Robert F Spurney

List of Publications by Year
in descending order

27	1,018	471509 17	552781 26
papers	citations	h-index	g-index

27	27	27	1425
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Î²-Arrestinâ€“Biased Agonist of the Parathyroid Hormone Receptor (PTH1R) Promotes Bone Formation Independent of G Protein Activation. Science Translational Medicine, 2009, 1, 1ra1.	12.4	188
2	Mechanisms of the proteinuria induced by Rho GTPases. Kidney International, 2012, 81, 1075-1085.	5.2	136
3	Analysis of recombinant Phex: an endopeptidase in search of a substrate. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E837-E847.	3.5	77
4	Calcineurin (CN) Activation Promotes Apoptosis of Glomerular Podocytes Both in Vitro and in Vivo. Molecular Endocrinology, 2011, 25, 1376-1386.	3.7	67
5	Twenty years after ACEIs and ARBs: emerging treatment strategies for diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2015, 309, F807-F820.	2.7	59
6	Gq signaling causes glomerular injury by activating TRPC6. Journal of Clinical Investigation, 2015, 125, 1913-1926.	8.2	59
7	The Human FSGS-Causing ANLN R431C Mutation Induces Dysregulated PI3K/AKT/mTOR/Rac1 Signaling in Podocytes. Journal of the American Society of Nephrology: JASN, 2018, 29, 2110-2122.	6.1	51
8	TRPC Channels in Proteinuric Kidney Diseases. Cells, 2020, 9, 44.	4.1	46
9	Knockout of TRPC6 promotes insulin resistance and exacerbates glomerular injury in Akita mice. Kidney International, 2019, 95, 321-332.	5.2	41
10	Diabetic Kidney Disease in FVB/NJ Akita Mice: Temporal Pattern of Kidney Injury and Urinary Nephrin Excretion. PLoS ONE, 2012, 7, e33942.	2.5	37
11	Differential regulation of receptor-stimulated cyclic adenosine monophosphate production by polyvalent cations in MC3T3-E1 osteoblasts. Journal of Bone and Mineral Research, 1996, 11, 789-799.	2.8	34
12	Activation of GÎ±q-Coupled Signaling Pathways in Glomerular Podocytes Promotes Renal Injury. Journal of the American Society of Nephrology: JASN, 2005, 16, 3611-3622.	6.1	30
13	Transactivation of the Epidermal Growth Factor Receptor by Angiotensin II in Glomerular Podocytes. Nephron Experimental Nephrology, 2006, 103, e109-e118.	2.2	30
14	Phosphodiesterase 5 inhibition ameliorates angiontensin II-induced podocyte dysmotility via the protein kinase G-mediated downregulation of TRPC6 activity. American Journal of Physiology - Renal Physiology, 2014, 306, F1442-F1450.	2.7	27
15	Beneficial Effects of the Rho Kinase Inhibitor Y27632 in Murine Puromycin Aminonucleoside Nephrosis. Kidney and Blood Pressure Research, 2008, 31, 111-121.	2.0	23
16	Gq-Dependent Signaling Upregulates COX2 in Glomerular Podocytes. Journal of the American Society of Nephrology: JASN, 2008, 19, 2108-2118.	6.1	22
17	The cytoskeletal regulatory scaffold protein GIT2 modulates mesenchymal stem cell differentiation and osteoblastogenesis. Biochemical and Biophysical Research Communications, 2012, 425, 407-412.	2.1	19
18	Stressed-out Podocytes in Diabetes?. Journal of the American Society of Nephrology: JASN, 2008, 19, 2035-2037.	6.1	16

#	Article	IF	Citations
19	Twist1 in podocytes ameliorates podocyte injury and proteinuria by limiting CCL2-dependent macrophage infiltration. JCI Insight, 2021, 6, .	5.0	15
20	Augmenting podocyte injury promotes advanced diabetic kidney disease in Akita mice. Biochemical and Biophysical Research Communications, 2014, 444, 622-627.	2.1	11
21	Podocyte-specific knockout of cyclooxygenase 2 exacerbates diabetic kidney disease. American Journal of Physiology - Renal Physiology, 2017, 313, F430-F439.	2.7	10
22	Regulation of cofilin phosphorylation in glomerular podocytes by testis specific kinase 1 (TESK1). Scientific Reports, 2018, 8, 12286.	3.3	9
23	Losing their footing: Rac1 signaling causes podocyte detachment and FSGS. Kidney International, 2017, 92, 283-285.	5.2	6
24	A Rare Autosomal Dominant Variant in Regulator of Calcineurin Type 1 (RCAN1) Gene Confers Enhanced Calcineurin Activity and May Cause FSGS. Journal of the American Society of Nephrology: JASN, 2021, 32, 1682-1695.	6.1	3
25	FO068The LMX1Î²R246Q Mutation Induces Podocyte Injury Through Dysregulation of Cholesterol Transport Gene Expression. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	1
26	Blockade of the natriuretic peptide clearance receptor attenuates proteinuria in a mouse model of focal segmental glomerulosclerosis. Physiological Reports, 2021, 9, e15095.	1.7	1
27	SP001A Novel Heterozygous Missense Mutation of Wilmsâ€™ Tumor 1 May Cause FSGS Through Dysregulated Expression of ARHGAP24. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0