

Soeren S Lienkamp

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,229
citations

331259

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301761

39
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46
docs citations

46
times ranked

5929
citing authors

#	ARTICLE	IF	CITATIONS
1	Kidney Development: Recent Insights from Technological Advances. <i>Physiology</i> , 2022, 37, 207-215.	1.6	2
2	Reducing lipid bilayer stress by monounsaturated fatty acids protects renal proximal tubules in diabetes. <i>ELife</i> , 2022, 11, .	2.8	18
3	Mutations in transcription factor CP2-like 1 may cause a novel syndrome with distal renal tubulopathy in humans. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 237-246.	0.4	0
4	A simulation-based pilot study of crisis checklists in the emergency department. <i>Internal and Emergency Medicine</i> , 2021, 16, 2269-2276.	1.0	3
5	Scalable fabrication of renal spheroids and nephron-like tubules by bioprinting and controlled self-assembly of epithelial cells. <i>Biofabrication</i> , 2021, 13, 035019.	3.7	22
6	Ttc30a affects tubulin modifications in a model for ciliary chondrodysplasia with polycystic kidney disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	6
7	Metabolic and Lipidomic Assessment of Kidney Cells Exposed to Nephrotoxic Vancomycin Dosages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10111.	1.8	6
8	Specific disruption of calcineurin-signaling in the distal convoluted tubule impacts the transcriptome and proteome, and causes hypomagnesemia and metabolic acidosis. <i>Kidney International</i> , 2021, 100, 850-869.	2.6	16
9	Deep learning is widely applicable to phenotyping embryonic development and disease. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	16
10	Rare heterozygous GDF6 variants in patients with renal anomalies. <i>European Journal of Human Genetics</i> , 2020, 28, 1681-1693.	1.4	7
11	Loss of CBY1 results in a ciliopathy characterized by features of Joubert syndrome. <i>Human Mutation</i> , 2020, 41, 2179-2194.	1.1	16
12	Impact of Diabetic Stress Conditions on Renal Cell Metabolome. <i>Cells</i> , 2019, 8, 1141.	1.8	6
13	Molecular Basis for Autosomal-Dominant Renal Fanconi Syndrome Caused by HNF4A. <i>Cell Reports</i> , 2019, 29, 4407-4421.e5.	2.9	31
14	Fabrication of Kidney Proximal Tubule Grafts Using Biofunctionalized Electrospun Polymer Scaffolds. <i>Macromolecular Bioscience</i> , 2019, 19, e1800412.	2.1	20
15	Metabolic characterization of directly reprogrammed renal tubular epithelial cells (iRECs). <i>Scientific Reports</i> , 2018, 8, 3878.	1.6	16
16	The nucleoside-diphosphate kinase NME3 associates with nephronophthisis proteins and is required for ciliary function during renal development. <i>Journal of Biological Chemistry</i> , 2018, 293, 15243-15255.	1.6	13
17	Toolbox in a tadpole: <i>Xenopus</i> for kidney research. <i>Cell and Tissue Research</i> , 2017, 369, 143-157.	1.5	23
18	Engineering kidney cells: reprogramming and directed differentiation to renal tissues. <i>Cell and Tissue Research</i> , 2017, 369, 185-197.	1.5	17

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19	A Dominant Mutation in Nuclear Receptor Interacting Protein 1 Causes Urinary Tract Malformations via Dysregulation of Retinoic Acid Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2364-2376.	3.0	40
20	Direct reprogramming of fibroblasts into renal tubular epithelial cells by defined transcription factors. <i>Nature Cell Biology</i> , 2016, 18, 1269-1280.	4.6	113
21	Using <i>Xenopus</i> to study genetic kidney diseases. <i>Seminars in Cell and Developmental Biology</i> , 2016, 51, 117-124.	2.3	41
22	3D U-Net: Learning Dense Volumetric Segmentation from Sparse Annotation. <i>Lecture Notes in Computer Science</i> , 2016, , 424-432.	1.0	2,388
23	The polarity protein Inturned links NPHP4 to Daam1 to control the subapical actin network in multiciliated cells. <i>Journal of Cell Biology</i> , 2015, 211, 963-973.	2.3	48
24	Anks3 interacts with nephronophthisis proteins and is required for normal renal development. <i>Kidney International</i> , 2015, 87, 1191-1200.	2.6	30
25	The Rac1 regulator ELMO controls basal body migration and docking in multiciliated cells through interaction with Ezrin. <i>Development (Cambridge)</i> , 2015, 142, 174-184.	1.2	45
26	Cyclin O (Ccno) functions during deuterosome-mediated centriole amplification of multiciliated cells. <i>EMBO Journal</i> , 2015, 34, 1078-1089.	3.5	72
27	Mutations in TBX18 Cause Dominant Urinary Tract Malformations via Transcriptional Dysregulation of Ureter Development. <i>American Journal of Human Genetics</i> , 2015, 97, 291-301.	2.6	72
28	The Rac1 regulator ELMO controls basal body migration and docking in multiciliated cells through interaction with Ezrin. <i>Journal of Cell Science</i> , 2015, 128, e1-e1.	1.2	0
29	Casein Kinase 1 $\hat{\pm}$ Phosphorylates the Wnt Regulator Jade-1 and Modulates Its Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 26344-26356.	1.6	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 Clis2/NPHP7. <i>Journal of Biological Chemistry</i> , 2014, 289, 8390-8401.	1.6	17
32	ANKS6 is a central component of a nephronophthisis module linking NEK8 to INVS and NPHP3. <i>Nature Genetics</i> , 2013, 45, 951-956.	9.4	183
33	Planar cell polarity (PCP) and Wnt signaling in renal disease. <i>Drug Discovery Today Disease Mechanisms</i> , 2013, 10, e159-e166.	0.8	0
34	Vertebrate kidney tubules elongate using a planar cell polarity-dependent, rosette-based mechanism of convergent extension. <i>Nature Genetics</i> , 2012, 44, 1382-1387.	9.4	197
35	Inversin, Wnt signaling and primary cilia. <i>Differentiation</i> , 2012, 83, S49-S55.	1.0	81
36	Inversin relays Frizzled-8 signals to promote proximal pronephros development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20388-20393.	3.3	50

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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.	3.3	49
38	Genetic and physical interaction between the NPHP5 and NPHP6 gene products. Human Molecular Genetics, 2009, 18, 4226-4226.	1.4	1
39	Loss of Nephrocystin-3 Function Can Cause Embryonic Lethality, Meckel-Gruber-like Syndrome, Situs Inversus, and Renal-Hepatic-Pancreatic Dysplasia. American Journal of Human Genetics, 2008, 82, 959-970.	2.6	294
40	Genetic and physical interaction between the NPHP5 and NPHP6 gene products. Human Molecular Genetics, 2008, 17, 3655-3662.	1.4	72
41	The C/EBP homologous protein CHOP (GADD153) is an inhibitor of Wnt/TCF signals. Oncogene, 2006, 25, 3397-3407.	2.6	51