

Chet E Holterman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6703498/publications.pdf>

Version: 2024-02-01

19
papers

789
citations

840776

11
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

1494
citing authors

#	ARTICLE	IF	CITATIONS
1	NADPH Oxidase Nox5 Accelerates Renal Injury in Diabetic Nephropathy. <i>Diabetes</i> , 2017, 66, 2691-2703.	0.6	119
2	Urinary Podocyte Microparticles Identify Prealbuminuric Diabetic Glomerular Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1401-1407.	6.1	117
3	Molecular regulation of satellite cell function. <i>Seminars in Cell and Developmental Biology</i> , 2005, 16, 575-584.	5.0	116
4	A Newly Discovered Antifibrotic Pathway Regulated by Two Fatty Acid Receptors. <i>American Journal of Pathology</i> , 2018, 188, 1132-1148.	3.8	102
5	Glutaredoxin-2 Is Required to Control Oxidative Phosphorylation in Cardiac Muscle by Mediating Deglutathionylation Reactions. <i>Journal of Biological Chemistry</i> , 2014, 289, 14812-14828.	3.4	81
6	Nox and renal disease. <i>Clinical Science</i> , 2015, 128, 465-481.	4.3	72
7	NADPH Oxidase 5 Is a Pro-Contractile Nox Isoform and a Point of Cross-Talk for Calcium and Redox Signaling Implications in Vascular Function. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	51
8	A Novel Mouse Model of Advanced Diabetic Kidney Disease. <i>PLoS ONE</i> , 2014, 9, e113459.	2.5	31
9	Endothelial or vascular smooth muscle cell-specific expression of human NOX5 exacerbates renal inflammation, fibrosis and albuminuria in the Akita mouse. <i>Diabetologia</i> , 2019, 62, 1712-1726.	6.3	27
10	Podocyte NADPH Oxidase 5 Promotes Renal Inflammation Regulated by the Toll-Like Receptor Pathway. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1817-1830.	5.4	21
11	Independent of Renox, NOX5 Promotes Renal Inflammation and Fibrosis in Diabetes by Activating ROS-Sensitive Pathways. <i>Diabetes</i> , 2022, 71, 1282-1298.	0.6	14
12	GRK2 knockdown in mice exacerbates kidney injury and alters renal mechanisms of blood pressure regulation. <i>Scientific Reports</i> , 2018, 8, 11415.	3.3	10
13	Beta-Cell-Specific Expression of Nicotinamide Adenine Dinucleotide Phosphate Oxidase 5 Aggravates High-Fat Diet-Induced Impairment of Islet Insulin Secretion in Mice. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 618-635.	5.4	10
14	Ubiquitin C-terminal hydrolase L1 deletion ameliorates glomerular injury in mice with ACTN4-associated focal segmental glomerulosclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1028-1040.	3.8	9
15	PBI-4050 via GPR40 activation improves adenine-induced kidney injury in mice. <i>Clinical Science</i> , 2019, 133, 1587-1602.	4.3	8
16	SP345ACTIVATION OF THE FREE-FATTY ACID RECEPTOR GPR40 IMPROVES ANEMIA IN MOUSE MODELS OF KIDNEY DISEASE VIA A NOVEL EPO-INDEPENDENT MECHANISM OF ACTION. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.7	1
17	FP266PBI-4050 REDUCES SYSTEMIC INFLAMMATION, ELECTROLYTE DISTURBANCES, AND RENAL INJURY IN MICE WITH SEPSIS-INDUCED ACUTE KIDNEY INJURY; ROLE OF GPR84. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.7	0
18	P0710DUAL GPR40/GPR84 FATTY ACID RECEPTOR DELETION IMPROVES ADENINE-INDUCED RENAL INJURY IN MICE. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	0

#	ARTICLE	IF	CITATIONS
19	A letter to the editor about "dopamine 1 receptor activation protects mouse diabetic podocytes injury via regulating the PKA/NOX-5/p38 MAPK axis", Experimental Cell Research, 2022, 415, 113065.	2.6	0