Fuad N Ziyadeh

List of Publications by Year
in descending order

100 papers	14,943 citations	38742 50 h-index	45317 90 g-index
102 all docs	102 docs citations	102 times ranked	12337 citing authors

#	Article	IF	Citations
1	Modulation of Neuro-Inflammatory Signals in Microglia by Plasma Prekallikrein and Neuronal Cell Debris. Frontiers in Pharmacology, 2021, 12, 743059.	3.5	2
2	Pathophysiology of Diabetic Nephropathy. , 2020, , 279-296.		7
3	Vascular Cells Proteome Associated with Bradykinin and Leptin Inflammation and Oxidative Stress Signals. Antioxidants, 2020, 9, 1251.	5.1	5
4	Modulation of proteomic and inflammatory signals by Bradykinin in podocytes. Journal of Advanced Research, 2020, 24, 409-422.	9.5	8
5	Heteromerization fingerprints between bradykinin B2 and thromboxane TP receptors in native cells. PLoS ONE, 2019, 14, e0216908.	2.5	13
6	Proteome profiling in the aorta and kidney of type 1 diabetic rats. PLoS ONE, 2017, 12, e0187752.	2.5	14
7	Abstract 133: Mechanistic Insights Into Bradykinin and Thromboxane Receptors Heterodimerization in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	1
8	Pathophysiology of Diabetic Nephropathy. , 2015, , 151-162.		1
9	Overview of the Physiology and Pathophysiology of Leptin With Special Emphasis on its Role in the Kidney. Seminars in Nephrology, 2013, 33, 54-65.	1.6	51
10	End stage renal disease in six patients with beta-thalassemia intermedia. Blood Cells, Molecules, and Diseases, 2013, 51, 146-148.	1.4	8
11	Pathophysiology and Pathogenesis of Diabetic Nephropathy. , 2013, , 2605-2632.		4
12	Glomerular Hyperfiltration and Proteinuria in Transfusion-Independent Patients with Î²-Thalassemia Intermedia. Nephron, 2013, 121, c136-c143.	1.8	31
13	Effects of weight reduction regimens and bariatric surgery on chronic kidney disease in obese patients. American Journal of Physiology - Renal Physiology, 2013, 305, F613-F617.	2.7	19
14	Emerging Therapies for Diabetic Nephropathy Patients: Beyond Blockade of the Renin-Angiotensin System. Nephron Extra, 2012, 2, 278-282.	1.1	14
15	Global Renal Gene Expression Profiling Analysis in B2-Kinin Receptor Null Mice: Impact of Diabetes. PLoS ONE, 2012, 7, e44714.	2.5	16
16	Angiogenic Factors. Contributions To Nephrology, 2011, 170, 83-92.	1.1	16
17	The cardiorenal syndrome in diabetes mellitus. Diabetes Research and Clinical Practice, 2010, 89, 201-208.	2.8	37
18	Transforming growth factor-Î² and diabetic nephropathy. Journal of Organ Dysfunction, 2009, 5, 130-139.	0.3	3

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19	Management of Diabetic Nephropathy. , 2009, , 224-231.		0
20	Vascular endothelial growth factor and diabetic nephropathy. Current Diabetes Reports, 2008, 8, 470-476.	4.2	52
21	Different roles for TGF-Î² and VEGF in the pathogenesis of the cardinal features of diabetic nephropathy. Diabetes Research and Clinical Practice, 2008, 82, S38-S41.	2.8	65
22	Pathogenesis of the Podocytopathy and Proteinuria in Diabetic Glomerulopathy. Current Diabetes Reviews, 2008, 4, 39-45.	1.3	331
23	Pathophysiology and Pathogenesis of Diabetic Nephropathy. , 2008, , 2215-2233.		2
24	Interference with TGF-Î² signaling by Smad3-knockout in mice limits diabetic glomerulosclerosis without affecting albuminuria. American Journal of Physiology - Renal Physiology, 2007, 293, F1657-F1665.	2.7	110
25	Cellular and Molecular Mechanisms of Proteinuria in Diabetic Nephropathy. Nephron Physiology, 2007, 106, p26-p31.	1.2	203
26	Transforming Growth Factor-Î² Signal Transduction in the Pathogenesis of Diabetic Nephropathy. , 2006, , 201-221.		1
27	Amadori-modified glycated serum proteins and accelerated atherosclerosis in diabetes: Pathogenic and therapeutic implications. Translational Research, 2006, 147, 211-219.	2.3	68
28	Leptin and Renal Fibrosis. , 2006, 151, 175-183.		151
29	Blockade of Vascular Endothelial Growth Factor Signaling Ameliorates Diabetic Albuminuria in Mice. Journal of the American Society of Nephrology: JASN, 2006, 17, 3093-3104.	6.1	179
30	Angiotensin II stimulates Î±3(IV) collagen production in mouse podocytes via TGF-Î² and VEGF signalling: implications for diabetic glomerulopathy. Nephrology Dialysis Transplantation, 2005, 20, 1320-1328.	0.7	98
31	Evidence linking glycated albumin to altered glomerular nephrin and VEGF expression, proteinuria, and diabetic nephropathy. Kidney International, 2005, 68, 1554-1561.	5.2	56
32	From the Periphery of the Glomerular Capillary Wall Toward the Center of Disease. Diabetes, 2005, 54, 1626-1634.	0.6	521
33	Assessment of 115 Candidate Genes for Diabetic Nephropathy by Transmission/Disequilibrium Test. Diabetes, 2005, 54, 3305-3318.	0.6	102
34	Podocyte-Derived Vascular Endothelial Growth Factor Mediates the Stimulation of Î±3(IV) Collagen Production by Transforming Growth Factor-Î²1 in Mouse Podocytes. Diabetes, 2004, 53, 2939-2949.	0.6	101
35	Cultured tubule cells from TGF-Î²1 null mice exhibit impaired hypertrophy and fibronectin expression in high glucose. Kidney International, 2004, 65, 1191-1204.	5.2	29
36	Mediators of Diabetic Renal Disease. Journal of the American Society of Nephrology: JASN, 2004, 15, S55-S57.	6.1	400

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37	Albumin up-regulates the type II transforming growth factor-beta receptor in cultured proximal tubular cells. Kidney International, 2004, 66, 1849-1858.	5.2	65
38	Why should an angiogenic factor modulate tubular structure in diabetic nephropathy? Some answers, more questions. Kidney International, 2003, 64, 758-759.	5.2	3
39	Diabetic nephropathy and transforming growth factor-Î²: transforming our view of glomerulosclerosis and fibrosis build-up. Seminars in Nephrology, 2003, 23, 532-543.	1.6	233
40	Reversibility of established diabetic glomerulopathy by anti-TGF-Î² antibodies in db/db mice. Biochemical and Biophysical Research Communications, 2003, 300, 16-22.	2.1	120
41	Overview. Journal of the American Society of Nephrology: JASN, 2003, 14, 1355-1357.	6.1	88
42	Regulation of Inducible Class II MHC, Costimulatory Molecules, and Cytokine Expression in TGF-Î²1 Knockout Renal Epithelial Cells: Effect of Exogenous TGF-Î²1. Nephron Experimental Nephrology, 2002, 10, 320-331.	2.2	6
43	Smad pathway is activated in the diabetic mouse kidney and Smad3 mediates TGF-Î²-induced fibronectin in mesangial cells. Biochemical and Biophysical Research Communications, 2002, 296, 1356-1365.	2.1	161
44	Leptin and renal disease. American Journal of Kidney Diseases, 2002, 39, 1-11.	1.9	6,157
45	Role of basic fibroblast growth factor-2 in epithelial-mesenchymal transformation. Kidney International, 2002, 61, 1714-1728.	5.2	398
46	Inhibiting albumin glycation in vivo ameliorates glomerular overexpression of TGF-Î²1. Kidney International, 2002, 61, 2025-2032.	5.2	26
47	Effects of high glucose and TGF-Î²1 on the expression of collagen IV and vascular endothelial growth factor in mouse podocytes. Kidney International, 2002, 62, 901-913.	5.2	182
48	Increased Glomerular and Tubular Expression of Transforming Growth Factor-Î²1, Its Type II Receptor, and Activation of the Smad Signaling Pathway in the db/db Mouse. American Journal of Pathology, 2001, 158, 1653-1663.	3.8	187
49	Antioxidant treatment induces transcription and expression of transforming growth factor Î² in cultured renal proximal tubular cells. FEBS Letters, 2001, 488, 154-159.	2.8	28
50	Hydrogen peroxide increases extracellular matrix mRNA through TGF-Î² in human mesangial cells. Kidney International, 2001, 59, 87-95.	5.2	196
51	Glycated albumin stimulates TGF-Î²bgr;1 production and protein kinase C activity in glomerular endothelial cells. Kidney International, 2001, 59, 673-681.	5.2	99
52	Leptin stimulates type I collagen production in db/db mesangial cells: Glucose uptake and TGF-Î² type II receptor expression. Kidney International, 2001, 59, 1315-1323.	5.2	126
53	THE KEY ROLE OF THE TRANSFORMING GROWTH FACTOR-Î² SYSTEM IN THE PATHOGENESIS OF DIABETIC NEPHROPATHY. Renal Failure, 2001, 23, 471-481.	2.1	88
54	Amadori-glycated albumin in diabetic nephropathy: Pathophysiologic connections. Kidney International, 2000, 58, S40-S44.	5.2	72

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55	F2-isoprostanes mediate high glucose-induced TGF-Î² synthesis and glomerular proteinuria in experimental type I diabetes. Kidney International, 2000, 58, 1963-1972.	5.2	96
56	Hepatocyte growth factor: A regulator of extracellular matrix genes in mouse mesangial cells. Biochemical Pharmacology, 2000, 59, 847-853.	4.4	27
57	Therapy with antisense TGF-Î²1 oligodeoxynucleotides reduces kidney weight and matrix mRNAs in diabetic mice. American Journal of Physiology - Renal Physiology, 2000, 278, F628-F634.	2.7	88
58	Stimulation of TGF-Î² type II receptor by high glucose in mouse mesangial cells and in diabetic kidney. American Journal of Physiology - Renal Physiology, 2000, 278, F830-F838.	2.7	57
59	Transforming Growth Factor-Î² and other Cytokines in Experimental and Human Nephropathy. , 2000, , 313-338.		3
60	Extracellular Signal-Regulated Kinase Mediates Stimulation of TGF-Î²1 and Matrix by High Glucose in Mesangial Cells. Journal of the American Society of Nephrology: JASN, 2000, 11, 2222-2230.	6.1	115
61	Glycated albumin stimulation of PKC-Î² activity is linked to increased collagen IV in mesangial cells. American Journal of Physiology - Renal Physiology, 1999, 276, F684-F690.	2.7	29
62	Favorable Treatment Outcome with Neutralizing anti Transforming Growth Factor I:} Antibodies in Experimental Diabetic Kidney Disease. Peritoneal Dialysis International, 1999, 19, 234-237.	2.3	3
63	GLUT1 and TGF-Î²: the link between hyperglycaemia and diabetic nephropathy. Nephrology Dialysis Transplantation, 1999, 14, 2827-2829.	0.7	46
64	Molecular mechanisms of diabetic renal hypertrophy. Kidney International, 1999, 56, 393-405.	5.2	417
65	Leptin stimulates proliferation and TGF-Î² expression in renal glomerular endothelial cells: Potential role in glomerulosclerosis. Kidney International, 1999, 56, 860-872.	5.2	326
66	Angiotensin II stimulates expression of transforming growth factor Î² receptor type II in cultured mouse proximal tubular cells. Journal of Molecular Medicine, 1999, 77, 556-564.	3.9	88
67	Captopril-induced reduction of serum levels of transforming growth Factor-Î²1 correlates with long-term renoprotection in insulin-dependent diabetic patients. American Journal of Kidney Diseases, 1999, 34, 818-823.	1.9	156
68	Angiotensin II Induces Î±3(IV) Collagen Expression in Cultured Murine Proximal Tubular Cells. Proceedings of the Association of American Physicians, 1999, 111, 357-364.	2.0	35
69	High Glucose Stimulates Proliferation and Collagen Type I Synthesis in Renal Cortical Fibroblasts. Journal of the American Society of Nephrology: JASN, 1999, 10, 1891-1899.	6.1	129
70	Glomerular expression of p27Kip1 in diabetic db/db mouse: Role of hyperglycemia. Kidney International, 1998, 53, 869-879.	5.2	88
71	Transcriptional activation of transforming growth factor-Î²1 in mesangial cell culture by high glucose concentration. Kidney International, 1998, 54, 1107-1116.	5.2	153
72	Glycated albumin stimulates fibronectin gene expression in glomerular mesangial cells: Involvement of the transforming growth factor-Î² system. Kidney International, 1998, 53, 631-638.	5.2	117

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73	Activation of Glomerular Mesangial Cells by Hepatocyte Growth Factor Through Tyrosine Kinase and Protein Kinase C. Biochemical Pharmacology, 1998, 55, 227-234.	4.4	11
74	The Renal TGF-Î² System in the db/db Mouse Model of Diabetic Nephropathy. Nephron Experimental Nephrology, 1998, 6, 226-233.	2.2	40
75	Potential Role of TGF-Î² in Diabetic Nephropathy. Mineral and Electrolyte Metabolism, 1998, 24, 190-196.	1.1	59
76	Estradiol reverses TGF-Î²1-stimulated type IV collagen gene transcription in murine mesangial cells. American Journal of Physiology - Renal Physiology, 1998, 274, F1113-F1118.	2.7	41
77	Increased decorin mRNA in diabetic mouse kidney and in mesangial and tubular cells cultured in high glucose. American Journal of Physiology - Renal Physiology, 1998, 275, F827-F832.	2.7	24
78	Transforming Growth Factor-Beta and other Cytokines in Experimental and Human Diabetic Nephropathy. , 1998, , 321-333.		0
79	The role of angiotensin II in diabetic nephropathy: Emphasis on nonhemodynamic mechanisms. American Journal of Kidney Diseases, 1997, 29, 153-163.	1.9	220
80	RAGE mRNA expression in the diabetic mouse kidney. Molecular and Cellular Biochemistry, 1997, 170, 147-152.	3.1	11
81	Diabetes and hypertension. Australian Diabetes Society position statement. Medical Journal of Australia, 1996, 164, 571-572.	1.7	0
82	Update on pathogenesis, markers and management of diabetic nephropathy. Current Opinion in Nephrology and Hypertension, 1996, 5, 243-253.	2.0	24
83	The Use of Neutralizing Antibodies to Demonstrate the Role of Transforming Growth Factor-ï¿½ and Amadori-Glycated Albumin as Mediators of Experimental Diabetic Kidney Disease. Contributions To Nephrology, 1996, 118, 188-194.	1.1	6
84	Angiotensin II Is Mitogenic for Cultured Rat Glomerular Endothelial Cells. Hypertension, 1996, 27, 897-905.	2.7	70
85	Facilitative glucose transport proteins and sodium-glucose co-transporters in the kidney. Current Opinion in Nephrology and Hypertension, 1995, 4, 406-412.	2.0	8
86	Albumin modified by Amadori glucose adducts activates mesangial cell type IV collagen gene transcription. Molecular and Cellular Biochemistry, 1995, 151, 61-67.	3.1	37
87	Glycated albumin modified by amadori adducts modulates aortic endothelial cell biology. Molecular and Cellular Biochemistry, 1995, 143, 73-79.	3.1	20
88	Angiotensin II-stimulated expression of transforming growth factor beta in renal proximal tubular cells: Attenuation after stable transfection with the c-mas oncogene. Kidney International, 1995, 48, 1818-1827.	5.2	63
89	Role of protein kinase C and cyclic AMP/protein kinase A in high glucose-stimulated transcriptional activation of collagen Î±1 (IV) in glomerular mesangial cells. Journal of Diabetes and Its Complications, 1995, 9, 255-261.	2.3	34
90	Amadori glucose adducts modulate mesangial cell growth and collagen gene expression. Kidney International, 1994, 45, 475-484.	5.2	101

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91	Polyol pathway mediates high glucose-induced collagen synthesis in proximal tubule. Kidney International, 1994, 45, 659-666.	5.2	47
92	Effects of glycated albumin on mesangial cells: evidence for a role in diabetic nephropathy. Molecular and Cellular Biochemistry, 1993, 125, 19-25.	3.1	66
93	Renal tubular basement membrane and collagen type IV in diabetes mellitus. Kidney International, 1993, 43, 114-120.	5.2	89
94	The Extracellular Matrix in Diabetic Nephropathy. American Journal of Kidney Diseases, 1993, 22, 736-744.	1.9	247
95	Role of insulin and IGF1 receptors in proliferation of cultured renal proximal tubule cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1133, 329-335.	4.1	22
96	Elevated glucose stimulates TGF-Î² gene expression and bioactivity in proximal tubule. Kidney International, 1992, 41, 107-114.	5.2	244
97	High glucose-induced proliferation in mesangial cells is reversed by autocrine TGF-Î². Kidney International, 1992, 42, 647-656.	5.2	306
98	The influence of glucose concentration on angiotensin II-induced hypertrophy of proximal tubular cells in culture. Biochemical and Biophysical Research Communications, 1991, 176, 902-909.	2.1	70
99	The renal tubulointerstitium in diabetes mellitus. Kidney International, 1991, 39, 464-475.	5.2	154
100	TRANSFORMING GROWTH FACTOR-Î² AND OTHER CYTOKINES IN EXPERIMENTAL AND HUMAN DIABETIC NEPHROPATHY. , 0, , 397-432.		1