Sren T Christensen

List of Publications by Year in Descending Order

96 papers	5,968 citations	39 h-index	76 g-index
104 ext. papers	6,987 ext. citations	6 avg, IF	5.86 L-index

#	Paper	IF	Citations
96	Smooth muscle ATP-sensitive potassium channels mediate migraine-relevant hypersensitivity in mouse models. *Cephalalgia*, **2021**, 3331024211053570	6.1	2
95	N-acetylcysteine protects ovarian follicles from ischemia-reperfusion injury in xenotransplanted human ovarian tissue. *Human Reproduction*, **2021**, 36, 429-443	5.7	4
94	ALMS1 Regulates TGF-β Signaling and Morphology of Primary Cilia. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 623829	5.7	4
93	CEP78 functions downstream of CEP350 to control biogenesis of primary cilia by negatively regulating CP110 levels. *ELife*, **2021**, 10,	8.9	11
92	CGRP-dependent signalling pathways involved in mouse models of GTN- cilostazol- and levcromakalim-induced migraine. *Cephalalgia*, **2021**, 41, 1413-1426	6.1	4
91	TGFβ Signaling Increases Net Acid Extrusion, Proliferation and Invasion in Panc-1 Pancreatic Cancer Cells: SMAD4 Dependence and Link to Merlin/NF2 Signaling. *Frontiers in Oncology*, **2020**, 10, 687	5.3	6
90	Human RTEL1 associates with Poldip3 to facilitate responses to replication stress and R-loop resolution. *Genes and Development*, **2020**, 34, 1065-1074	12.6	8
89	Ciliary Localization of the Intraflagellar Transport Protein IFT88 Is Disrupted in Cystic Fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, **2020**, 62, 120-123	5.7	1
88	RRP7A links primary microcephaly to dysfunction of ribosome biogenesis, resorption of primary cilia, and neurogenesis. *Nature Communications*, **2020**, 11, 5816	17.4	15
87	Analysis of Caveolin in Primary Cilia. *Methods in Molecular Biology*, **2020**, 2169, 27-41	1.4	1
86	Cellular signalling by primary cilia in development, organ function and disease. *Nature Reviews Nephrology*, **2019**, 15, 199-219	14.9	218
85	Comparison of Cultured Human Cardiomyocyte Clusters Obtained from Embryos/Fetuses or Derived from Human Embryonic Stem Cells. *Stem Cells and Development*, **2019**, 28, 608-619	4.4	1
84	CEP128 Localizes to the Subdistal Appendages of the Mother Centriole and Regulates TGF-β/BMP Signaling at the Primary Cilium. *Cell Reports*, **2018**, 22, 2584-2592	10.6	36
83	TSC1 and TSC2 regulate cilia length and canonical Hedgehog signaling via different mechanisms. *Cellular and Molecular Life Sciences*, **2018**, 75, 2663-2680	10.3	20
82	Challenges for the Sustainability of University-Run Biobanks. *Biopreservation and Biobanking*, **2018**, 16, 312-321	2.1	10
81	Regulation of ciliary membrane protein trafficking and signalling by kinesin motor proteins. *FEBS Journal*, **2018**, 285, 4535-4564	5.7	18
80	IFT20 modulates ciliary PDGFRα signaling by regulating the stability of Cbl E3 ubiquitin ligases. *Journal of Cell Biology*, **2018**, 217, 151-161	7.3	37

79	The E3 ubiquitin ligase SMURF1 regulates cell-fate specification and outflow tract septation during mammalian heart development. *Scientific Reports*, **2018**, 8, 9542	4.9	11
78	KIF13B establishes a CAV1-enriched microdomain at the ciliary transition zone to promote Sonic hedgehog signalling. *Nature Communications*, **2017**, 8, 14177	17.4	37
77	Mutation of the Planar Cell Polarity Gene VANGL1 in Adolescent Idiopathic Scoliosis. *Spine*, **2017**, 42, E702-E707	3.3	12
76	Human Embryonic Stem Cell-Derived Cardiomyocytes Self-Arrange with Areas of Different Subtypes During Differentiation. *Stem Cells and Development*, **2017**, 26, 1566-1577	4.4	7
75	Patient-specific three-dimensional explant spheroids derived from human nasal airway epithelium: a simple methodological approach for ex vivo studies of primary ciliary dyskinesia. *Cilia*, **2017**, 6, 3	5.5	10
74	Primary Cilia and Coordination of Receptor Tyrosine Kinase (RTK) and Transforming Growth Factor (TGF-) Signaling. *Cold Spring Harbor Perspectives in Biology*, **2017**, 9,	10.2	55
73	Morphological and Functional Characterization of the Ciliary Pocket by Electron and Fluorescence Microscopy. *Methods in Molecular Biology*, **2016**, 1454, 35-51	1.4	6
72	The intraflagellar transport machinery in ciliary signaling. *Current Opinion in Structural Biology*, **2016**, 41, 98-108	8.1	58
71	Immunofluorescence Microscopy and mRNA Analysis of Human Embryonic Stem Cells (hESCs) Including Primary Cilia Associated Signaling Pathways. *Methods in Molecular Biology*, **2016**, 1307, 123-40	1.4	14
70	Endocytic Control of Cellular Signaling at the Primary Cilium. *Trends in Biochemical Sciences*, **2016**, 41, 784-797	10.3	72
69	TGF1 - induced recruitment of human bone mesenchymal stem cells is mediated by the primary cilium in a SMAD3-dependent manner. *Scientific Reports*, **2016**, 6, 35542	4.9	39
68	Evolutionary implications of localization of the signaling scaffold protein parafusin to both cilia and the nucleus. *Cell Biology International*, **2015**, 39, 136-45	4.5	8
67	PDGFRand oncogenic mutant PDGFRD842V promote disassembly of primary cilia through a PLCand AURKA-dependent mechanism. *Journal of Cell Science*, **2015**, 128, 3543-9	5.3	21
66	Cell context-specific expression of primary cilia in the human testis and ciliary coordination of Hedgehog signalling in mouse Leydig cells. *Scientific Reports*, **2015**, 5, 10364	4.9	24
65	Ins and outs of GPCR signaling in primary cilia. *EMBO Reports*, **2015**, 16, 1099-113	6.5	131
64	Proteomic analysis of bovine blastocoel fluid and blastocyst cells. *Systems Biology in Reproductive Medicine*, **2014**, 60, 127-35	2.9	15
63	Identification of conserved, centrosome-targeting ASH domains in TRAPPII complex subunits and TRAPPC8. *Cilia*, **2014**, 3, 6	5.5	24
62	Linking the Primary Cilium to Cell Migration in Tissue Repair and Brain Development. *BioScience*, **2014**, 64, 1115-1125	5.7	25

61	Cilia and coordination of signaling networks during heart development. *Organogenesis*, **2014**, 10, 108-25	1.7	62
60	TGF-β signaling is associated with endocytosis at the pocket region of the primary cilium. *Cell Reports*, **2013**, 3, 1806-14	10.6	199
59	Analysis of primary cilia in directional cell migration in fibroblasts. *Methods in Enzymology*, **2013**, 525, 45-58	1.7	15
58	Proteomic analysis of human blastocoel fluid and blastocyst cells. *Stem Cells and Development*, **2013**, 22, 1126-35	4.4	27
57	PDGFRβ signaling in the primary cilium regulates NHE1-dependent fibroblast migration via coordinated differential activity of MEK1/2-ERK1/2-p90RSK and AKT signaling pathways. *Journal of Cell Science*, **2013**, 126, 953-65	5.3	62
56	Inversin/Nephrocystin-2 is required for fibroblast polarity and directional cell migration. *PLoS ONE*, **2013**, 8, e60193	3.7	37
55	Regulating intraflagellar transport. *Nature Cell Biology*, **2012**, 14, 904-6	23.4	14
54	Primary cilia and aberrant cell signaling in epithelial ovarian cancer. *Cilia*, **2012**, 1, 15	5.5	50
53	Primary cilia and coordination of receptor tyrosine kinase (RTK) signalling. *Journal of Pathology*, **2012**, 226, 172-84	9.4	119
52	The ciliary cytoskeleton. *Comprehensive Physiology*, **2012**, 2, 779-803	7.7	35
51	Characterization of an Ex vivo Femoral Head Model Assessed by Markers of Bone and Cartilage Turnover. *Cartilage*, **2011**, 2, 265-78	3	12
50	Glucocorticoids exert context-dependent effects on cells of the joint in vitro. *Steroids*, **2011**, 76, 1474-82	2.8	7
49	EB1 and EB3 promote cilia biogenesis by several centrosome-related mechanisms. *Journal of Cell Science*, **2011**, 124, 2539-51	5.3	87
48	In human granulosa cells from small antral follicles, androgen receptor mRNA and androgen levels in follicular fluid correlate with FSH receptor mRNA. *Molecular Human Reproduction*, **2011**, 17, 63-70	4.4	112
47	EB1 and EB3 promote cilia biogenesis by several centrosome-related mechanisms. *Development (Cambridge)*, **2011**, 138, e1608-e1608	6.6	
46	The primary cilium at a glance. *Journal of Cell Science*, **2010**, 123, 499-503	5.3	363
45	Directional cell migration and chemotaxis in wound healing response to PDGF-AA are coordinated by the primary cilium in fibroblasts. *Cellular Physiology and Biochemistry*, **2010**, 25, 279-92	3.9	187
44	Immunoflourescence and mRNA analysis of human embryonic stem cells (hESCs) grown under feeder-free conditions. *Methods in Molecular Biology*, **2010**, 584, 195-210	1.4	14

43	Primary cilia and signaling pathways in mammalian development, health and disease. *Nephron Physiology*, **2009**, 111, p39-53		206
42	Using nucleofection of siRNA constructs for knockdown of primary cilia in P19.CL6 cancer stem cell differentiation into cardiomyocytes. *Methods in Cell Biology*, **2009**, 94, 181-97	1.8	15
41	Using quantitative PCR to identify kinesin-3 genes that are upregulated during growth arrest in mouse NIH3T3 cells. *Methods in Cell Biology*, **2009**, 94, 67-86	1.8	3
40	The Na+/H+ exchanger NHE1 is required for directional migration stimulated via PDGFR-alpha in the primary cilium. *Journal of Cell Biology*, **2009**, 185, 163-76	7.3	77
39	The primary cilium coordinates early cardiogenesis and hedgehog signaling in cardiomyocyte differentiation. *Journal of Cell Science*, **2009**, 122, 3070-82	5.3	79
38	The primary cilium coordinates signaling pathways in cell cycle control and migration during development and tissue repair. *Current Topics in Developmental Biology*, **2008**, 85, 261-301	5.3	115
37	Effects of osmotic stress on the activity of MAPKs and PDGFR-beta-mediated signal transduction in NIH-3T3 fibroblasts. *American Journal of Physiology - Cell Physiology*, **2008**, 294, C1046-55	5.4	43
36	Human embryonic stem cells in culture possess primary cilia with hedgehog signaling machinery. *Journal of Cell Biology*, **2008**, 180, 897-904	7.3	119
35	Structure and function of mammalian cilia. *Histochemistry and Cell Biology*, **2008**, 129, 687-93	2.4	145
34	H-ras transformation sensitizes volume-activated anion channels and increases migratory activity of NIH3T3 fibroblasts. *Pflugers Archiv European Journal of Physiology*, **2008**, 455, 1055-62	4.6	33
33	Assembly of primary cilia. *Developmental Dynamics*, **2008**, 237, 1993-2006	2.9	165
32	Characterization of primary cilia and Hedgehog signaling during development of the human pancreas and in human pancreatic duct cancer cell lines. *Developmental Dynamics*, **2008**, 237, 2039-52	2.9	53
31	Early-stage apoptosis is associated with DNA-damage-independent ATM phosphorylation and chromatin decondensation in NIH3T3 fibroblasts. *Cell Biology International*, **2008**, 32, 107-13	4.5	7
30	Overview of structure and function of mammalian cilia. *Annual Review of Physiology*, **2007**, 69, 377-400	23.1	722
29	Sensory cilia and integration of signal transduction in human health and disease. *Traffic*, **2007**, 8, 97-109	5.7	201
28	EB1 is required for primary cilia assembly in fibroblasts. *Current Biology*, **2007**, 17, 1134-9	6.3	59
27	The lissencephaly protein Lis1 is present in motile mammalian cilia and requires outer arm dynein for targeting to Chlamydomonas flagella. *Journal of Cell Science*, **2007**, 120, 858-67	5.3	43
26	Cell signaling. A ciliary signaling switch. *Science*, **2007**, 317, 330-1	33.3	39

25	Expression and localization of the progesterone receptor in mouse and human reproductive organs. *Journal of Endocrinology*, **2006**, 191, 525-35	4.7	100
24	Localization of the angiopoietin receptors Tie-1 and Tie-2 on the primary cilia in the female reproductive organs. *Cell Biology International*, **2005**, 29, 340-6	4.5	40
23	Localization of transient receptor potential ion channels in primary and motile cilia of the female murine reproductive organs. *Molecular Reproduction and Development*, **2005**, 71, 444-52	2.6	74
22	Cell shrinkage as a signal to apoptosis in NIH 3T3 fibroblasts. *Journal of Physiology*, **2005**, 567, 427-43	3.9	118
21	PDGFRalphaalpha signaling is regulated through the primary cilium in fibroblasts. *Current Biology*, **2005**, 15, 1861-6	6.3	464
20	High expression of the taurine transporter TauT in primary cilia of NIH3T3 fibroblasts. *Cell Biology International*, **2005**, 29, 347-51	4.5	18
19	Regulation of the expression and subcellular localization of the taurine transporter TauT in mouse NIH3T3 fibroblasts. *FEBS Journal*, **2004**, 271, 4646-58		48
18	Insulin receptor-like proteins in Tetrahymena thermophila ciliary membranes. *Current Biology*, **2003**, 13, R50-2	6.3	73
17	Mechanisms of activation of NHE by cell shrinkage and by calyculin A in Ehrlich ascites tumor cells. *Journal of Membrane Biology*, **2002**, 189, 67-81	2.3	46
16	Cell death in Tetrahymena thermophila: new observations on culture conditions. *Cell Biology International*, **2001**, 25, 509-19	4.5	20
15	A regulatory light chain of ciliary outer arm dynein in Tetrahymena thermophila. *Journal of Biological Chemistry*, **2001**, 276, 20048-54	5.4	33
14	Inhibition of protein phosphatase 2A induces serine/threonine phosphorylation, subcellular redistribution, and functional inhibition of STAT3. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 10620-5	11.5	122
13	Origins of Signalling and Memory: Matters of Life Versus Death. *Acta Biologica Hungarica*, **1999**, 50, 441-461		9
12	Signaling in unicellular eukaryotes. *International Review of Cytology*, **1998**, 177, 181-253		54
11	Staurosporine-induced cell death in Tetrahymena thermophila has mixed characteristics of both apoptotic and autophagic degeneration. *Cell Biology International*, **1998**, 22, 591-8	4.5	49
10	Cell survival and multiplication. The overriding need for signals: from unicellular to multicellular systems. *FEMS Microbiology Letters*, **1996**, 137, 123-8	2.9	9
9	Insulin produces a biphasic response in Tetrahymena thermophila by stimulating cell survival and activating proliferation in two separate concentration intervals. *Cell Biology International*, **1996**, 20, 437-44	4.5	17
8	Cell death, survival and proliferation in Tetrahymena thermophila. Effects of insulin, sodium nitroprusside, 8-Bromo cyclic GMP, NG-methyl-L-arginine and methylene blue. *Cell Biology International*, **1996**, 20, 653-66	4.5	34

7	Mechanisms controlling death, survival and proliferation in a model unicellular eukaryote Tetrahymena thermophila. *Cell Death and Differentiation*, **1995**, 2, 301-8	12.7	45
6	Physiological studies on the effect of Ca2+ on the duration of the lag phase of Saccharomyces cerevisiae. *FEMS Microbiology Letters*, **1994**, 123, 33-6	2.9	12
5	Signalling in cell growth and death: adequate nutrition alone may not be sufficient for ciliates. A minireview. *Cell Biology International*, **1993**, 17, 817-23	4.5	31
4	Insulin rescues the unicellular eukaryote Tetrahymena from dying in a complete, synthetic nutrient medium. *Cell Biology International*, **1993**, 17, 833-7	4.5	30
3	Nutritional stress in Tetrahymena relieved by addition of hemin or phospholipids. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **1992**, 162, 107-110	2.2	6
2	Compounds stimulating growth and multiplication in ciliates. Do also free-living cells release growth factors?. *Die Naturwissenschaften*, **1992**, 79, 234-5	2	7
1	Porphyrin rings and phospholipids: stimulators of cloning efficiency in certain species of Tetrahymena. *Journal of Protozoology*, **1992**, 39, 343-5		15