

Yves C Gorin

List of Publications by Year in descending order

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56
papers

5,574
citations

94269

37
h-index

161609

54
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56
all docs

56
docs citations

56
times ranked

6891
citing authors

#	ARTICLE	IF	CITATIONS
1	CSF β in Osteocytes Inhibits Nox4-mediated Oxidative Stress and Promotes Normal Bone Homeostasis. <i>JBMR Plus</i> , 2020, 4, e10080.	1.3	26
2	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
3	Akt2 causes TGF β ² -induced dephosphorylation facilitating mTOR to drive podocyte hypertrophy and matrix protein expression. <i>PLoS ONE</i> , 2018, 13, e0207285.	1.1	16
4	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
5	Sestrin2 as a Novel Biomarker and Therapeutic Target for Various Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	117
6	The Kidney: An Organ in the Front Line of Oxidative Stress-Associated Pathologies. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 639-641.	2.5	36
7	mTORC2 Signaling Regulates Nox4-Induced Podocyte Depletion in Diabetes. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 703-719.	2.5	57
8	Centrality of bone marrow in the severity of gadolinium-based contrast-induced systemic fibrosis. <i>FASEB Journal</i> , 2016, 30, 3026-3038.	0.2	14
9	Pathophysiology of gadolinium-associated systemic fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F1-F11.	1.3	57
10	Targeting NADPH oxidase with a novel dual Nox1/Nox4 inhibitor attenuates renal pathology in type 1 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F1276-F1287.	1.3	156
11	Upstream Regulators and Downstream Effectors of NADPH Oxidases as Novel Therapeutic Targets for Diabetic Kidney Disease. <i>Molecules and Cells</i> , 2015, 38, 285-296.	1.0	37
12	Activation of AMP-Activated Protein Kinase Prevents TGF β ¹ -Induced Epithelial-Mesenchymal Transition and Myofibroblast Activation. <i>American Journal of Pathology</i> , 2015, 185, 2168-2180.	1.9	73
13	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
14	Symmetric dimethylarginine alters endothelial nitric oxide activity in glomerular endothelial cells. <i>Cellular Signalling</i> , 2015, 27, 1-5.	1.7	28
15	A positive feedback loop involving Erk5 and Akt turns on mesangial cell proliferation in response to PDGF. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C1089-C1100.	2.1	21
16	Src tyrosine kinase mediates platelet-derived growth factor BB-induced and redox-dependent migration in metanephric mesenchymal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F85-F97.	1.3	12
17	RhoA/Rho kinase mediates TGF β ¹ -induced kidney myofibroblast activation through Poldip2/Nox4-derived reactive oxygen species. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F159-F171.	1.3	112
18	Nox4 and diabetic nephropathy: With a friend like this, who needs enemies?. <i>Free Radical Biology and Medicine</i> , 2013, 61, 130-142.	1.3	104

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19	Nox4 NADPH Oxidase Mediates Peroxynitrite-dependent Uncoupling of Endothelial Nitric-oxide Synthase and Fibronectin Expression in Response to Angiotensin II. <i>Journal of Biological Chemistry</i> , 2013, 288, 28668-28686.	1.6	110
20	Nox4 as a potential therapeutic target for treatment of uremic toxicity associated to chronic kidney disease. <i>Kidney International</i> , 2013, 83, 541-543.	2.6	29
21	ADAM17 mediates Nox4 expression and NADPH oxidase activity in the kidney cortex of OVE26 mice. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F323-F332.	1.3	40
22	The antioxidant silybin prevents high glucose-induced oxidative stress and podocyte injury in vitro and in vivo. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F691-F700.	1.3	100
23	Nox as a target for diabetic complications. <i>Clinical Science</i> , 2013, 125, 361-382.	1.8	106
24	Mammalian Target of Rapamycin Regulates Nox4-Mediated Podocyte Depletion in Diabetic Renal Injury. <i>Diabetes</i> , 2013, 62, 2935-2947.	0.3	119
25	Sestrin 2 and AMPK Connect Hyperglycemia to Nox4-Dependent Endothelial Nitric Oxide Synthase Uncoupling and Matrix Protein Expression. <i>Molecular and Cellular Biology</i> , 2013, 33, 3439-3460.	1.1	114
26	AMP-activated Protein Kinase (AMPK) regulates TGF β 1 Induced Fibronectin Expression in Renal Tubular Epithelial Cells. <i>FASEB Journal</i> , 2013, 27, 601.10.	0.2	0
27	IGF-I increases the expression of fibronectin by Nox4-dependent Akt phosphorylation in renal tubular epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C122-C130.	2.1	46
28	Nox4-derived reactive oxygen species mediate cardiomyocyte injury in early type 1 diabetes. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C597-C604.	2.1	108
29	Nephrogenic Systemic Fibrosis. <i>American Journal of Pathology</i> , 2012, 181, 1941-1952.	1.9	32
30	Aiding and abetting roles of NOX oxidases in cellular transformation. <i>Nature Reviews Cancer</i> , 2012, 12, 627-637.	12.8	245
31	Nox4 Mediates Renal Cell Carcinoma Cell Invasion through Hypoxia-Induced Interleukin 6- and 8-Production. <i>PLoS ONE</i> , 2012, 7, e30712.	1.1	88
32	Myofibroblast differentiation during fibrosis: role of NAD(P)H oxidases. <i>Kidney International</i> , 2011, 79, 944-956.	2.6	353
33	Reactive oxygen species derived from Nox4 mediate BMP2 gene transcription and osteoblast differentiation. <i>Biochemical Journal</i> , 2011, 433, 393-402.	1.7	128
34	Abundance of TRPC6 protein in glomerular mesangial cells is decreased by ROS and PKC in diabetes. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C304-C315.	2.1	65
35	Diabetes Downregulates TRPC6 Protein Expression in Glomerular Mesangial Cells via a ROS and PKC Pathway. <i>FASEB Journal</i> , 2011, 25, 664.1.	0.2	0
36	AMP-activated Protein Kinase (AMPK) Negatively Regulates Nox4-dependent Activation of p53 and Epithelial Cell Apoptosis in Diabetes. <i>Journal of Biological Chemistry</i> , 2010, 285, 37503-37512.	1.6	222

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37	NAD(P)H Oxidase Mediates TGF- β 1-Induced Activation of Kidney Myofibroblasts. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 93-102.	3.0	259
38	The NADPH Oxidase Subunit p22 Inhibits the Function of the Tumor Suppressor Protein Tuberin. <i>American Journal of Pathology</i> , 2010, 176, 2447-2455.	1.9	40
39	PDGF receptor- β 2 modulates metanephric mesenchyme chemotaxis induced by PDGF AA. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F406-F417.	1.3	14
40	Mechanisms of Podocyte Injury in Diabetes. <i>Diabetes</i> , 2009, 58, 1201-1211.	0.3	265
41	Subcellular localization of Nox4 and regulation in diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14385-14390.	3.3	416
42	Mechanism of Oxidative DNA Damage in Diabetes. <i>Diabetes</i> , 2008, 57, 2626-2636.	0.3	113
43	Nox4 NAD(P)H Oxidase Mediates Src-dependent Tyrosine Phosphorylation of PDK-1 in Response to Angiotensin II. <i>Journal of Biological Chemistry</i> , 2008, 283, 24061-24076.	1.6	123
44	NAD(P)H Oxidases Regulate HIF-2 β Protein Expression. <i>Journal of Biological Chemistry</i> , 2007, 282, 8019-8026.	1.6	107
45	Mitogenic Signaling via Platelet-Derived Growth Factor β 2 in Metanephric Mesenchymal Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2903-2911.	3.0	32
46	PI 3 kinase-dependent Akt kinase and PKC δ independently regulate interferon- γ -induced STAT1 β serine phosphorylation to induce monocyte chemotactic protein-1 expression. <i>Cellular Signalling</i> , 2006, 18, 508-518.	1.7	26
47	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
48	Redox dependence of glomerular epithelial cell hypertrophy in response to glucose. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F741-F751.	1.3	53
49	Arachidonic Acid-Dependent Activation of a p22phox-Based NAD(P)H Oxidase Mediates Angiotensin II-Induced Mesangial Cell Protein Synthesis and Fibronectin Expression via Akt/PKB. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1497-1508.	2.5	34
50	ZO-1 Expression and Phosphorylation in Diabetic Nephropathy. <i>Diabetes</i> , 2006, 55, 894-900.	0.3	78
51	Nox4 NAD(P)H Oxidase Mediates Hypertrophy and Fibronectin Expression in the Diabetic Kidney. <i>Journal of Biological Chemistry</i> , 2005, 280, 39616-39626.	1.6	451
52	Involvement of Calcineurin in Transforming Growth Factor- β 2-mediated Regulation of Extracellular Matrix Accumulation. <i>Journal of Biological Chemistry</i> , 2004, 279, 15561-15570.	1.6	95
53	Angiotensin II-induced ERK1/ERK2 activation and protein synthesis are redox-dependent in glomerular mesangial cells. <i>Biochemical Journal</i> , 2004, 381, 231-239.	1.7	117
54	Nox4 mediates angiotensin II-induced activation of Akt/protein kinase B in mesangial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, F219-F229.	1.3	245

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55	Angiotensin II and growth factors in the pathogenesis of diabetic nephropathy. <i>Kidney International</i> , 2002, 62, S8-S11.	2.6	55
56	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