Soeren S Lienkamp

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8600083/publications.pdf

Version: 2024-02-01

41 papers	4,229 citations	331670 21 h-index	302126 39 g-index
46 all docs	46 docs citations	46 times ranked	5929 citing authors

#	Article	IF	Citations
1	Kidney Development: Recent Insights from Technological Advances. Physiology, 2022, 37, 207-215.	3.1	2
2	Reducing lipid bilayer stress by monounsaturated fatty acids protects renal proximal tubules in diabetes. ELife, 2022, 11, .	6.0	18
3	Mutations in transcription factor CP2-like 1 may cause a novel syndrome with distal renal tubulopathy in humans. Nephrology Dialysis Transplantation, 2021, 36, 237-246.	0.7	0
4	A simulation-based pilot study of crisis checklists in the emergency department. Internal and Emergency Medicine, 2021, 16, 2269-2276.	2.0	3
5	Scalable fabrication of renal spheroids and nephron-like tubules by bioprinting and controlled self-assembly of epithelial cells. Biofabrication, 2021, 13, 035019.	7.1	22
6	Ttc30a affects tubulin modifications in a model for ciliary chondrodysplasia with polycystic kidney disease. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	6
7	Metabolic and Lipidomic Assessment of Kidney Cells Exposed to Nephrotoxic Vancomycin Dosages. International Journal of Molecular Sciences, 2021, 22, 10111.	4.1	6
8	Specific disruption of calcineurin-signaling in the distal convoluted tubule impacts the transcriptome and proteome, and causes hypomagnesemia and metabolic acidosis. Kidney International, 2021, 100, 850-869.	5.2	16
9	Deep learning is widely applicable to phenotyping embryonic development and disease. Development (Cambridge), 2021, 148, .	2.5	16
10	Rare heterozygous GDF6 variants in patients with renal anomalies. European Journal of Human Genetics, 2020, 28, 1681-1693.	2.8	7
11	Loss of CBY1 results in a ciliopathy characterized by features of Joubert syndrome. Human Mutation, 2020, 41, 2179-2194.	2.5	16
12	Impact of Diabetic Stress Conditions on Renal Cell Metabolome. Cells, 2019, 8, 1141.	4.1	6
13	Molecular Basis for Autosomal-Dominant Renal Fanconi Syndrome Caused by HNF4A. Cell Reports, 2019, 29, 4407-4421.e5.	6.4	31
14	Fabrication of Kidney Proximal Tubule Grafts Using Biofunctionalized Electrospun Polymer Scaffolds. Macromolecular Bioscience, 2019, 19, e1800412.	4.1	20
15	Metabolic characterization of directly reprogrammed renal tubular epithelial cells (iRECs). Scientific Reports, 2018, 8, 3878.	3.3	16
16	The nucleoside-diphosphate kinase NME3 associates with nephronophthisis proteins and is required for ciliary function during renal development. Journal of Biological Chemistry, 2018, 293, 15243-15255.	3.4	13
17	Toolbox in a tadpole: Xenopus for kidney research. Cell and Tissue Research, 2017, 369, 143-157.	2.9	23
18	Engineering kidney cells: reprogramming and directed differentiation to renal tissues. Cell and Tissue Research, 2017, 369, 185-197.	2.9	17

#	Article	IF	Citations
19	A Dominant Mutation in Nuclear Receptor Interacting Protein 1 Causes Urinary Tract Malformations via Dysregulation of Retinoic Acid Signaling. Journal of the American Society of Nephrology: JASN, 2017, 28, 2364-2376.	6.1	40
20	Direct reprogramming of fibroblasts into renal tubular epithelial cells by defined transcription factors. Nature Cell Biology, 2016, 18, 1269-1280.	10.3	113
21	Using Xenopus to study genetic kidney diseases. Seminars in Cell and Developmental Biology, 2016, 51, 117-124.	5.0	41
22	3D U-Net: Learning Dense Volumetric Segmentation from Sparse Annotation. Lecture Notes in Computer Science, 2016, , 424-432.	1.3	2,388
23	The polarity protein Inturned links NPHP4 to Daam1 to control the subapical actin network in multiciliated cells. Journal of Cell Biology, 2015, 211, 963-973.	5.2	48
24	Anks3 interacts with nephronophthisis proteins and is required for normal renal development. Kidney International, 2015, 87, 1191-1200.	5.2	30
25	The Rac1 regulator ELMO controls basal body migration and docking in multiciliated cells through interaction with Ezrin. Development (Cambridge), 2015, 142, 174-184.	2.5	45
26	Cyclin O (Ccno) functions during deuterosomeâ€mediated centriole amplification of multiciliated cells. EMBO Journal, 2015, 34, 1078-1089.	7.8	72
27	Mutations in TBX18 Cause Dominant Urinary Tract Malformations via Transcriptional Dysregulation of Ureter Development. American Journal of Human Genetics, 2015, 97, 291-301.	6.2	72
28	The Rac1 regulator ELMO controls basal body migration and docking in multiciliated cells through interaction with Ezrin. Journal of Cell Science, 2015, 128, e1-e1.	2.0	0
29	Casein Kinase 1 Î± Phosphorylates the Wnt Regulator Jade-1 and Modulates Its Activity. Journal of Biological Chemistry, 2014, 289, 26344-26356.	3.4	19
30	Optical flow guided cell segmentation and tracking in developing tissue. , 2014, , .		13
31	Interaction with the Bardet-Biedl Gene Product TRIM32/BBS11 Modifies the Half-life and Localization of Glis2/NPHP7. Journal of Biological Chemistry, 2014, 289, 8390-8401.	3.4	17
32	ANKS6 is a central component of a nephronophthisis module linking NEK8 to INVS and NPHP3. Nature Genetics, 2013, 45, 951-956.	21.4	183
33	Planar cell polarity (PCP) and Wnt signaling in renal disease. Drug Discovery Today Disease Mechanisms, 2013, 10, e159-e166.	0.8	0
34	Vertebrate kidney tubules elongate using a planar cell polarityâ€“dependent, rosette-based mechanism of convergent extension. Nature Genetics, 2012, 44, 1382-1387.	21.4	197
35	Inversin, Wnt signaling and primary cilia. Differentiation, 2012, 83, S49-S55.	1.9	81
36	Inversin relays Frizzled-8 signals to promote proximal pronephros development. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20388-20393.	7.1	50

#	Article	IF	Citations
37	Regulation of ciliary polarity by the APC/C. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17799-17804.	7.1	49
38	Genetic and physical interaction between the NPHP5 and NPHP6 gene products. Human Molecular Genetics, 2009, 18, 4226-4226.	2.9	1
39	Loss of Nephrocystin-3 Function Can Cause Embryonic Lethality,ÂMeckel-Gruber-like Syndrome, Situs Inversus, and Renal-Hepatic-Pancreatic Dysplasia. American Journal of Human Genetics, 2008, 82, 959-970.	6.2	294
40	Genetic and physical interaction between the NPHP5 and NPHP6 gene products. Human Molecular Genetics, 2008, 17, 3655-3662.	2.9	72
41	The C/EBP homologous protein CHOP (GADD153) is an inhibitor of Wnt/TCF signals. Oncogene, 2006, 25, 3397-3407.	5.9	51