Elena Torban

List of Publications by Year
in descending order

33 papers	1,117 citations	516710 16 h-index	477307 29 g-index
33 all docs	33 docs citations	33 times ranked	1423 citing authors

#	Article	IF	Citations
1	Genetic interaction between members of the Vangl family causes neural tube defects in mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3449-3454.	7.1	155
2	Independent Mutations in Mouse Vangl2 That Cause Neural Tube Defects in Looptail Mice Impair Interaction with Members of the Dishevelled Family. Journal of Biological Chemistry, 2004, 279, 52703-52713.	3.4	150
3	Van Gogh-like2 (Strabismus) and its role in planar cell polarity and convergent extension in vertebrates. Trends in Genetics, 2004, 20, 570-577.	6.7	100
4	Mutations in the planar cell polarity gene, Fuzzy, are associated with neural tube defects in humans. Human Molecular Genetics, 2011, 20, 4324-4333.	2.9	93
5	PAX2 Activates WNT4 Expression during Mammalian Kidney Development. Journal of Biological Chemistry, 2006, 281, 12705-12712.	3.4	72
6	Planar cell polarity pathway regulates actin rearrangement, cell shape, motility, and nephrin distribution in podocytes. American Journal of Physiology - Renal Physiology, 2011, 300, F549-F560.	2.7	69
7	Tissue, cellular and sub-cellular localization of the Vangl2 protein during embryonic development: Effect of the Lp mutation. Gene Expression Patterns, 2007, 7, 346-354.	0.8	59
8	The PCP effector Fuzzy controls cilial assembly and signaling by recruiting Rab8 and Dishevelled to the primary cilium. Molecular Biology of the Cell, 2013, 24, 555-565.	2.1	52
9	From podocyte biology to novel cures for glomerular disease. Kidney International, 2019, 96, 850-861.	5.2	49
10	TNFÎ± pathway blockade ameliorates toxic effects of FSGS plasma on podocyte cytoskeleton and Î²3 integrin activation. Pediatric Nephrology, 2012, 27, 2217-2226.	1.7	44
11	Planar Cell Polarity Pathway Regulates Nephrin Endocytosis in Developing Podocytes. Journal of Biological Chemistry, 2013, 288, 24035-24048.	3.4	36
12	Deficiency of the Planar Cell Polarity Protein Vangl2 in Podocytes Affects Glomerular Morphogenesis and Increases Susceptibility to Injury. Journal of the American Society of Nephrology: JASN, 2015, 26, 576-586.	6.1	29
13	Novel unbiased assay for circulating podocyte-toxic factors associated with recurrent focal segmental glomerulosclerosis. American Journal of Physiology - Renal Physiology, 2016, 310, F1148-F1156.	2.7	29
14	An Expanding Role of Vangl Proteins in Embryonic Development. Current Topics in Developmental Biology, 2012, 101, 237-261.	2.2	27
15	Wilms Tumor Suppressor, WT1, Cooperates with MicroRNA-26a and MicroRNA-101 to Suppress Translation of the Polycomb Protein, EZH2, in Mesenchymal Stem Cells. Journal of Biological Chemistry, 2016, 291, 3785-3795.	3.4	21
16	Intrinsic tumor necrosis factor-Î± pathway is activated in a subset of patients with focal segmental glomerulosclerosis. PLoS ONE, 2019, 14, e0216426.	2.5	21
17	The Kidney and Ear: Emerging Parallel Functions. Annual Review of Medicine, 2009, 60, 339-353.	12.2	17
18	Plasma from a case of recurrent idiopathic FSGS perturbs non-muscle myosin IIA (MYH9 protein) in human podocytes. Pediatric Nephrology, 2011, 26, 1071-1081.	1.7	17

#	Article	IF	Citations
19	Planar cell polarity pathway in kidney development, function and disease. Nature Reviews Nephrology, 2021, 17, 369-385.	9.6	13
20	The planar cell polarity protein <scp>V</scp>angl2 is required for retinal axon guidance. Developmental Neurobiology, 2016, 76, 150-165.	3.0	12
21	Use of genomic and functional analysis to characterize patients with steroid-resistant nephrotic syndrome. Pediatric Nephrology, 2018, 33, 1741-1750.	1.7	9
22	Recurrent Focal Segmental Glomerulosclerosis: A Discrete Clinical Entity. International Journal of Nephrology, 2012, 2012, 1-7.	1.3	8
23	Ste20-like kinase, SLK, a novel mediator of podocyte integrity. American Journal of Physiology - Renal Physiology, 2018, 315, F186-F198.	2.7	8
24	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. PLoS ONE, 2020, 15, e0230586.	2.5	8
25	Identification of a novel variant of the ciliopathic gene FUZZY associated with craniosynostosis. European Journal of Human Genetics, 2022, 30, 282-290.	2.8	5
26	Can Peer Review Be Kinder? Supportive Peer Review: A Re-Commitment to Kindness and a Call to Action. Canadian Journal of Kidney Health and Disease, 2022, 9, 205435812210803.	1.1	5
27	New insights into precursors of renal endothelium. Kidney International, 2016, 90, 244-246.	5.2	4
28	Planar Cell Polarity Pathway in Kidney Development and Function. Advances in Nephrology, 2015, 2015, 1-15.	0.2	3
29	Loss of Planar Cell Polarity Effector Fuzzy Causes Renal Hypoplasia by Disrupting Several Signaling Pathways. Journal of Developmental Biology, 2022, 10, 1.	1.7	2
30	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. , 2020, 15, e0230586.		0
31	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. , 2020, 15, e0230586.		0
32	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. , 2020, 15, e0230586.		0
33	Differential role of planar cell polarity gene Vangl2 in embryonic and adult mammalian kidneys. , 2020, 15, e0230586.		0