

# Nikolay Shcheynikov

## List of Publications by Year in descending order

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28  
papers

2,449  
citations

236925

25  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1842  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic Succinate Homeostasis and Local Succinate Signaling Affect Blood Pressure and Modify Risks for Calcium Oxalate Lithogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 381-392.	6.1	30
2	Modulation of Cl <sup>-</sup> signaling and ion transport by recruitment of kinases and phosphatases mediated by the regulatory protein IRBIT. <i>Science Signaling</i> , 2018, 11, .	3.6	16
3	Properties and Function of the Solute Carrier 26 Family of Anion Transporters. , 2016, , 465-489.		1
4	Intracellular Cl <sup>-</sup> as a signaling ion that potently regulates Na <sup>+</sup> /HCO <sub>3</sub> <sup>-</sup> transporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E329-37.	7.1	57
5	Functional characteristics of L1156F-CFTR associated with alcoholic chronic pancreatitis in Japanese. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G260-G269.	3.4	6
6	Mechanism and synergism in epithelial fluid and electrolyte secretion. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 1487-1499.	2.8	52
7	SLC26A6 and NaDC-1 Transporters Interact to Regulate Oxalate and Citrate Homeostasis. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1617-1626.	6.1	58
8	Irbit Mediates Synergy Between Ca <sup>2+</sup> and cAMP Signaling Pathways During Epithelial Transport in Mice. <i>Gastroenterology</i> , 2013, 145, 232-241.	1.3	81
9	Convergence of IRBIT, phosphatidylinositol (4,5) bisphosphate, and WNK/SPAK kinases in regulation of the Na <sup>+</sup> -HCO <sub>3</sub> <sup>-</sup> cotransporters family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4105-4110.	7.1	69
10	Solute Carrier Family 26 Member a2 (Slc26a2) Protein Functions as an Electroneutral SO <sub>4</sub> <sup>2-</sup> /OH <sup>-</sup> /Cl <sup>-</sup> Exchanger Regulated by Extracellular Cl <sup>-</sup> . <i>Journal of Biological Chemistry</i> , 2012, 287, 5122-5132.	3.4	43
11	IRBIT: It Is Everywhere. <i>Neurochemical Research</i> , 2011, 36, 1166-1174.	3.3	29
12	Determinants of coupled transport and uncoupled current by the electrogenic SLC26 transporters. <i>Journal of General Physiology</i> , 2011, 137, 239-251.	1.9	53
13	Diverse transport modes by the solute carrier 26 family of anion transporters. <i>Journal of Physiology</i> , 2009, 587, 2179-2185.	2.9	114
14	IRBIT coordinates epithelial fluid and HCO <sub>3</sub> <sup>-</sup> secretion by stimulating the transporters pNBC1 and CFTR in the murine pancreatic duct. <i>Journal of Clinical Investigation</i> , 2009, 119, 193-202.	8.2	113
15	The Slc26a4 transporter functions as an electroneutral Cl <sup>-</sup> /I <sup>-</sup> /HCO <sub>3</sub> <sup>-</sup> exchanger: role of Slc26a4 and Slc26a6 in I <sup>-</sup> and HCO <sub>3</sub> <sup>-</sup> secretion and in regulation of CFTR in the parotid duct. <i>Journal of Physiology</i> , 2008, 586, 3813-3824.	2.9	130
16	Congenital Chloride-losing Diarrhea Causing Mutations in the STAS Domain Result in Misfolding and Mistrafficking of SLC26A3. <i>Journal of Biological Chemistry</i> , 2008, 283, 8711-8722.	3.4	60
17	The Solute Carrier 26 Family of Proteins in Epithelial Ion Transport. <i>Physiology</i> , 2008, 23, 104-114.	3.1	166
18	Regulatory Interaction between CFTR and the SLC26 Transporters. <i>Novartis Foundation Symposium</i> , 2008, , 177-192.	1.1	52

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19	SLC26A9 is a Cl <sup>-</sup> channel regulated by the WNK kinases. <i>Journal of Physiology</i> , 2007, 584, 333-345.	2.9	116
20	SLC26A7 Can function as a chloride-loading mechanism in parietal cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 454, 989-998.	2.8	26
21	Slc26a6 regulates CFTR activity in vivo to determine pancreatic duct HCO <sub>3</sub> <sup>-</sup> secretion: relevance to cystic fibrosis. <i>EMBO Journal</i> , 2006, 25, 5049-5057.	7.8	141
22	Coupling Modes and Stoichiometry of Cl <sup>-</sup> /HCO <sub>3</sub> <sup>-</sup> Exchange by slc26a3 and slc26a6. <i>Journal of General Physiology</i> , 2006, 127, 511-524.	1.9	165
23	Regulatory interaction between CFTR and the SLC26 transporters. <i>Novartis Foundation Symposium</i> , 2006, 273, 177-86; discussion 186-92, 261-4.	1.1	31
24	SLC26A7 Is a Cl <sup>-</sup> Channel Regulated by Intracellular pH. <i>Journal of Biological Chemistry</i> , 2005, 280, 6463-6470.	3.4	106
25	Borate Transport and Cell Growth and Proliferation: Not Only in Plants. <i>Cell Cycle</i> , 2005, 4, 24-26.	2.6	77
26	Dynamic Control of Cystic Fibrosis Transmembrane Conductance Regulator Cl <sup>-</sup> /HCO <sub>3</sub> <sup>-</sup> Selectivity by External Cl <sup>-</sup> . <i>Journal of Biological Chemistry</i> , 2004, 279, 21857-21865.	3.4	91
27	NaBC1 Is a Ubiquitous Electrogenic Na <sup>+</sup> -Coupled Borate Transporter Essential for Cellular Boron Homeostasis and Cell Growth and Proliferation. <i>Molecular Cell</i> , 2004, 16, 331-341.	9.7	279
28	A molecular mechanism for aberrant CFTR-dependent HCO <sub>3</sub> <sup>-</sup> transport in cystic fibrosis. <i>EMBO Journal</i> , 2002, 21, 5662-5672.	7.8	287