

Nicole Endlich

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,306
citations

394286

19
h-index

395590

33
g-index

34
all docs

34
docs citations

34
times ranked

1470
citing authors

#	ARTICLE	IF	CITATIONS
1	Podocytes Respond to Mechanical Stress In Vitro. Journal of the American Society of Nephrology: JASN, 2001, 12, 413-422.	3.0	252
2	Podocytes are sensitive to fluid shear stress in vitro. American Journal of Physiology - Renal Physiology, 2006, 291, F856-F865.	1.3	115
3	Analysis of differential gene expression in stretched podocytes: osteopontin enhances adaptation of podocytes to mechanical stress. FASEB Journal, 2002, 16, 1-24.	0.2	78
4	The Challenge and Response of Podocytes to Glomerular Hypertension. Seminars in Nephrology, 2012, 32, 327-341.	0.6	73
5	Stretch, tension and adhesion – Adaptive mechanisms of the actin cytoskeleton in podocytes. European Journal of Cell Biology, 2006, 85, 229-234.	1.6	64
6	Structured illumination microscopy and automatized image processing as a rapid diagnostic tool for podocyte effacement. Scientific Reports, 2017, 7, 11473.	1.6	62
7	Stressed podocytes – mechanical forces, sensors, signaling and response. Pflugers Archiv European Journal of Physiology, 2017, 469, 937-949.	1.3	62
8	Movement of stress fibers away from focal adhesions identifies focal adhesions as sites of stress fiber assembly in stationary cells. Cytoskeleton, 2007, 64, 966-976.	4.4	53
9	Non-muscle myosin IIA is required for the development of the zebrafish glomerulus. Kidney International, 2011, 80, 1055-1063.	2.6	50
10	Palladin is a dynamic actin-associated protein in podocytes. Kidney International, 2009, 75, 214-226.	2.6	47
11	Two-Photon Microscopy Reveals Stationary Podocytes in Living Zebrafish Larvae. Journal of the American Society of Nephrology: JASN, 2014, 25, 681-686.	3.0	45
12	Downregulation of the antioxidant protein peroxiredoxin 2 contributes to angiotensin II – mediated podocyte apoptosis. Kidney International, 2011, 80, 959-969.	2.6	37
13	ARP3 Controls the Podocyte Architecture at the Kidney Filtration Barrier. Developmental Cell, 2018, 47, 741-757.e8.	3.1	33
14	cAMP pathway in podocytes. Microscopy Research and Technique, 2002, 57, 228-231.	1.2	30
15	The transcription factor Dach1 is essential for podocyte function. Journal of Cellular and Molecular Medicine, 2018, 22, 2656-2669.	1.6	28
16	The Role of Palladin in Podocytes. Journal of the American Society of Nephrology: JASN, 2018, 29, 1662-1678.	3.0	26
17	Comparative Analysis of Podocyte Foot Process Morphology in Three Species by 3D Super-Resolution Microscopy. Frontiers in Medicine, 2018, 5, 292.	1.2	26
18	Acute podocyte injury is not a stimulus for podocytes to migrate along the glomerular basement membrane in zebrafish larvae. Scientific Reports, 2017, 7, 43655.	1.6	23

#	ARTICLE	IF	CITATIONS
19	Fibronectin is upregulated in podocytes by mechanical stress. <i>FASEB Journal</i> , 2019, 33, 14450-14460.	0.2	22
20	A novel assay to assess the effect of pharmaceutical compounds on the differentiation of podocytes. <i>British Journal of Pharmacology</i> , 2017, 174, 163-176.	2.7	21
21	Studying the role of fascin-1 in mechanically stressed podocytes. <i>Scientific Reports</i> , 2017, 7, 9916.	1.6	20
22	OPN deficiency results in severe glomerulosclerosis in uninephrectomized mice. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1458-F1470.	1.3	18
23	SRGAP1 Controls Small Rho GTPases To Regulate Podocyte Foot Process Maintenance. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 563-579.	3.0	18
24	FocusHeuristics – expression-data-driven network optimization and disease gene prediction. <i>Scientific Reports</i> , 2017, 7, 42638.	1.6	17
25	The Actin-Binding Protein β -Adducin Modulates Desmosomal Turnover and Plasticity. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1219-1229.e11.	0.3	16
26	Human pluripotent stem cell-derived kidney organoids for personalized congenital and idiopathic nephrotic syndrome modeling. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	16
27	β -Parvin Defines a Specific Integrin Adhesome to Maintain the Glomerular Filtration Barrier. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 786-808.	3.0	15
28	Prolonged podocyte depletion in larval zebrafish resembles mammalian focal and segmental glomerulosclerosis. <i>FASEB Journal</i> , 2020, 34, 15961-15974.	0.2	12
29	The role of filamins in mechanically stressed podocytes. <i>FASEB Journal</i> , 2021, 35, e21560.	0.2	9
30	The calcium-sensing receptor stabilizes podocyte function in proteinuric humans and mice. <i>Kidney International</i> , 2022, 101, 1186-1199.	2.6	6
31	High salt diet-induced proximal tubular phenotypic changes and sodium-glucose cotransporter 2 expression are coordinated by cold shock box binding protein 1. <i>FASEB Journal</i> , 2021, 35, e21912.	0.2	4
32	Adriamycin does not damage podocytes of zebrafish larvae. <i>PLoS ONE</i> , 2020, 15, e0242436.	1.1	4
33	The podocyte-specific knockout of palladin in mice with a 129 genetic background affects podocyte morphology and the expression of palladin interacting proteins. <i>PLoS ONE</i> , 2021, 16, e0260878.	1.1	1