

Sanja Sever

List of Publications by Year in descending order

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46
papers

3,580
citations

218677

26
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

4792
citing authors

#	ARTICLE	IF	CITATIONS
1	Impairment of dynamin's GAP domain stimulates receptor-mediated endocytosis. <i>Nature</i> , 1999, 398, 481-486.	27.8	349
2	Soluble Urokinase Receptor and Chronic Kidney Disease. <i>New England Journal of Medicine</i> , 2015, 373, 1916-1925.	27.0	338
3	The Low Density Lipoprotein Receptor-related Protein (LRP) Is a Novel β -Secretase (BACE1) Substrate. <i>Journal of Biological Chemistry</i> , 2005, 280, 17777-17785.	3.4	228
4	Dynamin:Gtp Controls the Formation of Constricted Coated Pits, the Rate Limiting Step in Clathrin-Mediated Endocytosis. <i>Journal of Cell Biology</i> , 2000, 150, 1137-1148.	5.2	212
5	Direct dynamin-actin interactions regulate the actin cytoskeleton. <i>EMBO Journal</i> , 2010, 29, 3593-3606.	7.8	202
6	Garrotes, Springs, Ratchets, and Whips: Putting Dynamin Models to the Test. <i>Traffic</i> , 2000, 1, 385-392.	2.7	195
7	Proteolytic processing of dynamin by cytoplasmic cathepsin L is a mechanism for proteinuric kidney disease. <i>Journal of Clinical Investigation</i> , 2007, 117, 2095-2104.	8.2	188
8	A tripartite complex of suPAR, APOL1 risk variants and α 3 integrin on podocytes mediates chronic kidney disease. <i>Nature Medicine</i> , 2017, 23, 945-953.	30.7	176
9	Podocyte Biology and Pathogenesis of Kidney Disease. <i>Annual Review of Medicine</i> , 2013, 64, 357-366.	12.2	170
10	Soluble Urokinase Receptor and Acute Kidney Injury. <i>New England Journal of Medicine</i> , 2020, 382, 416-426.	27.0	149
11	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. <i>Journal of Clinical Investigation</i> , 2011, 121, 3965-3980.	8.2	124
12	Bone marrow-derived immature myeloid cells are a main source of circulating suPAR contributing to proteinuric kidney disease. <i>Nature Medicine</i> , 2017, 23, 100-106.	30.7	121
13	Dynamin and endocytosis. <i>Current Opinion in Cell Biology</i> , 2002, 14, 463-467.	5.4	119
14	Synaptotagmin-mediated vesicle fusion regulates cell migration. <i>Nature Immunology</i> , 2010, 11, 495-502.	14.5	101
15	Pharmacological targeting of actin-dependent dynamin oligomerization ameliorates chronic kidney disease in diverse animal models. <i>Nature Medicine</i> , 2015, 21, 601-609.	30.7	100
16	Auxilin-Dynamin Interactions Link the Uncoating ATPase Chaperone Machinery with Vesicle Formation. <i>Developmental Cell</i> , 2003, 4, 929-940.	7.0	86
17	Actin dynamics at focal adhesions: a common endpoint and putative therapeutic target for proteinuric kidney diseases. <i>Kidney International</i> , 2018, 93, 1298-1307.	5.2	59
18	A Podocyte-Based Automated Screening Assay Identifies Protective Small Molecules. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2741-2752.	6.1	53

#	ARTICLE	IF	CITATIONS
19	Rituximab and Therapeutic Plasma Exchange in Recurrent Focal Segmental Glomerulosclerosis Postkidney Transplantation. <i>Transplantation</i> , 2018, 102, e115-e120.	1.0	50
20	Transient Receptor Potential Channel 6 (TRPC6) Protects Podocytes during Complement-mediated Glomerular Disease. <i>Journal of Biological Chemistry</i> , 2013, 288, 36598-36609.	3.4	49
21	uPAR isoform 2 forms a dimer and induces severe kidney disease in mice. <i>Journal of Clinical Investigation</i> , 2019, 129, 1946-1959.	8.2	48
22	Association of Serum Soluble Urokinase Receptor Levels With Progression of Kidney Disease in Children. <i>JAMA Pediatrics</i> , 2017, 171, e172914.	6.2	46
23	Regulation of Dynamin Oligomerization in Cells: The Role of Dynamin-Actin Interactions and Its GTPase Activity. <i>Traffic</i> , 2014, 15, 819-838.	2.7	45
24	Dynamin Rings: Not Just for Fission. <i>Traffic</i> , 2013, 14, 1194-1199.	2.7	44
25	Nucleoside diphosphate kinase Nm23-H1 regulates chromosomal stability by activating the GTPase dynamin during cytokinesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15461-15466.	7.1	31
26	Physical and functional connection between auxilin and dynamin during endocytosis. <i>EMBO Journal</i> , 2006, 25, 4163-4174.	7.8	29
27	Dynamin Autonomously Regulates Podocyte Focal Adhesion Maturation. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 446-451.	6.1	26
28	Anks1a regulates COPII-mediated anterograde transport of receptor tyrosine kinases critical for tumorigenesis. <i>Nature Communications</i> , 2016, 7, 12799.	12.8	25
29	Dynasore puts a new spin on dynamin: a surprising dual role during vesicle formation. <i>Trends in Cell Biology</i> , 2006, 16, 607-609.	7.9	24
30	Is There Clinical Value in Measuring suPAR Levels in FSGS?. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1273-1275.	4.5	24
31	Signal transduction in podocytes—spotlight on receptor tyrosine kinases. <i>Nature Reviews Nephrology</i> , 2014, 10, 104-115.	9.6	24
32	Cardiovascular Disease Biomarkers and suPAR in Predicting Decline in Renal Function: A Prospective Cohort Study. <i>Kidney International Reports</i> , 2017, 2, 425-432.	0.8	23
33	Soluble Urokinase Plasminogen Activator Receptor and Outcomes in Patients with Diabetes on Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 1265-1273.	4.5	23
34	[47] Expression, purification, and functional assays for self-association of dynamin-1. <i>Methods in Enzymology</i> , 2001, 329, 447-457.	1.0	21
35	Reduction of Proteinuria through Podocyte Alkalinization. <i>Journal of Biological Chemistry</i> , 2014, 289, 17454-17467.	3.4	12
36	Role of actin cytoskeleton in podocytes. <i>Pediatric Nephrology</i> , 2021, 36, 2607-2614.	1.7	11

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37	Establishment of Protein Delivery Systems Targeting Podocytes. <i>PLoS ONE</i> , 2010, 5, e11837.	2.5	9
38	Simultaneous stabilization of actin cytoskeleton in multiple nephron-specific cells protects the kidney from diverse injury. <i>Nature Communications</i> , 2022, 13, 2422.	12.8	9
39	CD2AP, Dendrin, and Cathepsin L in the Kidney. <i>American Journal of Pathology</i> , 2015, 185, 3129-3130.	3.8	7
40	A Novel Fluorogenic Assay for the Detection of Nephrotoxin-Induced Oxidative Stress in Live Cells and Renal Tissue. <i>ACS Sensors</i> , 2021, 6, 2523-2528.	7.8	7
41	AP-2 Makes Room for Rivals. <i>Developmental Cell</i> , 2003, 5, 530-532.	7.0	6
42	Drugs targeting dynamin can restore cytoskeleton and focal contact alterations of urinary podocytes derived from patients with nephrotic syndrome. <i>Annals of Translational Medicine</i> , 2016, 4, 439-439.	1.7	6
43	Assays and Functional Properties of Auxilin-Dynamin Interactions. <i>Methods in Enzymology</i> , 2005, 404, 570-585.	1.0	5
44	The Grand Challenge of Nephrology. <i>Frontiers in Medicine</i> , 2014, 1, 28.	2.6	3
45	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. <i>Journal of Clinical Investigation</i> , 2012, 122, 780-780.	8.2	3
46	CD2AP Structure And Progression Of Renal Disease. <i>Biophysical Journal</i> , 2009, 96, 132a-133a.	0.5	0