Claire Ce Hills

List of Publications by Year
in descending order

39	1,503	430442	344852
papers	citations	18 h-index	36 g-index

39	39	39	1939
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Connexin 43: A Target for the Treatment of Inflammation in Secondary Complications of the Kidney and Eye in Diabetes. International Journal of Molecular Sciences, 2022, 23, 600.	1.8	4
2	Carboxyfluorescein Dye Uptake to Measure Connexin-mediated Hemichannel Activity in Cultured Cells. Bio-protocol, 2021, 11, e3901.	0.2	5
3	Collagen I Modifies Connexin-43 Hemichannel Activity via Integrin Î±2Î²1 Binding in TGFÎ²1-Evoked Renal Tubular Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 3644.	1.8	11
4	Danegaptide Prevents TGFÎ²1-Induced Damage in Human Proximal Tubule Epithelial Cells of the Kidney. International Journal of Molecular Sciences, 2021, 22, 2809.	1.8	5
5	Connexinâ€mediated cell communication in the kidney: A potential therapeutic target for future intervention of diabetic kidney disease?. Experimental Physiology, 2020, 105, 219-229.	0.9	9
6	Examining Local Cell-to-Cell Signalling in the Kidney Using ATP Biosensing. Methods in Molecular Biology, 2020, 2346, 135-149.	0.4	3
7	Blocking Connexin-43 mediated hemichannel activity protects against early tubular injury in experimental chronic kidney disease. Cell Communication and Signaling, 2020, 18, 79.	2.7	28
8	Examining Cell-Cell Interactions in the Kidney Using AFM Single-Cell Force Spectroscopy. Methods in Molecular Biology, 2020, 2067, 189-201.	0.4	5
9	Purinergic receptor (P2X7) activation reduces cellâ€“cell adhesion between tubular epithelial cells of the proximal kidney. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 22, 102108.	1.7	9
10	Transforming Growth Factor Beta 1 Drives a Switch in Connexin Mediated Cell-to-Cell Communication in Tubular Cells of the Diabetic Kidney. Cellular Physiology and Biochemistry, 2018, 45, 2369-2388.	1.1	32
11	Quantifying cellular mechanics and adhesion in renal tubular injury using single cell force spectroscopy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1013-1021.	1.7	25
12	Nanomechanical Investigation of Soft Biological Cell Adhesion using Atomic Force Microscopy. Cellular and Molecular Bioengineering, 2015, 8, 22-31.	1.0	13
13	Mind the gap: connexins and cellâ€“cell communication in the diabetic kidney. Diabetologia, 2015, 58, 233-241.	2.9	23
14	The Calcium-Sensing Receptor and Î²-Cell Function. Vitamins and Hormones, 2014, 95, 249-267.	0.7	16
15	Quantitative investigation of calcimimetic R568 on beta cell adhesion and mechanics using AFM singleâ€cell force spectroscopy. FEBS Letters, 2014, 588, 1178-1183.	1.3	19
16	Visfatin Reduces Gap Junction Mediated Cell-to-Cell Communication in Proximal Tubule-Derived Epithelial Cells. Cellular Physiology and Biochemistry, 2013, 32, 1200-1212.	1.1	9
17	'Special K' and a Loss of Cell-To-Cell Adhesion in Proximal Tubule-Derived Epithelial Cells: Modulation of the Adherens Junction Complex by Ketamine. PLoS ONE, 2013, 8, e71819.	1.1	32
18	Functional Expression of TRPV4 Channels in Human Collecting Duct Cells: Implications for Secondary Hypertension in Diabetic Nephropathy. Experimental Diabetes Research, 2012, 2012, 1-9.	3.8	19

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19	Calcium-Sensing Receptor Activation Increases Cell-Cell Adhesion and ÃŸ-Cell Function. Cellular Physiology and Biochemistry, 2012, 30, 575-586.	1.1	28
20	TGFÎ² modulates cell-to-cell communication in early epithelial-to-mesenchymal transition. Diabetologia, 2012, 55, 812-824.	2.9	80
21	The role of TGF-Î² and epithelial-to mesenchymal transition in diabetic nephropathy. Cytokine and Growth Factor Reviews, 2011, 22, 131-9.	3.2	192
22	Microarray Analysis Reveals Up-Regulation of Retinoic Acid and Hepatocyte Growth Factor Related Signaling Pathways by Pro-Insulin C-Peptide in Kidney Proximal Tubular Cells: Antagonism of the Pro-Fibrotic Effects of TGF-Î²1. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 1478-1478.	1.8	0
23	TGF-Î²1-Induced Epithelial-to-Mesenchymal Transition and Therapeutic Intervention in Diabetic Nephropathy. American Journal of Nephrology, 2010, 31, 68-74.	1.4	178
24	Proinsulin C-Peptide Antagonizes the Profibrotic Effects of TGF-Î²1 via Up-Regulation of Retinoic Acid and HGF-Related Signaling Pathways. Molecular Endocrinology, 2010, 24, 822-831.	3.7	31
25	C-Peptide as a Therapeutic Tool in Diabetic Nephropathy. American Journal of Nephrology, 2010, 31, 389-397.	1.4	65
26	C-Peptide and its Intracellular Signaling. Review of Diabetic Studies, 2009, 6, 138-147.	0.5	18
27	C-peptide reverses TGF-Î²1-induced changes in renal proximal tubular cells: implications for treatment of diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2009, 296, F614-F621.	1.3	62
28	TGF-β1 Mediates Glucose-evoked Up-regulation of Connexin-43 Cell-to-cell Communication in HCD-cells. Cellular Physiology and Biochemistry, 2009, 24, 177-186.	1.1	19
29	Cellular and physiological effects of C-peptide. Clinical Science, 2009, 116, 565-574.	1.8	76
30	The calcium-sensing receptor and insulin secretion: a role outside systemic control 15 years on. Journal of Endocrinology, 2008, 199, 1-4.	1.2	15
31	Intracellular Signalling by C-Peptide. Experimental Diabetes Research, 2008, 2008, 1-8.	3.8	39
32	Serum and glucocorticoid regulated kinase and disturbed renal sodium transport in diabetes. Journal of Endocrinology, 2008, 199, 343-349.	1.2	21
33	Glucose-evoked alterations in connexin43-mediated cell-to-cell communication in human collecting duct: a possible role in diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2006, 291, F1045-F1051.	1.3	32
34	High Glucose Up-Regulates ENaC and SGK1 Expression in HCD-Cells. Cellular Physiology and Biochemistry, 2006, 18, 337-346.	1.1	52
35	The putative imidazoline receptor agonist, harmane, promotes intracellular calcium mobilisation in pancreatic Î²-cells. European Journal of Pharmacology, 2004, 501, 31-39.	1.7	17
36	Expression of 25-hydroxyvitamin D3-1Î±-hydroxylase in pancreatic islets. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 121-125.	1.2	296

#	Article	IF	Citations
37	Comparative Effects of Efaroxan and b-Carbolines on the Secretory Activity of Rodent and Human b Cells. Annals of the New York Academy of Sciences, 2003, 1009, 167-174.	1.8	15
38	Connexins and gap-junction mediated intercellular communication in the diabetic kidney. Endocrine Abstracts, 0, , .	0.0	0
39	Connexins, hemi-channels and ATP release in the diabetic kidney. Endocrine Abstracts, 0, , .	0.0	0