , 2010 , 26, 249-58	3.8	131
51	Expression, localization, and function of the thioredoxin system in diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 730-41	12.7	89
50	Protein kinase C-beta inhibition attenuates the progression of nephropathy in non-diabetic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 1782-90	4.3	18
49	The (Pro)renin receptor: site-specific and functional linkage to the vacuolar H ⁺ -ATPase in the kidney. <i>Hypertension</i> , 2009 , 54, 261-9	8.5	205
48	The 2009 Canadian Hypertension Education Program recommendations for the management of hypertension: Part 2--therapy. <i>Canadian Journal of Cardiology</i> , 2009 , 25, 287-98	3.8	97
47	Tranilast attenuates diastolic dysfunction and structural injury in experimental diabetic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H2860-9	5.2	50
46	Macrophage infiltration and cellular proliferation in the non-ischemic kidney and heart following prolonged unilateral renal ischemia. <i>Nephron Physiology</i> , 2007 , 106, p54-62		41
45	Role of VEGF in maintaining renal structure and function under normotensive and hypertensive conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 14448-53	11.5	116
44	High glucose-induced thioredoxin-interacting protein in renal proximal tubule cells is independent of transforming growth factor-beta1. <i>American Journal of Pathology</i> , 2007 , 171, 744-54	5.8	67
43	Heart failure and nephropathy: catastrophic and interrelated complications of diabetes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2006 , 1, 193-208	6.9	44
42	SB-267268, a nonpeptidic antagonist of alpha(v)beta3 and alpha(v)beta5 integrins, reduces angiogenesis and VEGF expression in a mouse model of retinopathy of prematurity. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 1600-5		48
41	Transforming growth factor-beta in human diabetic nephropathy: effects of ACE inhibition. <i>Diabetes Care</i> , 2006 , 29, 2670-5	14.6	47
40	Protein kinase Cbeta inhibition attenuates osteopontin expression, macrophage recruitment, and tubulointerstitial injury in advanced experimental diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 1654-60	12.7	69
39	Tranilast attenuates cardiac matrix deposition in experimental diabetes: role of transforming growth factor-beta. <i>Cardiovascular Research</i> , 2005 , 65, 694-701	9.9	84
38	Fas-induced apoptosis is a feature of progressive diabetic nephropathy in transgenic (mRen-2)27 rats: attenuation with renin-angiotensin blockade. <i>Nephrology</i> , 2004 , 9, 7-13	2.2	20
37	Inhibition of platelet-derived growth factor promotes pericyte loss and angiogenesis in ischemic retinopathy. <i>American Journal of Pathology</i> , 2004 , 164, 1263-73	5.8	99
36	Urotensin-II as a novel therapeutic target in the clinical management of cardiorenal disease. <i>Current Opinion in Investigational Drugs</i> , 2004 , 5, 276-82		9
35	Protein kinase C beta inhibition attenuates the progression of experimental diabetic nephropathy in the presence of continued hypertension. <i>Diabetes</i> , 2003 , 52, 512-8	0.9	151

34	Vascular endothelial growth factor expression and glomerular endothelial cell loss in the remnant kidney model. <i>Nephrology Dialysis Transplantation</i> , 2003 , 18, 1286-92	4.3	32
33	Mast cell infiltration and chemokine expression in progressive renal disease. <i>Kidney International</i> , 2003 , 64, 906-13	9.9	56
32	Are beta-blockers as efficacious in patients with diabetes mellitus as in patients without diabetes mellitus who have chronic heart failure? A meta-analysis of large-scale clinical trials. <i>American Heart Journal</i> , 2003 , 146, 848-53	4.9	152
31	The renin-angiotensin system influences ocular endothelial cell proliferation in diabetes: transgenic and interventional studies. <i>American Journal of Pathology</i> , 2003 , 162, 151-60	5.8	97
30	Demographics and concomitant disorders in heart failure. <i>Lancet, The</i> , 2003 , 362, 147-58	4.0	118
29	Urinary connective tissue growth factor excretion in patients with type 1 diabetes and nephropathy. <i>Diabetes Care</i> , 2003 , 26, 2632-6	14.6	91
28	Direct actions of urotensin II on the heart: implications for cardiac fibrosis and hypertrophy. <i>Circulation Research</i> , 2003 , 93, 246-53	15.7	184
27	COX-2 inhibition and retinal angiogenesis in a mouse model of retinopathy of prematurity. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 974-9		87
26	Attenuation of tubular apoptosis by blockade of the renin-angiotensin system in diabetic Ren-2 rats. <i>Kidney International</i> , 2002 , 61, 31-9	9.9	68
25	Vasopeptidase inhibition attenuates the progression of renal injury in subtotal nephrectomized rats. <i>Kidney International</i> , 2001 , 60, 715-21	9.9	60
24	Angiotensin-converting enzyme inhibition attenuates renal platelet-derived growth factor gene expression and cell proliferation in subtotal nephrectomy. <i>Nephrology</i> , 2001 , 6, 290-297	2.2	
23	The interaction between the renin-angiotensin system and vascular endothelial growth factor in the pathogenesis of retinal neovascularization in diabetes. <i>Journal of Vascular Research</i> , 2001 , 38, 527-35 ^{1.9}		23
22	Urinary transforming growth factor-beta in patients with diabetic nephropathy: implications for the pathogenesis of tubulointerstitial pathology. <i>Nephrology Dialysis Transplantation</i> , 2001 , 16, 2442-3	4.3	15
21	Effect of angiotensin II type 1 receptor blockade on experimental hepatic fibrogenesis. <i>Journal of Hepatology</i> , 2001 , 35, 376-85	13.4	139
20	Aminoguanidine ameliorates overexpression of pro-sclerotic growth factors and collagen deposition in experimental diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 2098-2107	12.7	88
19	Effects of endothelin or angiotensin II receptor blockade on diabetes in the transgenic (mRen-2)27 rat. <i>Kidney International</i> , 2000 , 57, 1882-94	9.9	74
18	Osteopontin expression in progressive renal injury in remnant kidney: role of angiotensin II. <i>Kidney International</i> , 2000 , 58, 1469-80	9.9	64
17	Angiotensin type 2 receptor is expressed in the adult rat kidney and promotes cellular proliferation and apoptosis. <i>Kidney International</i> , 2000 , 58, 2437-51	9.9	98

16	Is there a role for endothelin antagonists in diabetic renal disease?. <i>Diabetes, Obesity and Metabolism</i> , 2000 , 2, 15-24	6.7	8
15	Retinal neovascularization is prevented by blockade of the renin-angiotensin system. <i>Hypertension</i> , 2000 , 36, 1099-104	8.5	201
14	Blockade of the renin-angiotensin and endothelin systems on progressive renal injury. <i>Hypertension</i> , 2000 , 36, 561-8	8.5	77
13	Endothelin receptor antagonism ameliorates mast cell infiltration, vascular hypertrophy, and epidermal growth factor expression in experimental diabetes. <i>Circulation Research</i> , 2000 , 86, 158-65	15.7	65
12	Diabetes-induced vascular hypertrophy is accompanied by activation of Na(+)-H(+) exchange and prevented by Na(+)-H(+) exchange inhibition. <i>Circulation Research</i> , 2000 , 87, 1133-40	15.7	55
11	The tubulointerstitium in progressive diabetic kidney disease: more than an aftermath of glomerular injury?. <i>Kidney International</i> , 1999 , 56, 1627-37	9.9	483
10	Role of hyperlipidemia in progressive renal disease: focus on diabetic nephropathy. <i>Kidney International</i> , 1999 , 71, S31-6	9.9	67
9	Pathological expression of renin and angiotensin II in the renal tubule after subtotal nephrectomy. Implications for the pathogenesis of tubulointerstitial fibrosis. <i>American Journal of Pathology</i> , 1999 , 155, 429-40	5.8	121
8	Renal expression of transforming growth factor-beta inducible gene-h3 (beta ig-h3) in normal and diabetic rats. <i>Kidney International</i> , 1998 , 54, 1052-62	9.9	66
7	Pathophysiology of diabetic nephropathy. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 3-6	12.7	34
6	Attenuation of diabetes-associated mesenteric vascular hypertrophy with perindopril: morphological and molecular biological studies. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 24-7	12.7	14
5	Diabetic vascular complications. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997 , 24, 770-5	3	48
4	Transforming growth factor beta 1 and renal injury following subtotal nephrectomy in the rat: role of the renin-angiotensin system. <i>Kidney International</i> , 1997 , 51, 1553-67	9.9	149
3	SPARC gene expression is reduced in early diabetes-related kidney growth. <i>Kidney International</i> , 1995 , 48, 1216-25	9.9	29
2	Diabetes and hypertension: prognostic and therapeutic considerations. <i>Blood Pressure</i> , 1995 , 4, 329-38	1.7	7
1	Long-term glycemic control and the rate of progression of early diabetic kidney disease. <i>Kidney International</i> , 1993 , 44, 855-9	9.9	74