

Denis Feliers

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,431
citations

172207

29
h-index

205818

48
g-index

62
all docs

62
docs citations

62
times ranked

3248
citing authors

#	ARTICLE	IF	CITATIONS
1	A role for AMP-activated protein kinase in diabetes-induced renal hypertrophy. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F617-F627.	1.3	253
2	VEGF regulation of endothelial nitric oxide synthase in glomerular endothelial cells. <i>Kidney International</i> , 2005, 68, 1648-1659.	2.6	118
3	Neutrophil peptidyl arginine deiminase-4 has a pivotal role in ischemia/reperfusion-induced acute kidney injury. <i>Kidney International</i> , 2018, 93, 365-374.	2.6	116
4	Regulation of Elongation Phase of mRNA Translation in Diabetic Nephropathy. <i>American Journal of Pathology</i> , 2007, 171, 1733-1742.	1.9	114
5	Hydrogen Sulfide Inhibits High Glucose-induced Matrix Protein Synthesis by Activating AMP-activated Protein Kinase in Renal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 4451-4461.	1.6	108
6	Angiotensin II activates Akt/protein kinase B by an arachidonic acid/redox-dependent pathway and independent of phosphoinositide 3-kinase. <i>FASEB Journal</i> , 2001, 15, 1909-1920.	0.2	99
7	Activation of renal signaling pathways in db/db mice with type 2 diabetes. <i>Kidney International</i> , 2001, 60, 495-504.	2.6	94
8	Apelin retards the progression of diabetic nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F788-F800.	1.3	86
9	Hydrogen Sulfide in Renal Physiology and Disease. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 720-731.	2.5	82
10	Insulin regulation of protein translation repressor 4E-BP1, an eIF4E-binding protein, in renal epithelial cells. <i>Kidney International</i> , 2001, 59, 866-875.	2.6	73
11	High Glucose, High Insulin, and Their Combination Rapidly Induce Laminin- α 21 Synthesis by Regulation of mRNA Translation in Renal Epithelial Cells. <i>Diabetes</i> , 2007, 56, 476-485.	0.3	71
12	Angiotensin II stimulation of VEGF mRNA translation requires production of reactive oxygen species. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F927-F936.	1.3	68
13	Raptor-ricor axis in TGF β 2-induced protein synthesis. <i>Cellular Signalling</i> , 2008, 20, 409-423.	1.7	60
14	Metformin prevents renal interstitial fibrosis in mice with unilateral ureteral obstruction. <i>Molecular and Cellular Endocrinology</i> , 2015, 412, 116-122.	1.6	59
15	Rapamycin Increases Mortality in <i>db/db</i> Mice, a Mouse Model of Type 2 Diabetes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 850-857.	1.7	57
16	mRNA Translation: Unexplored Territory in Renal Science. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 3281-3292.	3.0	56
17	Regulation of mRNA translation in renal physiology and disease. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F1153-F1165.	1.3	52
18	Hydrogen sulfide ameliorates aging-associated changes in the kidney. <i>GeroScience</i> , 2018, 40, 163-176.	2.1	49

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19	Stabilization of HIF-2 α through redox regulation of mTORC2 activation and initiation of mRNA translation. <i>Oncogene</i> , 2013, 32, 3147-3155.	2.6	47
20	Translational regulation of vascular endothelial growth factor expression in renal epithelial cells by angiotensin II. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F521-F529.	1.3	45
21	Resveratrol ameliorates high glucose-induced protein synthesis in glomerular epithelial cells. <i>Cellular Signalling</i> , 2010, 22, 65-70.	1.7	42
22	Hydrogen sulfide inhibits high glucose-induced NADPH oxidase 4 expression and matrix increase by recruiting inducible nitric oxide synthase in kidney proximal tubular epithelial cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 5665-5675.	1.6	40
23	Molecular events in matrix protein metabolism in the aging kidney. <i>Aging Cell</i> , 2012, 11, 1065-1073.	3.0	38
24	Tadalafil Integrates Nitric Oxide-Hydrogen Sulfide Signaling to Inhibit High Glucose-induced Matrix Protein Synthesis in Podocytes. <i>Journal of Biological Chemistry</i> , 2015, 290, 12014-12026.	1.6	38
25	Erk in Kidney Diseases. <i>Journal of Signal Transduction</i> , 2011, 2011, 1-8.	2.0	37
26	Activation of Cyclin D1-Cdk4 and Cdk4-Directed Phosphorylation of RB Protein in Diabetic Mesangial Hypertrophy. <i>Diabetes</i> , 2002, 51, 3290-3299.	0.3	37
27	Interplay between RNA-binding protein HuR and Nox4 as a novel therapeutic target in diabetic kidney disease. <i>Molecular Metabolism</i> , 2020, 36, 100968.	3.0	35
28	Hydrogen sulfide as a regulatory factor in kidney health and disease. <i>Biochemical Pharmacology</i> , 2018, 149, 29-41.	2.0	34
29	Characterization and regulation of insulin-like growth factor binding proteins in human hepatic stellate cells. , 1998, 174, 240-250.		32
30	PKC δ regulates the stimulation of vascular endothelial factor mRNA translation by angiotensin II through hnRNP K. <i>Cellular Signalling</i> , 2008, 20, 969-977.	1.7	31
31	The complex world of kidney microRNAs. <i>Kidney International</i> , 2011, 80, 334-337.	2.6	31
32	Heterogeneous nuclear ribonucleoprotein K contributes to angiotensin II stimulation of vascular endothelial growth factor mRNA translation. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F607-F615.	1.3	30
33	Symmetric dimethylarginine alters endothelial nitric oxide activity in glomerular endothelial cells. <i>Cellular Signalling</i> , 2015, 27, 1-5.	1.7	28
34	Mechanism of VEGF expression by high glucose in proximal tubule epithelial cells. <i>Molecular and Cellular Endocrinology</i> , 2010, 314, 136-142.	1.6	27
35	Spleen contributes significantly to increased circulating levels of fibroblast growth factor 23 in response to lipopolysaccharide-induced inflammation. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 960-968.	0.4	25
36	Inhibitory Effect of Annexin V on Protein Kinase C Activity in Mesangial Cell Lysates. <i>FEBS Journal</i> , 1995, 232, 865-872.	0.2	25

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37	Acute hyperglycemia rapidly stimulates VEGF mRNA translation in the kidney. Role of angiotensin type 2 receptor (AT2). Cellular Signalling, 2010, 22, 1849-1857.	1.7	23
38	Marmoset as a Model to Study Kidney Changes Associated With Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 315-324.	1.7	19
39	Novel mechanisms of protein synthesis in diabetic nephropathy—role of mRNA translation. Reviews in Endocrine and Metabolic Disorders, 2008, 9, 255-266.	2.6	18
40	Potential role of insulin-like growth factor binding protein-4 in the uncoupling of bone turnover in multiple myeloma. British Journal of Haematology, 1999, 104, 715-722.	1.2	16
41	Inhibitory Effect of Annexin V on Protein Kinase C Activity in Mesangial Cell Lysates. FEBS Journal, 1995, 232, 865-872.	0.2	14
42	Immunological identification of protein kinase C- β and protein kinase C- γ in cultured rat mesangial cells: Differential sensitivity of the two isoforms towards the protein kinase inhibitor H7. Cellular Signalling, 1992, 4, 559-569.	1.7	13
43	An electrochemically deposited collagen wound matrix combined with adipose-derived stem cells improves cutaneous wound healing in a mouse model of type 2 diabetes. Journal of Biomaterials Applications, 2018, 33, 553-565.	1.2	13
44	Chloride channel accessory 1 integrates chloride channel activity and mTORC1 in aging-related kidney injury. Aging Cell, 2021, 20, e13407.	3.0	11
45	Epigenetic control of podocyte differentiation: a new target of the renin-angiotensin system in kidney disease. Kidney International, 2015, 88, 668-670.	2.6	8
46	Proximal tubular epithelial insulin receptor mediates high-fat diet-induced kidney injury. JCI Insight, 2021, 6, .	2.3	8
47	Cloning of the 5'-flanking region of the murine bone morphogenetic protein-7 gene. Molecular and Cellular Biochemistry, 2002, 233, 31-37.	1.4	7
48	A Multi-Parameter Analysis of Cellular Coordination of Major Transcriptome Regulation Mechanisms. Scientific Reports, 2018, 8, 5742.	1.6	7
49	Insulin regulation of protein translation repressor 4E-BP1, an eIF4E-binding protein, in renal epithelial cells. Kidney International, 2001, 59, 866-875.	2.6	7
50	Vascular endothelial growth factor as a prognostic marker of lupus nephritis. Kidney International, 2009, 75, 1251-1253.	2.6	6
51	Heterogeneity of protein kinase C in cultured rat mesangial cells. Cellular Signalling, 1992, 4, 179-188.	1.7	5
52	Species Differences of the Thyroid Protein Kinase C Heterogeneity. Thyroid, 1994, 4, 459-465.	2.4	5
53	mRNA Translation in Diabetic Nephropathy. , 2006, , 97-116.		3
54	Inhibitory Effect of Annexin V on Protein Kinase C Activity in Mesangial Cell Lysates. FEBS Journal, 1995, 232, 865-872.	0.2	2

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55	Forskolin mimics TSH action on the expression of protein kinase C isozymes in pig thyroid cell cultures. Cellular Signalling, 1994, 6, 513-522.	1.7	1
56	Characterization and regulation of insulin-like growth factor binding proteins in human hepatic stellate cells. , 0, .		1