

# Søren T Christensen

## List of Publications by Year in descending order

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99  
papers

7,730  
citations

57758

44  
h-index

54911

84  
g-index

105  
all docs

105  
docs citations

105  
times ranked

7401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smooth muscle ATP-sensitive potassium channels mediate migraine-relevant hypersensitivity in mouse models. <i>Cephalalgia</i> , 2022, 42, 93-107.	3.9	11
2	Angiotensin isoform 2 promotes binding of PALS1 to KIF13B at primary cilia and regulates ciliary length and signaling. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	6
3	N-acetylcysteine protects ovarian follicles from ischemia-reperfusion injury in xenotransplanted human ovarian tissue. <i>Human Reproduction</i> , 2021, 36, 429-443.	0.9	19
4	ALMS1 Regulates TGF- $\beta$ 2 Signaling and Morphology of Primary Cilia. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 623829.	3.7	17
5	CEP78 functions downstream of CEP350 to control biogenesis of primary cilia by negatively regulating CP110 levels. <i>ELife</i> , 2021, 10, .	6.0	29
6	CGRP-dependent signalling pathways involved in mouse models of GTN- cilostazol- and levcromakalim-induced migraine. <i>Cephalalgia</i> , 2021, 41, 1413-1426.	3.9	26
7	Ciliary Localization of the Intraflagellar Transport Protein IFT88 Is Disrupted in Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 120-123.	2.9	6
8	RRP7A links primary microcephaly to dysfunction of ribosome biogenesis, resorption of primary cilia, and neurogenesis. <i>Nature Communications</i> , 2020, 11, 5816.	12.8	34
9	TGF- $\beta$ 2 Signaling Increases Net Acid Extrusion, Proliferation and Invasion in Panc-1 Pancreatic Cancer Cells: SMAD4 Dependence and Link to Merlin/NF2 Signaling. <i>Frontiers in Oncology</i> , 2020, 10, 687.	2.8	19
10	Human RTEL1 associates with Poldip3 to facilitate responses to replication stress and R-loop resolution. <i>Genes and Development</i> , 2020, 34, 1065-1074.	5.9	27
11	Analysis of Caveolin in Primary Cilia. <i>Methods in Molecular Biology</i> , 2020, 2169, 27-41.	0.9	1
12	Cellular signalling by primary cilia in development, organ function and disease. <i>Nature Reviews Nephrology</i> , 2019, 15, 199-219.	9.6	533
13	Comparison of Cultured Human Cardiomyocyte Clusters Obtained from Embryos/Fetuses or Derived from Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2019, 28, 608-619.	2.1	2
14	CEP128 Localizes to the Subdistal Appendages of the Mother Centriole and Regulates TGF- $\beta$ 2/BMP Signaling at the Primary Cilium. <i>Cell Reports</i> , 2018, 22, 2584-2592.	6.4	59
15	TSC1 and TSC2 regulate cilia length and canonical Hedgehog signaling via different mechanisms. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2663-2680.	5.4	34
16	IFT20 modulates ciliary PDGFR $\beta$ signaling by regulating the stability of Cbl E3 ubiquitin ligases. <i>Journal of Cell Biology</i> , 2018, 217, 151-161.	5.2	54
17	The E3 ubiquitin ligase SMURF1 regulates cell-fate specification and outflow tract septation during mammalian heart development. <i>Scientific Reports</i> , 2018, 8, 9542.	3.3	20
18	Challenges for the Sustainability of University-Run Biobanks. <i>Biopreservation and Biobanking</i> , 2018, 16, 312-321.	1.0	12

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19	Regulation of ciliary membrane protein trafficking and signalling by kinesin motor proteins. <i>FEBS Journal</i> , 2018, 285, 4535-4564.	4.7	37
20	KIF13B establishes a CAV1-enriched microdomain at the ciliary transition zone to promote Sonic hedgehog signalling. <i>Nature Communications</i> , 2017, 8, 14177.	12.8	55
21	Mutation of the Planar Cell Polarity Gene VANGL1 in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2017, 42, E702-E707.	2.0	16
22	Human Embryonic Stem Cell-Derived Cardiomyocytes Self-Arrange with Areas of Different Subtypes During Differentiation. <i>Stem Cells and Development</i> , 2017, 26, 1566-1577.	2.1	14
23	Patient-specific three-dimensional explant spheroids derived from human nasal airway epithelium: a simple methodological approach for ex vivo studies of primary ciliary dyskinesia. <i>Cilia</i> , 2017, 6, 3.	1.8	16
24	Primary Cilia and Coordination of Receptor Tyrosine Kinase (RTK) and Transforming Growth Factor $\beta^2$ (TGF- $\beta^2$ ) Signaling. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a028167.	5.5	103
25	Endocytic Control of Cellular Signaling at the Primary Cilium. <i>Trends in Biochemical Sciences</i> , 2016, 41, 784-797.	7.5	92
26	TGF $\beta^2$ induced recruitment of human bone mesenchymal stem cells is mediated by the primary cilium in a SMAD3-dependent manner. <i>Scientific Reports</i> , 2016, 6, 35542.	3.3	50
27	Morphological and Functional Characterization of the Ciliary Pocket by Electron and Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2016, 1454, 35-51.	0.9	9
28	The intraflagellar transport machinery in ciliary signaling. <i>Current Opinion in Structural Biology</i> , 2016, 41, 98-108.	5.7	72
29	Cell context-specific expression of primary cilia in the human testis and ciliary coordination of Hedgehog signalling in mouse Leydig cells. <i>Scientific Reports</i> , 2015, 5, 10364.	3.3	32
30	Ins and outs of GPCR signaling in primary cilia. <i>EMBO Reports</i> , 2015, 16, 1099-1113.	4.5	191
31	Evolutionary implications of localization of the signaling scaffold protein Parafusin to both cilia and the nucleus. <i>Cell Biology International</i> , 2015, 39, 136-145.	3.0	11
32	PDGFR $\beta^2$ and oncogenic, mutant PDGFR $\beta^2$ D842V promote disassembly of primary cilia by a PLC $\beta^3$ and AURKA dependent mechanism. <i>Journal of Cell Science</i> , 2015, 128, 3543-9.	2.0	24
33	Proteomic analysis of bovine blastocoel fluid and blastocyst cells. <i>Systems Biology in Reproductive Medicine</i> , 2014, 60, 127-135.	2.1	19
34	Identification of conserved, centrosome-targeting ASH domains in TRAPP11 complex subunits and TRAPPC8. <i>Cilia</i> , 2014, 3, 6.	1.8	40
35	Linking the Primary Cilium to Cell Migration in Tissue Repair and Brain Development. <i>BioScience</i> , 2014, 64, 1115-1125.	4.9	38
36	Cilia and coordination of signaling networks during heart development. <i>Organogenesis</i> , 2014, 10, 108-125.	1.2	77

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37	Immunofluorescence Microscopy and mRNA Analysis of Human Embryonic Stem Cells (hESCs) Including Primary Cilia Associated Signaling Pathways. <i>Methods in Molecular Biology</i> , 2014, 1307, 123-140.	0.9	19
38	PDGFR $\beta$ signaling in the primary cilium regulates NHE1-dependent fibroblast migration via coordinated differential activity of MEK1/2-ERK1/2-p90RSK and AKT signaling pathways. <i>Journal of Cell Science</i> , 2013, 126, 953-65.	2.0	76
39	TGF- $\beta$ 2 Signaling Is Associated with Endocytosis at the Pocket Region of the Primary Cilium. <i>Cell Reports</i> , 2013, 3, 1806-1814.	6.4	248
40	Analysis of Primary Cilia in Directional Cell Migration in Fibroblasts. <i>Methods in Enzymology</i> , 2013, 525, 45-58.	1.0	22
41	Proteomic Analysis of Human Blastocoel Fluid and Blastocyst Cells. <i>Stem Cells and Development</i> , 2013, 22, 1126-1135.	2.1	32
42	Inversin/Nephrocystin-2 Is Required for Fibroblast Polarity and Directional Cell Migration. <i>PLoS ONE</i> , 2013, 8, e60193.	2.5	47
43	309 PROTEOMIC ANALYSIS OF THE BLASTOCOEL FLUID AND REMAINING CELLS OF BOVINE BLASTOCYSTS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 301.	0.4	0
44	The Ciliary Cytoskeleton. , 2012, 2, 779-803.		45
45	Regulating intraflagellar transport. <i>Nature Cell Biology</i> , 2012, 14, 904-906.	10.3	15
46	Primary cilia and aberrant cell signaling in epithelial ovarian cancer. <i>Cilia</i> , 2012, 1, 15.	1.8	72
47	Primary cilia and coordination of receptor tyrosine kinase (RTK) signalling. <i>Journal of Pathology</i> , 2012, 226, 172-184.	4.5	151
48	Characterization of an Ex vivo Femoral Head Model Assessed by Markers of Bone and Cartilage Turnover. <i>Cartilage</i> , 2011, 2, 265-278.	2.7	15
49	Glucocorticoids exert context-dependent effects on cells of the joint in vitro. <i>Steroids</i> , 2011, 76, 1474-1482.	1.8	7
50	EB1 and EB3 promote cilia biogenesis by several centrosome-related mechanisms. <i>Journal of Cell Science</i> , 2011, 124, 2539-2551.	2.0	95
51	In human granulosa cells from small antral follicles, androgen receptor mRNA and androgen levels in follicular fluid correlate with FSH receptor mRNA. <i>Molecular Human Reproduction</i> , 2011, 17, 63-70.	2.8	135
52	EB1 and EB3 promote cilia biogenesis by several centrosome-related mechanisms. <i>Development (Cambridge)</i> , 2011, 138, e1608-e1608.	2.5	0
53	The primary cilium at a glance. <i>Journal of Cell Science</i> , 2010, 123, 499-503.	2.0	455
54	Directional Cell Migration and Chemotaxis in Wound Healing Response to PDGF-AA are Coordinated by the Primary Cilium in Fibroblasts. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 279-292.	1.6	226

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55	Primary Cilia and Signaling Pathways in Mammalian Development, Health and Disease. <i>Nephron Physiology</i> , 2009, 111, p39-p53.	1.2	241
56	Using Nucleofection of siRNA Constructs for Knockdown of Primary Cilia in P19.CL6 Cancer Stem Cell Differentiation into Cardiomyocytes. <i>Methods in Cell Biology</i> , 2009, 94, 181-197.	1.1	16
57	Using quantitative PCR to Identify Kinesin-3 Genes that are Upregulated During Growth Arrest in Mouse NIH3T3 Cells. <i>Methods in Cell Biology</i> , 2009, 94, 66-86.	1.1	3
58	The Na <sup>+</sup> /H <sup>+</sup> exchanger NHE1 is required for directional migration stimulated via PDGFR-Î± in the primary cilium. <i>Journal of Cell Biology</i> , 2009, 185, 163-176.	5.2	85
59	The primary cilium coordinates early cardiogenesis and hedgehog signaling in cardiomyocyte differentiation. <i>Journal of Cell Science</i> , 2009, 122, 3070-3082.	2.0	91
60	Immunofluorescence and mRNA Analysis of Human Embryonic Stem Cells (hESCs) Grown Under Feeder-Free Conditions. <i>Methods in Molecular Biology</i> , 2009, 584, 195-210.	0.9	15
61	Structure and function of mammalian cilia. <i>Histochemistry and Cell Biology</i> , 2008, 129, 687-693.	1.7	168
62	H-ras transformation sensitizes volume-activated anion channels and increases migratory activity of NIH3T3 fibroblasts. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 455, 1055-1062.	2.8	35
63	Assembly of primary cilia. <i>Developmental Dynamics</i> , 2008, 237, 1993-2006.	1.8	180
64	Characterization of primary cilia and Hedgehog signaling during development of the human pancreas and in human pancreatic duct cancer cell lines. <i>Developmental Dynamics</i> , 2008, 237, 2039-2052.	1.8	69
65	Early-stage apoptosis is associated with DNA-damage-independent ATM phosphorylation and chromatin decondensation in NIH3T3 fibroblasts. <i>Cell Biology International</i> , 2008, 32, 107-113.	3.0	9
66	Chapter 10 The Primary Cilium Coordinates Signaling Pathways in Cell Cycle Control and Migration During Development and Tissue Repair. <i>Current Topics in Developmental Biology</i> , 2008, 85, 261-301.	2.2	135
67	Effects of osmotic stress on the activity of MAPKs and PDGFR-Î²-mediated signal transduction in NIH-3T3 fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C1046-C1055.	4.6	51
68	Human embryonic stem cells in culture possess primary cilia with hedgehog signaling machinery. <i>Journal of Cell Biology</i> , 2008, 180, 897-904.	5.2	135
69	The lissencephaly protein Lis1 is present in motile mammalian cilia and requires outer arm dynein for targeting to Chlamydomonas flagella. <i>Journal of Cell Science</i> , 2007, 120, 858-867.	2.0	46
70	A Ciliary Signaling Switch. <i>Science</i> , 2007, 317, 330-331.	12.6	45
71	Overview of Structure and Function of Mammalian Cilia. <i>Annual Review of Physiology</i> , 2007, 69, 377-400.	13.1	941
72	Sensory Cilia and Integration of Signal Transduction in Human Health and Disease. <i>Traffic</i> , 2007, 8, 97-109.	2.7	222

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73	EB1 Is Required for Primary Cilia Assembly in Fibroblasts. <i>Current Biology</i> , 2007, 17, 1134-1139.	3.9	63
74	Expression and localization of the progesterone receptor in mouse and human reproductive organs. <i>Journal of Endocrinology</i> , 2006, 191, 525-535.	2.6	123
75	Localization of the angiopoietin receptors Tie-1 and Tie-2 on the primary cilia in the female reproductive organs. <i>Cell Biology International</i> , 2005, 29, 340-346.	3.0	48
76	Localization of transient receptor potential ion channels in primary and motile cilia of the female murine reproductive organs. <i>Molecular Reproduction and Development</i> , 2005, 71, 444-452.	2.0	86
77	Cell shrinkage as a signal to apoptosis in NIH 3T3 fibroblasts. <i>Journal of Physiology</i> , 2005, 567, 427-443.	2.9	133
78	PDGFR $\beta$ Signaling Is Regulated through the Primary Cilium in Fibroblasts. <i>Current Biology</i> , 2005, 15, 1861-1866.	3.9	517
79	High expression of the taurine transporter TauT in primary cilia of NIH3T3 fibroblasts. <i>Cell Biology International</i> , 2005, 29, 347-351.	3.0	19
80	Regulation of the expression and subcellular localization of the taurine transporter TauT in mouse NIH3T3 fibroblasts. <i>FEBS Journal</i> , 2004, 271, 4646-4658.	0.2	55
81	Insulin receptor-like proteins in <i>Tetrahymena thermophila</i> ciliary membranes. <i>Current Biology</i> , 2003, 13, R50-R52.	3.9	88
82	Mechanisms of Activation of NHE by Cell Shrinkage and by Calyculin A in Ehrlich Ascites Tumor Cells. <i>Journal of Membrane Biology</i> , 2002, 189, 67-81.	2.1	51
83	CELL DEATH IN TETRAHYMENA THERMOPHILA: NEW OBSERVATIONS ON CULTURE CONDITIONS. <i>Cell Biology International</i> , 2001, 25, 509-519.	3.0	25
84	A Regulatory Light Chain of Ciliary Outer Arm Dynein in <i>Tetrahymena thermophila</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 20048-20054.	3.4	40
85	Inhibition of protein phosphatase 2A induces serine/threonine phosphorylation, subcellular redistribution, and functional inhibition of STAT3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 10620-10625.	7.1	133
86	Origins of Signalling and Memory: Matters of Life Versus Death. <i>Acta Biologica Hungarica</i> , 1999, 50, 441-461.	0.7	11
87	STAUROSPORINE-INDUCED CELL DEATH IN TETRAHYMENA THERMOPHILA HAS MIXED CHARACTERISTICS OF BOTH APOPTOTIC AND AUTOPHAGIC DEGENERATION. <i>Cell Biology International</i> , 1998, 22, 591-598.	3.0	57
88	Signaling in Unicellular Eukaryotes. <i>International Review of Cytology</i> , 1997, 177, 181-253.	6.2	64
89	Cell survival and multiplication The overriding need for signals: from unicellular to multicellular systems. <i>FEMS Microbiology Letters</i> , 1996, 137, 123-128.	1.8	15
90	INSULIN PRODUCES A BIPHASIC RESPONSE IN TETRAHYMENA THERMOPHILA BY STIMULATING CELL SURVIVAL AND ACTIVATING PROLIFERATION IN TWO SEPARATE CONCENTRATION INTERVALS. <i>Cell Biology International</i> , 1996, 20, 437-444.	3.0	24

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91	CELL DEATH, SURVIVAL AND PROLIFERATION INTETRAHYMENA THERMOPHILA. EFFECTS OF INSULIN, SODIUM NITROPRUSSIDE, 8-BROMO CYCLIC GMP, NG-METHYL-L-ARGININE AND METHYLENE BLUE. Cell Biology International, 1996, 20, 653-666.	3.0	43
92	Mechanisms controlling death, survival and proliferation in a model unicellular eukaryote Tetrahymena thermophila. Cell Death and Differentiation, 1995, 2, 301-8.	11.2	53
93	Physiological studies on the effect of Ca <sup>2+</sup> on the duration of the lag phase of Saccharomyces cerevisiae. FEMS Microbiology Letters, 1994, 123, 33-36.	1.8	13
94	Physiological studies on the effect of Ca <sup>2+</sup> on the duration of the lag phase of Saccharomyces cerevisiae. FEMS Microbiology Letters, 1994, 123, 33-36.	1.8	1
95	Signalling in cell growth and death: adequate nutrition alone may not be sufficient for ciliates A Minireview. Cell Biology International, 1993, 17, 817-824.	3.0	42
96	Insulin rescues the unicellular eukaryote Tetrahymena from dying in a complete, synthetic nutrient medium. Cell Biology International, 1993, 17, 833-838.	3.0	40
97	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.	1.5	7
98	Compounds stimulating growth and multiplication in ciliates. Die Naturwissenschaften, 1992, 79, 234-235.	1.6	8
99	Porphyrin Rings and Phospholipids: Stimulators of Cloning Efficiency in Certain Species of Tetrahymena. Journal of Protozoology, 1992, 39, 343-345.	0.8	15