

Sren T Christensen

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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	Overview of structure and function of mammalian cilia. <i>Annual Review of Physiology</i> , 2007 , 69, 377-400	23.1	722
95	PDGFRalpha signaling is regulated through the primary cilium in fibroblasts. <i>Current Biology</i> , 2005 , 15, 1861-6	6.3	464
94	The primary cilium at a glance. <i>Journal of Cell Science</i> , 2010 , 123, 499-503	5.3	363
93	Cellular signalling by primary cilia in development, organ function and disease. <i>Nature Reviews Nephrology</i> , 2019 , 15, 199-219	14.9	218
92	Primary cilia and signaling pathways in mammalian development, health and disease. <i>Nephron Physiology</i> , 2009 , 111, p39-53		206
91	Sensory cilia and integration of signal transduction in human health and disease. <i>Traffic</i> , 2007 , 8, 97-109	5.7	201
90	TGF-β signaling is associated with endocytosis at the pocket region of the primary cilium. <i>Cell Reports</i> , 2013 , 3, 1806-14	10.6	199
89	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, 279-92	3.9	187
88	Assembly of primary cilia. <i>Developmental Dynamics</i> , 2008 , 237, 1993-2006	2.9	165
87	Structure and function of mammalian cilia. <i>Histochemistry and Cell Biology</i> , 2008 , 129, 687-93	2.4	145
86	Ins and outs of GPCR signaling in primary cilia. <i>EMBO Reports</i> , 2015 , 16, 1099-113	6.5	131
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, 10620-5	11.5	122
84	Primary cilia and coordination of receptor tyrosine kinase (RTK) signalling. <i>Journal of Pathology</i> , 2012 , 226, 172-84	9.4	119
83	Human embryonic stem cells in culture possess primary cilia with hedgehog signaling machinery. <i>Journal of Cell Biology</i> , 2008 , 180, 897-904	7.3	119
82	Cell shrinkage as a signal to apoptosis in NIH 3T3 fibroblasts. <i>Journal of Physiology</i> , 2005 , 567, 427-43	3.9	118
81	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	5.3	115
80	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	4.4	112

79	Expression and localization of the progesterone receptor in mouse and human reproductive organs. <i>Journal of Endocrinology</i> , 2006 , 191, 525-35	4.7	100
78	EB1 and EB3 promote cilia biogenesis by several centrosome-related mechanisms. <i>Journal of Cell Science</i> , 2011 , 124, 2539-51	5.3	87
77	The primary cilium coordinates early cardiogenesis and hedgehog signaling in cardiomyocyte differentiation. <i>Journal of Cell Science</i> , 2009 , 122, 3070-82	5.3	79
76	The Na ⁺ /H ⁺ exchanger NHE1 is required for directional migration stimulated via PDGFR-alpha in the primary cilium. <i>Journal of Cell Biology</i> , 2009 , 185, 163-76	7.3	77
75	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, 444-52	2.6	74
74	Insulin receptor-like proteins in <i>Tetrahymena thermophila</i> ciliary membranes. <i>Current Biology</i> , 2003 , 13, R50-2	6.3	73
73	Endocytic Control of Cellular Signaling at the Primary Cilium. <i>Trends in Biochemical Sciences</i> , 2016 , 41, 784-797	10.3	72
72	Cilia and coordination of signaling networks during heart development. <i>Organogenesis</i> , 2014 , 10, 108-25	1.7	62
71	PDGFR 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	5.3	62
70	EB1 is required for primary cilia assembly in fibroblasts. <i>Current Biology</i> , 2007 , 17, 1134-9	6.3	59
69	The intraflagellar transport machinery in ciliary signaling. <i>Current Opinion in Structural Biology</i> , 2016 , 41, 98-108	8.1	58
68	Primary Cilia and Coordination of Receptor Tyrosine Kinase (RTK) and Transforming Growth Factor [TGF- β] Signaling. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017 , 9,	10.2	55
67	Signaling in unicellular eukaryotes. <i>International Review of Cytology</i> , 1998 , 177, 181-253		54
66	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, 2039-52	2.9	53
65	Primary cilia and aberrant cell signaling in epithelial ovarian cancer. <i>Cilia</i> , 2012 , 1, 15	5.5	50
64	Staurosporine-induced cell death in <i>Tetrahymena thermophila</i> has mixed characteristics of both apoptotic and autophagic degeneration. <i>Cell Biology International</i> , 1998 , 22, 591-8	4.5	49
63	Regulation of the expression and subcellular localization of the taurine transporter TauT in mouse NIH3T3 fibroblasts. <i>FEBS Journal</i> , 2004 , 271, 4646-58		48
62	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	2.3	46

61	Mechanisms controlling death, survival and proliferation in a model unicellular eukaryote <i>Tetrahymena thermophila</i> . <i>Cell Death and Differentiation</i> , 1995 , 2, 301-8	12.7	45
60	Effects of osmotic stress on the activity of MAPKs and PDGFR-beta-mediated signal transduction in NIH-3T3 fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 294, C1046-55	5.4	43
59	The lissencephaly protein Lis1 is present in motile mammalian cilia and requires outer arm dynein for targeting to <i>Chlamydomonas</i> flagella. <i>Journal of Cell Science</i> , 2007 , 120, 858-67	5.3	43
58	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, 340-6	4.5	40
57	Cell signaling. A ciliary signaling switch. <i>Science</i> , 2007 , 317, 330-1	33.3	39
56	TGF β - 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	4.9	39
55	KIF13B establishes a CAV1-enriched microdomain at the ciliary transition zone to promote Sonic hedgehog signalling. <i>Nature Communications</i> , 2017 , 8, 14177	17.4	37
54	Inversin/Nephrocystin-2 is required for fibroblast polarity and directional cell migration. <i>PLoS ONE</i> , 2013 , 8, e60193	3.7	37
53	IFT20 modulates ciliary PDGFR β signaling by regulating the stability of Cbl E3 ubiquitin ligases. <i>Journal of Cell Biology</i> , 2018 , 217, 151-161	7.3	37
52	CEP128 Localizes to the Subdistal Appendages of the Mother Centriole and Regulates TGF β /BMP Signaling at the Primary Cilium. <i>Cell Reports</i> , 2018 , 22, 2584-2592	10.6	36
51	The ciliary cytoskeleton. <i>Comprehensive Physiology</i> , 2012 , 2, 779-803	7.7	35
50	Cell death, survival and proliferation in <i>Tetrahymena thermophila</i> . Effects of insulin, sodium nitroprusside, 8-Bromo cyclic GMP, NG-methyl-L-arginine and methylene blue. <i>Cell Biology International</i> , 1996 , 20, 653-66	4.5	34
49	H-ras transformation sensitizes volume-activated anion channels and increases migratory activity of NIH3T3 fibroblasts. <i>Pflugers Archiv European Journal of Physiology</i> , 2008 , 455, 1055-62	4.6	33
48	A regulatory light chain of ciliary outer arm dynein in <i>Tetrahymena thermophila</i> . <i>Journal of Biological Chemistry</i> , 2001 , 276, 20048-54	5.4	33
47	Signalling in cell growth and death: adequate nutrition alone may not be sufficient for ciliates. A minireview. <i>Cell Biology International</i> , 1993 , 17, 817-23	4.5	31
46	Insulin rescues the unicellular eukaryote <i>Tetrahymena</i> from dying in a complete, synthetic nutrient medium. <i>Cell Biology International</i> , 1993 , 17, 833-7	4.5	30
45	Proteomic analysis of human blastocoel fluid and blastocyst cells. <i>Stem Cells and Development</i> , 2013 , 22, 1126-35	4.4	27
44	Linking the Primary Cilium to Cell Migration in Tissue Repair and Brain Development. <i>BioScience</i> , 2014 , 64, 1115-1125	5.7	25

43	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	4.9	24
42	Identification of conserved, centrosome-targeting ASH domains in TRAPP1 complex subunits and TRAPPC8. <i>Cilia</i> , 2014 , 3, 6	5.5	24
41	PDGFR β and oncogenic mutant PDGFR β D842V promote disassembly of primary cilia through a PLC β and AURKA-dependent mechanism. <i>Journal of Cell Science</i> , 2015 , 128, 3543-9	5.3	21
40	TSC1 and TSC2 regulate cilia length and canonical Hedgehog signaling via different mechanisms. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 2663-2680	10.3	20
39	Cell death in <i>Tetrahymena thermophila</i> : new observations on culture conditions. <i>Cell Biology International</i> , 2001 , 25, 509-19	4.5	20
38	Regulation of ciliary membrane protein trafficking and signalling by kinesin motor proteins. <i>FEBS Journal</i> , 2018 , 285, 4535-4564	5.7	18
37	High expression of the taurine transporter TauT in primary cilia of NIH3T3 fibroblasts. <i>Cell Biology International</i> , 2005 , 29, 347-51	4.5	18
36	Insulin produces a biphasic response in <i>Tetrahymena thermophila</i> by stimulating cell survival and activating proliferation in two separate concentration intervals. <i>Cell Biology International</i> , 1996 , 20, 437-444	4.5	17
35	Proteomic analysis of bovine blastocoel fluid and blastocyst cells. <i>Systems Biology in Reproductive Medicine</i> , 2014 , 60, 127-35	2.9	15
34	Analysis of primary cilia in directional cell migration in fibroblasts. <i>Methods in Enzymology</i> , 2013 , 525, 45-58	1.7	15
33	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, 181-97	1.8	15
32	Porphyrin rings and phospholipids: stimulators of cloning efficiency in certain species of <i>Tetrahymena</i> . <i>Journal of Protozoology</i> , 1992 , 39, 343-5		15
31	RRP7A links primary microcephaly to dysfunction of ribosome biogenesis, resorption of primary cilia, and neurogenesis. <i>Nature Communications</i> , 2020 , 11, 5816	17.4	15
30	Immunofluorescence Microscopy and mRNA Analysis of Human Embryonic Stem Cells (hESCs) Including Primary Cilia Associated Signaling Pathways. <i>Methods in Molecular Biology</i> , 2016 , 1307, 123-40	1.4	14
29	Regulating intraflagellar transport. <i>Nature Cell Biology</i> , 2012 , 14, 904-6	23.4	14
28	Immunofluorescence and mRNA analysis of human embryonic stem cells (hESCs) grown under feeder-free conditions. <i>Methods in Molecular Biology</i> , 2010 , 584, 195-210	1.4	14
27	Mutation of the Planar Cell Polarity Gene VANGL1 in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2017 , 42, E702-E707	3.3	12
26	Characterization of an Ex vivo Femoral Head Model Assessed by Markers of Bone and Cartilage Turnover. <i>Cartilage</i> , 2011 , 2, 265-78	3	12

25	Physiological studies on the effect of Ca ²⁺ on the duration of the lag phase of <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Letters</i> , 1994 , 123, 33-6	2.9	12
24	The E3 ubiquitin ligase SMURF1 regulates cell-fate specification and outflow tract septation during mammalian heart development. <i>Scientific Reports</i> , 2018 , 8, 9542	4.9	11
23	CEP78 functions downstream of CEP350 to control biogenesis of primary cilia by negatively regulating CP110 levels. <i>ELife</i> , 2021 , 10,	8.9	11
22	Challenges for the Sustainability of University-Run Biobanks. <i>Biopreservation and Biobanking</i> , 2018 , 16, 312-321	2.1	10
21	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	5.5	10
20	Cell survival and multiplication. The overriding need for signals: from unicellular to multicellular systems. <i>FEMS Microbiology Letters</i> , 1996 , 137, 123-8	2.9	9
19	Origins of Signalling and Memory: Matters of Life Versus Death. <i>Acta Biologica Hungarica</i> , 1999 , 50, 441-461		9
18	Evolutionary implications of localization of the signaling scaffold protein parafusin to both cilia and the nucleus. <i>Cell Biology International</i> , 2015 , 39, 136-45	4.5	8
17	Human RTEL1 associates with Poldip3 to facilitate responses to replication stress and R-loop resolution. <i>Genes and Development</i> , 2020 , 34, 1065-1074	12.6	8
16	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	4.4	7
15	Glucocorticoids exert context-dependent effects on cells of the joint in vitro. <i>Steroids</i> , 2011 , 76, 1474-82.	2.8	7
14	Early-stage apoptosis is associated with DNA-damage-independent ATM phosphorylation and chromatin decondensation in NIH3T3 fibroblasts. <i>Cell Biology International</i> , 2008 , 32, 107-13	4.5	7
13	Compounds stimulating growth and multiplication in ciliates. Do also free-living cells release growth factors?. <i>Die Naturwissenschaften</i> , 1992 , 79, 234-5	2	7
12	TGF β 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	5.3	6
11	Morphological and Functional Characterization of the Ciliary Pocket by Electron and Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2016 , 1454, 35-51	1.4	6
10	Nutritional stress in <i>Tetrahymena</i> relieved by addition of hemin or phospholipids. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1992 , 162, 107-110	2.2	6
9	N-acetylcysteine protects ovarian follicles from ischemia-reperfusion injury in xenotransplanted human ovarian tissue. <i>Human Reproduction</i> , 2021 , 36, 429-443	5.7	4
8	ALMS1 Regulates TGF β Signaling and Morphology of Primary Cilia. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 623829	5.7	4

7	CGRP-dependent signalling pathways involved in mouse models of GTN- cilostazol- and levromakalim-induced migraine. <i>Cephalalgia</i> , 2021 , 41, 1413-1426	6.1	4
6	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, 67-86	1.8	3
5	Smooth muscle ATP-sensitive potassium channels mediate migraine-relevant hypersensitivity in mouse models. <i>Cephalalgia</i> , 2021 , 3331024211053570	6.1	2
4	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	5.7	1
3	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	4.4	1
2	Analysis of Caveolin in Primary Cilia. <i>Methods in Molecular Biology</i> , 2020 , 2169, 27-41	1.4	1
1	EB1 and EB3 promote cilia biogenesis by several centrosome-related mechanisms. <i>Development (Cambridge)</i> , 2011 , 138, e1608-e1608	6.6	