

Removal of the MDCK Cell Primary Cilium Abolishes Fl

Journal of Membrane Biology

191, 69-76

DOI: [10.1007/s00232-002-1042-4](https://doi.org/10.1007/s00232-002-1042-4)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Bending the Primary Cilium Opens Ca ²⁺ -sensitive Intermediate-Conductance K ⁺ Channels in MDCK Cells. <i>Journal of Membrane Biology</i> , 2003, 191, 193-200.	1.0	132
2	Cilia are at the heart of vertebrate left-right asymmetry. <i>Current Opinion in Genetics and Development</i> , 2003, 13, 385-392.	1.5	122
3	A tale of two tails: ciliary mechanotransduction in ADPKD. <i>Trends in Molecular Medicine</i> , 2003, 9, 234-236.	3.5	15
4	New insights into ciliary function: Kidney cysts and photoreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5583-5585.	3.3	16
5	Intraflagellar Transport. <i>Annual Review of Cell and Developmental Biology</i> , 2003, 19, 423-443.	4.0	380
6	Left-right asymmetry: Nodal points. <i>Journal of Cell Science</i> , 2003, 116, 3251-3257.	1.2	48
7	The renal cell primary cilium functions as a flow sensor. <i>Current Opinion in Nephrology and Hypertension</i> , 2003, 12, 517-520.	1.0	236
8	Luminal flow induces eNOS activation and translocation in the rat thick ascending limb. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, F274-F280.	1.3	66
9	Regulation of calcium signaling by polycystin-2. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, F1012-F1029.	1.3	53
10	Î²1-Integrins in the primary cilium of MDCK cells potentiate fibronectin-induced Ca ²⁺ signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, F969-F978.	1.3	81
11	Polycystins and mechanosensation in renal and nodal cilia. <i>BioEssays</i> , 2004, 26, 844-856.	1.2	201
12	NDP kinase moves into developing primary cilia. <i>Cytoskeleton</i> , 2004, 59, 62-73.	4.4	13
13	Ultrastructural, tomographic and confocal imaging of the chondrocyte primary cilium in situ. <i>Cell Biology International</i> , 2004, 28, 101-110.	1.4	144
14	GROWTH, IMMORTALIZATION, AND DIFFERENTIATION POTENTIAL OF NORMAL ADULT HUMAN PROXIMAL TUBULE CELLS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2004, 40, 22.	0.7	40
15	Cystic Kidney Diseases: All Roads Lead to the Cilium. <i>Physiology</i> , 2004, 19, 225-230.	1.6	77
16	Molecular Basis of Autosomal Dominant Polycystic Kidney Disease. <i>Advances in Anatomic Pathology</i> , 2005, 12, 126-133.	2.4	38
17	Landmarks in the first hundred years of primary (9+0) cilium research. <i>Cell Biology International</i> , 2005, 29, 333-339.	1.4	41
18	Cilium-generated signaling and cilia-related disorders. <i>Laboratory Investigation</i> , 2005, 85, 452-463.	1.7	215

#	ARTICLE	IF	CITATIONS
19	The KLP-6 Kinesin Is Required for Male Mating Behaviors and Polycystin Localization in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2005, 15, 394-404.	1.8	120
20	Microtubule transport defects in neurological and ciliary disease. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 1556-1570.	2.4	40
21	A mechanistic approach to inherited polycystic kidney disease. <i>Pediatric Nephrology</i> , 2005, 20, 558-566.	0.9	23
22	Polycystins: polymodal receptor/ion-channel cellular sensors. <i>Pflügers Archiv European Journal of Physiology</i> , 2005, 451, 264-276.	1.3	105
23	Effect of hydro-osmotic pressure on polycystin-2 channel function in the human syncytiotrophoblast. <i>Pflügers Archiv European Journal of Physiology</i> , 2005, 451, 294-303.	1.3	34
24	Extracellular zinc and ATP-gated P2X receptor calcium entry channels: New zinc receptors as physiological sensors and therapeutic targets. <i>Purinergic Signalling</i> , 2005, 1, 299-310.	1.1	19
25	Transepithelial pressure pulses induce nucleotide release in polarized MDCK cells. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F133-F141.	1.3	59
26	<i>Caenorhabditis elegans</i> as a Model to Study Renal Development and Disease: Sexy Cilia. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 305-312.	3.0	46
27	Characterization of Single Channel Currents from Primary Cilia of Renal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 34718-34722.	1.6	78
28	The <i>C. elegans</i> homologs of nephrocystin-1 and nephrocystin-4 are cilia transition zone proteins involved in chemosensory perception. <i>Journal of Cell Science</i> , 2005, 118, 5575-5587.	1.2	103
29	Cilia and disease. <i>Current Opinion in Genetics and Development</i> , 2005, 15, 308-314.	1.5	128
30	Polaris and Polycystin-2 in dorsal forerunner cells and Kupffer's vesicle are required for specification of the zebrafish left-right axis. <i>Developmental Biology</i> , 2005, 287, 274-288.	0.9	147
31	A PHYSIOLOGICAL VIEW OF THE PRIMARY CILIUM. <i>Annual Review of Physiology</i> , 2005, 67, 515-529.	5.6	258
32	Cholangiocyte Cilia Detect Changes in Luminal Fluid Flow and Transmit Them Into Intracellular Ca ²⁺ and cAMP Signaling. <i>Gastroenterology</i> , 2006, 131, 911-920.	0.6	259
33	Renal Cystic Disease: New Insights for the Clinician. <i>Pediatric Clinics of North America</i> , 2006, 53, 889-909.	0.9	25
34	The Emerging Complexity of the Vertebrate Cilium: New Functional Roles for an Ancient Organelle. <i>Developmental Cell</i> , 2006, 11, 9-19.	3.1	131
35	Cilium-generated signaling: a cellular GPS?. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 245-249.	1.0	53
36	The versatile nature of the calcium-permeable cation channel TRPP2. <i>EMBO Reports</i> , 2006, 7, 787-793.	2.0	125

#	ARTICLE	IF	CITATIONS
37	Molecular and cellular pathophysiology of autosomal recessive polycystic kidney disease (ARPKD). <i>Cell and Tissue Research</i> , 2006, 326, 671-685.	1.5	99
38	Loss of primary cilia results in deregulated and unabated apical calcium entry in ARPKD collecting duct cells. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F1320-F1328.	1.3	86
39	Regulation of cation transport in the distal nephron by mechanical forces. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F923-F931.	1.3	78
40	Heightened epithelial Na ⁺ channel-mediated Na ⁺ absorption in a murine polycystic kidney disease model epithelium lacking apical monocilia. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C952-C963.	2.1	43
41	Isolation and characterization of cholangiocyte primary cilia. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G500-G509.	1.6	95
42	Molecular pathogenesis of autosomal dominant polycystic kidney disease. <i>Expert Reviews in Molecular Medicine</i> , 2006, 8, 1-22.	1.6	46
43	The left-right axis in the mouse: from origin to morphology. <i>Development (Cambridge)</i> , 2006, 133, 2095-2104.	1.2	268
44	The von Hippel-Lindau tumor suppressor protein controls ciliogenesis by orienting microtubule growth. <i>Journal of Cell Biology</i> , 2006, 175, 547-554.	2.3	165
45	Formation of Primary Cilia in the Renal Epithelium Is Regulated by the von Hippel-Lindau Tumor Suppressor Protein. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1801-1806.	3.0	148
46	General and cell-type specific mechanisms target TRPP2/PKD-2 to cilia. <i>Development (Cambridge)</i> , 2006, 133, 3859-3870.	1.2	95
47	Cilia-like Structures and Polycystin-1 in Osteoblasts/Osteocytes and Associated Abnormalities in Skeletogenesis and Runx2 Expression. <i>Journal of Biological Chemistry</i> , 2006, 281, 30884-30895.	1.6	220
48	Primary cilia mediate mechanosensing in bone cells by a calcium-independent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13325-13330.	3.3	417
49	Calcium regulation of endothelin-1 synthesis in rat inner medullary collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F601-F606.	1.3	28
50	Polycystic kidney disease and renal injury repair: common pathways, fluid flow, and the function of polycystin-1. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F1423-F1432.	1.3	100
51	A Role for Alström Syndrome Protein, <i>Alms1</i> , in Kidney Ciliogenesis and Cellular Quiescence. <i>PLoS Genetics</i> , 2007, 3, e8.	1.5	155
52	Flow-Induced [Ca ²⁺] _i Increase Depends on Nucleotide Release and Subsequent Purinergic Signaling in the Intact Nephron. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2062-2070.	3.0	108
53	Role of the AT1A receptor in the CO ₂ -induced stimulation of HCO ₃ ⁻ reabsorption by renal proximal tubules. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F110-F120.	1.3	15
54	Role of Primary Cilia in the Pathogenesis of Polycystic Kidney Disease: Figure 1.. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 1381-1388.	3.0	257

#	ARTICLE	IF	CITATIONS
55	Cholangiocyte cilia express TRPV4 and detect changes in luminal tonicity inducing bicarbonate secretion. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19138-19143.	3.3	186
56	Force-Response Considerations in Ciliary Mechanosensation. Biophysical Journal, 2007, 93, 1380-1390.	0.2	76
57	Overview of Structure and Function of Mammalian Cilia. Annual Review of Physiology, 2007, 69, 377-400.	5.6	941
58	Human ADPKD primary cyst epithelial cells with a novel, single codon deletion in the PKD1 gene exhibit defective ciliary polycystin localization and loss of flow-induced Ca ²⁺ signaling. American Journal of Physiology - Renal Physiology, 2007, 292, F930-F945.	1.3	126
59	pVHL and GSK3 ^β are components of a primary cilium-maintenance signalling network. Nature Cell Biology, 2007, 9, 588-595.	4.6	220
60	Cell biology of polycystin-2. Cellular Signalling, 2007, 19, 444-453.	1.7	80
61	Ciliary calcium signaling is modulated by kidney injury molecule-1 (Kim1). Pflugers Archiv European Journal of Physiology, 2007, 453, 819-829.	1.3	32
62	Loss of apical monocilia on collecting duct principal cells impairs ATP secretion across the apical cell surface and ATP-dependent and flow-induced calcium signals. Purinergic Signalling, 2008, 4, 155-170.	1.1	84
63	Primary cilia sensitize endothelial cells for fluid shear stress. Developmental Dynamics, 2008, 237, 725-735.	0.8	154
64	The primary cilium as a gravitational force transducer and a regulator of transcriptional noise. Developmental Dynamics, 2008, 237, 1955-1959.	0.8	32
65	The Oak Ridge Polycystic Kidney mouse: Modeling ciliopathies of mice and men. Developmental Dynamics, 2008, 237, 1960-1971.	0.8	112
66	Cholangiocyte primary cilia in liver health and disease. Developmental Dynamics, 2008, 237, 2007-2012.	0.8	142
67	Role of Intraflagellar Transport and Primary Cilia in Skeletal Development. Anatomical Record, 2008, 291, 1049-1061.	0.8	51
68	Formation of a new receptor-operated channel by heteromeric assembly of TRPP2 and TRPC1 subunits. EMBO Reports, 2008, 9, 472-479.	2.0	154
69	Fluid flow induces mechanosensitive ATP release, calcium signalling and Cl ⁻ transport in biliary epithelial cells through a PKC ^α -dependent pathway. Journal of Physiology, 2008, 586, 2779-2798.	1.3	74
70	Fluid flow sensing and triggered nucleotide release in epithelia. Journal of Physiology, 2008, 586, 2669-2669.	1.3	16
71	Alterations in renal cilium length during transient complete ureteral obstruction in the mouse. Journal of Anatomy, 2008, 213, 79-85.	0.9	43
72	The solitary (primary) cilium—A mechanosensory toggle switch in bone and cartilage cells. Cellular Signalling, 2008, 20, 1019-1024.	1.7	71

#	ARTICLE	IF	CITATIONS
73	Chapter 11 Cilia Involvement in Patterning and Maintenance of the Skeleton. Current Topics in Developmental Biology, 2008, 85, 303-332.	1.0	74
74	Chapter 13 Ciliary Dysfunction in Developmental Abnormalities and Diseases. Current Topics in Developmental Biology, 2008, 85, 371-427.	1.0	213
75	Chapter 5 Targeting Proteins to the Ciliary Membrane. Current Topics in Developmental Biology, 2008, 85, 115-149.	1.0	129
76	Syntaxin 5 regulates the endoplasmic reticulum channel-release properties of polycystin-2. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15920-15925.	3.3	53
77	Non-Random Distribution and Sensory Functions of Primary Cilia in Vascular Smooth Muscle Cells. Kidney and Blood Pressure Research, 2008, 31, 171-184.	0.9	60
78	Triptolide Reduces Cystogenesis in a Model of ADPKD. Journal of the American Society of Nephrology: JASN, 2008, 19, 1659-1662.	3.0	84
79	Cholangiocyte primary cilia are chemosensory organelles that detect biliary nucleotides via P2Y ₁₂ purinergic receptors. American Journal of Physiology - Renal Physiology, 2008, 295, G725-G734.	1.6	147
80	Osmotic polyuria: an overlooked mechanism in diabetic nephropathy. Nephrology Dialysis Transplantation, 2008, 23, 2167-2172.	0.4	42
81	Effect of calcium-sensing receptor activation in models of autosomal recessive or dominant polycystic kidney disease. Nephrology Dialysis Transplantation, 2008, 24, 526-534.	0.4	45
82	Ciliary dysfunction in polycystic kidney disease: an emerging model with polarizing potential. Frontiers in Bioscience - Landmark, 2008, Volume, 4451.	3.0	31
83	Polycystic Kidney Disease. , 2009, , 393-424.		2
84	Primary Cilia and Signaling Pathways in Mammalian Development, Health and Disease. Nephron Physiology, 2009, 111, p39-p53.	1.5	241
85	Methods for the Isolation of Sensory and Primary Cilia. Methods in Cell Biology, 2009, 94, 87-101.	0.5	16
86	Function and regulation of TRPP2 at the plasma membrane. American Journal of Physiology - Renal Physiology, 2009, 297, F1-F9.	1.3	62
87	Structural and Functional Analyses of Liver Cysts from the BALB/c-cpk Mouse Model of Polycystic Kidney Disease. Experimental Biology and Medicine, 2009, 234, 17-27.	1.1	25
88	From Central to Rudimentary to Primary: The History of an Underappreciated Organelle Whose Time Has Come.The Primary Cilium. Methods in Cell Biology, 2009, 94, 2-52.	0.5	88
89	Attenuated, flow-induced ATP release contributes to absence of flow-sensitive, purinergic Ca ²⁺ signaling in human ADPKD cyst epithelial cells. American Journal of Physiology - Renal Physiology, 2009, 296, F1464-F1476.	1.3	72
90	Deciliation Is Associated with Dramatic Remodeling of Epithelial Cell Junctions and Surface Domains. Molecular Biology of the Cell, 2009, 20, 102-113.	0.9	61

#	ARTICLE	IF	CITATIONS
91	Polycystic Kidney Disease, Cilia, and Planar Polarity. <i>Methods in Cell Biology</i> , 2009, 94, 273-297.	0.5	32
92	Primary cilia are highly oriented with respect to collagen direction and long axis of extensor tendon. <i>Journal of Orthopaedic Research</i> , 2010, 28, 77-82.	1.2	56
93	Ciliar functions in the nephron. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 458, 179-187.	1.3	23
94	ATP release from non-excitabile cells. <i>Purinergic Signalling</i> , 2009, 5, 433-446.	1.1	202
95	Released nucleotides amplify the cilium-dependent, flow-induced $[Ca^{2+}]_i$ response in MDCK cells. <i>Acta Physiologica</i> , 2009, 197, 241-251.	1.8	53
96	Measuring Cilium-Induced Ca^{2+} Increases in Cultured Renal Epithelia. <i>Methods in Cell Biology</i> , 2009, 91, 299-313.	0.5	1
97	Planar cell polarity and cilia. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 998-1005.	2.3	36
98	Primary Cilia and the Cell Cycle. <i>Methods in Cell Biology</i> , 2009, 94, 137-160.	0.5	174
99	Advances in the pathogenesis and treatment of polycystic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2009, 18, 99-106.	1.0	128
100	Characterization of Primary Cilia in Human Airway Smooth Muscle Cells. <i>Chest</i> , 2009, 136, 561-570.	0.4	49
101	Intratubular hydrodynamic forces influence tubulointerstitial fibrosis in the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , 2010, 19, 65-71.	1.0	51
103	A microfluidic bioreactor with integrated transepithelial electrical resistance (TEER) measurement electrodes for evaluation of renal epithelial cells. <i>Biotechnology and Bioengineering</i> , 2010, 107, 707-716.	1.7	122
104	A polycystin-2 (TRPP2) dimerization domain essential for the function of heteromeric polycystin complexes. <i>EMBO Journal</i> , 2010, 29, 1176-1191.	3.5	70
105	Osteocyte primary cilium and its role in bone mechanotransduction. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 422-428.	1.8	122
106	Malattia renale policistica autosomica dominante. Nuovi approcci terapeutici "Ottimisti per diritto". <i>Giornale De Tecniche Nefrologiche & Dialitiche</i> , 2010, 22, 48-54.	0.1	0
107	Polycystic kidney disease: inheritance, pathophysiology, prognosis, and treatment. <i>International Journal of Nephrology and Renovascular Disease</i> , 2010, 3, 69.	0.8	51
108	Use of optical tweezers to probe epithelial mechanosensation. <i>Journal of Biomedical Optics</i> , 2010, 15, 015005.	1.4	19
109	Primary cilium-dependent mechanosensing is mediated by adenylyl cyclase 6 and cyclic AMP in bone cells. <i>FASEB Journal</i> , 2010, 24, 2859-2868.	0.2	131

#	ARTICLE	IF	CITATIONS
110	The membrane-bound bile acid receptor TGR5 (Gpbar-1) is localized in the primary cilium of cholangiocytes. <i>Biological Chemistry</i> , 2010, 391, 785-9.	1.2	103
111	Direct demonstration of tubular fluid flow sensing by macula densa cells. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F1087-F1093.	1.3	33
112	Mechanotransduction in the renal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F1220-F1236.	1.3	124
113	Temporal Relationship between Primary and Motile Ciliogenesis in Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 731-739.	1.4	125
114	Mechanobiology of Primary Cilia. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2010, , 99-124.	0.7	1
115	Polycystic liver diseases. <i>Digestive and Liver Disease</i> , 2010, 42, 261-271.	0.4	29
116	Primary ciliary dyskinesia. Ciliopathies. <i>Acta Otorrinolaringologica (English Edition)</i> , 2010, 61, 149-159.	0.1	5
117	Mechanical loading modulates chondrocyte primary cilia incidence and length. <i>Cell Biology International</i> , 2010, 34, 441-446.	1.4	116
118	Osteocyte Mechanobiology and Pericellular Mechanics. <i>Annual Review of Biomedical Engineering</i> , 2010, 12, 369-400.	5.7	178
119	Intrarenal Purinergic Signaling in the Control of Renal Tubular Transport. <i>Annual Review of Physiology</i> , 2010, 72, 377-393.	5.6	111
120	Polycystins and renovascular mechanosensory transduction. <i>Nature Reviews Nephrology</i> , 2010, 6, 530-538.	4.1	78
121	A mathematical approach to study the bending behavior of the primary cilium. , 2010, , .		2
122	Fluid-shear-stress-induced translocation of aquaporin-2 and reorganization of actin cytoskeleton in renal tubular epithelial cells. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 134-141.	0.6	151
123	TRPP Channels and Polycystins. <i>Advances in Experimental Medicine and Biology</i> , 2011, 704, 287-313.	0.8	33
124	TRP Channels and Mechanical Signals. , 2011, , 87-101.		1
125	Cellular and Biomolecular Mechanics and Mechanobiology. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2011, , .	0.7	8
126	Calcium-mediated mechanisms of cystic expansion. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1281-1290.	1.8	29
127	Polycystic kidney disease: Pathogenesis and potential therapies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1337-1343.	1.8	63

#	ARTICLE	IF	CITATIONS
128	Putative roles of cilia in polycystic kidney disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1256-1262.	1.8	46
129	Chronic Fluid Flow Is an Environmental Modifier of Renal Epithelial Function. <i>PLoS ONE</i> , 2011, 6, e27058.	1.1	9
130	Ultrastructure of cilia and flagella - back to the future!. <i>Biology of the Cell</i> , 2011, 103, 249-270.	0.7	146
131	Agonists that Increase $[Ca^{2+}]_i$ Halt the Movement of Acidic Cytoplasmic Vesicles in MDCK Cells. <i>Journal of Membrane Biology</i> , 2011, 244, 43-53.	1.0	2
132	An Integrative Review of Mechanotransduction in Endothelial, Epithelial (Renal) and Dendritic Cells (Osteocytes). <i>Cellular and Molecular Bioengineering</i> , 2011, 4, 510-537.	1.0	58
133	Primary Cilia-Mediated Osteogenic Response to Fluid Flow Occurs via Increases in Focal Adhesion and Akt Signaling Pathway in MC3T3-E1 Osteoblastic Cells. <i>Cellular and Molecular Bioengineering</i> , 2011, 4, 379-388.	1.0	4
134	Role for Primary Cilia as Flow Detectors in the Cardiovascular System. <i>International Review of Cell and Molecular Biology</i> , 2011, 290, 87-119.	1.6	24
135	Shear Stress Reverses Dome Formation in Confluent Renal Tubular Cells. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 673-682.	1.1	25
136	Fluid Shear Stress Induces Renal Epithelial Gene Expression through Polycystin-2-Dependent Trafficking of Extracellular Regulated Kinase. <i>Nephron Physiology</i> , 2011, 117, p27-p36.	1.5	29
137	Osmosensory Mechanisms in Cellular and Systemic Volume Regulation. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1587-1597.	3.0	77
138	Lack of Primary Cilia Primes Shear-Induced Endothelial-to-Mesenchymal Transition. <i>Circulation Research</i> , 2011, 108, 1093-1101.	2.0	173
139	Planar cell polarity in kidney development and disease. <i>Organogenesis</i> , 2011, 7, 180-190.	0.4	26
140	Novel sensory signaling systems in the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , 2012, 21, 404-409.	1.0	17
141	Mouse models of ciliopathies: the state of the art. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 299-312.	1.2	85
142	The Ciliary Cytoskeleton. , 2012, 2, 779-803.		45
143	Cilia in vertebrate development and disease. <i>Development (Cambridge)</i> , 2012, 139, 443-448.	1.2	144
144	Disruption of Kif3a in osteoblasts results in defective bone formation and osteopenia. <i>Journal of Cell Science</i> , 2012, 125, 1945-57.	1.2	86
145	The mechanics of the primary cilium: An intricate structure with complex function. <i>Journal of Biomechanics</i> , 2012, 45, 17-26.	0.9	92

#	ARTICLE	IF	CITATIONS
146	Primary cilia modulate lhh signal transduction in response to hydrostatic loading of growth plate chondrocytes. <i>Bone</i> , 2012, 50, 79-84.	1.4	77
147	Mechanical regulation of signaling pathways in bone. <i>Gene</i> , 2012, 503, 179-193.	1.0	334
148	A method for measuring electrical signals in a primary cilium. <i>Cilia</i> , 2012, 1, .	1.8	18
149	The TRPP Signaling Module: TRPP2/Polycystin-1 and TRPP2/PKD1L1. <i>Methods in Pharmacology and Toxicology</i> , 2012, , 193-219.	0.1	1
150	Dynamics of the Primary Cilium in Shear Flow. <i>Biophysical Journal</i> , 2012, 103, 629-639.	0.2	48
151	Visualization of Live Primary Cilia Dynamics Using Fluorescence Microscopy. <i>Current Protocols in Cell Biology</i> , 2012, 57, Unit 4.26.	2.3	37
152	Sensory functions of motile cilia and implication for bronchiectasis. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 1088-1098.	0.8	36
153	Calcium signaling in response to fluid flow by chondrocytes in 3D alginate culture. <i>Journal of Orthopaedic Research</i> , 2012, 30, 793-799.	1.2	19
154	The touching story of purinergic signaling in epithelial and endothelial cells. <i>Purinergic Signalling</i> , 2012, 8, 599-608.	1.1	6
155	Downregulation of PKD1 by shRNA results in defective osteogenic differentiation via cAMP/PKA pathway in human MG63 cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 967-976.	1.2	25
156	Primary cilia regulates the directional migration and barrier integrity of endothelial cells through the modulation of Hsp27 dependent actin cytoskeletal organization. <i>Journal of Cellular Physiology</i> , 2012, 227, 70-76.	2.0	58
157	Mechanical cues in cellular signalling and communication. <i>Cell and Tissue Research</i> , 2013, 352, 77-94.	1.5	68
158	Mechanotherapy: revisiting physical therapy and recruiting mechanobiology for a new era in medicine. <i>Trends in Molecular Medicine</i> , 2013, 19, 555-564.	3.5	154
159	P2Y receptors in the gastrointestinal epithelium. <i>Environmental Sciences Europe</i> , 2013, 2, 27-36.	2.6	3
160	Primary cilium-dependent sensing of urinary flow and paracrine purinergic signaling. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 3-10.	2.3	33
161	Shear stress-induced Ca ²⁺ mobilization in MDCK cells is ATP dependent, no matter the primary cilium. <i>Cell Calcium</i> , 2013, 53, 327-337.	1.1	21
162	Renal Cilia Structure, Function, and Physiology. , 2013, , 319-346.		0
163	Autosomal Dominant Polycystic Kidney Disease. , 2013, , 2645-2688.		1

#	ARTICLE	IF	CITATIONS
164	Non-Motile Primary Cilia as Fluid Shear Stress Mechanosensors. <i>Methods in Enzymology</i> , 2013, 525, 1-20.	0.4	57
165	Cystic Diseases of the Kidney. , 2013, , 1-33.		0
166	Mechanobiology of bone. <i>Aging Clinical and Experimental Research</i> , 2013, 25, 3-7.	1.4	61
167	The ciliary flow sensor and polycystic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 518-526.	0.4	45
168	Isolation of Mammalian Primary Cilia. <i>Methods in Enzymology</i> , 2013, 525, 311-325.	0.4	13
169	Reduction of oxidative stress during recovery accelerates normalization of primary cilia length that is altered after ischemic injury in murine kidneys. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1283-F1294.	1.3	46
170	Primary cilia attenuate hedgehog signalling in neoplastic chondrocytes. <i>Oncogene</i> , 2013, 32, 5388-5396.	2.6	60
171	The Roles of Primary cilia in Polycystic Kidney Disease. <i>AIMS Molecular Science</i> , 2013, 1, 27-46.	0.3	41
172	Primary cilia respond to fluid shear stress and mediate flow-induced calcium deposition in osteoblasts. <i>FASEB Journal</i> , 2014, 28, 430-439.	0.2	69
173	Mechanobiology of Ciliogenesis. <i>BioScience</i> , 2014, 64, 1084-1091.	2.2	9
174	Effects of biomechanical forces on signaling in the cortical collecting duct (CCD). <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F195-F204.	1.3	28
175	Electrical Signaling in Motile and Primary Cilia. <i>BioScience</i> , 2014, 64, 1092-1102.	2.2	31
176	Developmental signaling: Does it bridge the gap between cilia dysfunction and renal cystogenesis?. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2014, 102, 159-173.	3.6	19
177	Oscillatory fluid flow influences primary cilia and microtubule mechanics. <i>Cytoskeleton</i> , 2014, 71, 435-445.	1.0	46
178	Evolutionary origins of sensation in metazoans: functional evidence for a new sensory organ in sponges. <i>BMC Evolutionary Biology</i> , 2014, 14, 3.	3.2	92
179	Adenylyl cyclase 6 mediates loading-induced bone adaptation <i>in vivo</i> . <i>FASEB Journal</i> , 2014, 28, 1157-1165.	0.2	37
180	Unicellular Eukaryotes as Models in Cell and Molecular Biology. <i>International Review of Cell and Molecular Biology</i> , 2014, 309, 141-198.	1.6	34
181	Hsp90 α forms a stable complex at cilia neck for signal molecules interaction in cilia-mediated ICF-1 receptor signaling. <i>Journal of Cell Science</i> , 2015, 128, 100-8.	1.2	21

#	ARTICLE	IF	CITATIONS
182	Functional crosstalk between the adenosine transporter CNT3 and purinergic receptors in the biliary epithelia. <i>Journal of Hepatology</i> , 2014, 61, 1337-1343.	1.8	10
183	An experimental and computational analysis of primary cilia deflection under fluid flow. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 2-10.	0.9	46
184	Microfluidic approaches for epithelial cell layer culture and characterisation. <i>Analyst, The</i> , 2014, 139, 3206-3218.	1.7	42
185	Cilioplasm is a cellular compartment for calcium signaling in response to mechanical and chemical stimuli. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2165-2178.	2.4	113
186	Tissue-engineered kidney disease models. <i>Advanced Drug Delivery Reviews</i> , 2014, 69-70, 67-80.	6.6	76
187	Cilia and polycystic kidney disease, kith and kin. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2014, 102, 174-185.	3.6	18
188	In Search of the Pivot Point of Mechanotransduction: Mechanosensing of Stem Cells. <i>Cell Transplantation</i> , 2014, 23, 1-11.	1.2	48
189	A TRPM4-dependent current in murine renal primary cilia. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F697-F707.	1.3	20
190	The primary cilium functions as a mechanical and calcium signaling nexus. <i>Cilia</i> , 2015, 4, 7.	1.8	118
191	Flow stimulated endocytosis in the proximal tubule. <i>Current Opinion in Nephrology and Hypertension</i> , 2015, 24, 1.	1.0	22
192	Primary cilia mechanics affects cell mechanosensation: A computational study. <i>Journal of Theoretical Biology</i> , 2015, 379, 38-46.	0.8	37
193	The role of cilia in the pathogenesis of cystic kidney disease. <i>Current Opinion in Pediatrics</i> , 2015, 27, 212-218.	1.0	21
194	Calcium signalling in the ciliated protozoan model, Paramecium: Strict signal localisation by epigenetically controlled positioning of different Ca ²⁺ -channels. <i>Cell Calcium</i> , 2015, 57, 203-213.	1.1	20
195	The primary cilium as sensor of fluid flow: new building blocks to the model. A Review in the Theme: Cell Signaling: Proteins, Pathways and Mechanisms. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C198-C208.	2.1	70
196	Deciphering physiological role of the mechanosensitive TRPV4 channel in the distal nephron. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F275-F286.	1.3	38
197	Function and regulation of primary cilia and intraflagellar transport proteins in the skeleton. <i>Annals of the New York Academy of Sciences</i> , 2015, 1335, 78-99.	1.8	86
198	Endothelial Cilia Are Essential for Developmental Vascular Integrity in Zebrafish. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 864-875.	3.0	53
199	Multiscale Modeling in Biomechanics and Mechanobiology. , 2015, , .		14

#	ARTICLE	IF	CITATIONS
200	The Primary cilium calcium channels and their role in flow sensing. Pflugers Archiv European Journal of Physiology, 2015, 467, 157-165.	1.3	15
201	Kidney-on-a-chip technology for renal proximal tubule tissue reconstruction. European Journal of Pharmacology, 2016, 790, 46-56.	1.7	63
202	The Primary Cilium as a Strain Amplifying Microdomain for Mechanotransduction at the Cell Membrane. , 2016, , 3-27.		1
203	Endothelial primary cilia inhibit atherosclerosis. EMBO Reports, 2016, 17, 156-166.	2.0	78
204	Calcium channels in primary cilia. Current Opinion in Nephrology and Hypertension, 2016, 25, 452-458.	1.0	35
205	Role of renal TRP channels in physiology and pathology. Seminars in Immunopathology, 2016, 38, 371-383.	2.8	36
206	An unexpected journey: conceptual evolution of mechanoregulated potassium transport in the distal nephron. American Journal of Physiology - Cell Physiology, 2016, 310, C243-C259.	2.1	39
207	Fluid shear stress increases transepithelial transport of Ca ²⁺ in ciliated distal convoluted and connecting tubule cells. FASEB Journal, 2017, 31, 1796-1806.	0.2	17
208	Primary Cilia in Cystic Kidney Disease. Results and Problems in Cell Differentiation, 2017, 60, 281-321.	0.2	21
209	The regulatory β subunit of protein kinase A modulates renal cystogenesis. American Journal of Physiology - Renal Physiology, 2017, 313, F677-F686.	1.3	25
210	Routes and machinery of primary cilium biogenesis. Cellular and Molecular Life Sciences, 2017, 74, 4077-4095.	2.4	56
211	The mechanosensitive BK β 1 channel localizes to cilia of principal cells in rabbit cortical collecting duct (CCD). American Journal of Physiology - Renal Physiology, 2017, 312, F143-F156.	1.3	19
212	The native TRPP2-dependent channel of murine renal primary cilia. American Journal of Physiology - Renal Physiology, 2017, 312, F96-F108.	1.3	62
213	Identification of Elongated Primary Cilia with Impaired Mechanotransduction in Idiopathic Scoliosis Patients. Scientific Reports, 2017, 7, 44260.	1.6	44
214	CILIA: before and after. Cilia, 2017, 6, 1.	1.8	66
215	Biophysics and biofluid dynamics of primary cilia: evidence for and against the flow-sensing function. American Journal of Physiology - Renal Physiology, 2017, 313, F706-F720.	1.3	13
216	Primary cilia: Cell and molecular mechanosensors directing whole tissue function. Seminars in Cell and Developmental Biology, 2017, 71, 42-52.	2.3	78
217	Lengthening primary cilia enhances cellular mechanosensitivity. , 2017, 33, 158-168.		74

#	ARTICLE	IF	CITATIONS
218	Mechanotransduction in Blood and Lymphatic Vascular Development and Disease. <i>Advances in Pharmacology</i> , 2018, 81, 155-208.	1.2	10
219	Resveratrol protects primary cilia integrity of human mesenchymal stem cells from cigarette smoke to improve osteogenic differentiation in vitro. <i>Archives of Toxicology</i> , 2018, 92, 1525-1538.	1.9	27
220	Calcium ²⁺ axonemal microtubuli interactions underlie mechanism(s) of primary cilia morphological changes. <i>Journal of Biological Physics</i> , 2018, 44, 53-80.	0.7	3
222	Sensing Fluid-Shear Stress in the Endothelial System with a Special Emphasis on the Primary Cilium. , 2018, , .		0
223	The Roles of Primary Cilia in Cardiovascular Diseases. <i>Cells</i> , 2018, 7, 233.	1.8	41
224	Combined Fluid Shear Stress and Melatonin Enhances the ERK/Akt/mTOR Signal in Cilia-Less MC3T3-E1 Preosteoblast Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2929.	1.8	9
226	Reassessing endothelial-to-mesenchymal transition in cardiovascular diseases. <i>Nature Reviews Cardiology</i> , 2018, 15, 445-456.	6.1	179
227	The cilium as a force sensor [?] myth versus reality. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	63
228	Neutrophil gelatinase-associated lipocalin (NGAL) is localised to the primary cilium in renal tubular epithelial cells - A novel source of urinary biomarkers of renal injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 165532.	1.8	9
229	Ciliary exclusion of Polycystin-2 promotes kidney cystogenesis in an autosomal dominant polycystic kidney disease model. <i>Nature Communications</i> , 2019, 10, 4072.	5.8	40
230	Expression and distribution of PIEZO1 in the mouse urinary tract. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F303-F321.	1.3	83
231	Measurement of cytoplasmic and cilioplasmic calcium in a single living cell. <i>Methods in Cell Biology</i> , 2019, 153, 25-42.	0.5	1
232	Airway Pressure Gradient May Decrease the Beating Amplitude of Cilia. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	4
233	Chloroquine inhibits human retina pigmented epithelial cell growth and microtubule nucleation by downregulating p150 ^{glued} . <i>Journal of Cellular Physiology</i> , 2019, 234, 10445-10457.	2.0	8
234	Primary cilia and autophagy interaction is involved in mechanical stress mediated cartilage development via ERK/mTOR axis. <i>Life Sciences</i> , 2019, 218, 308-313.	2.0	22
235	Sending mixed signals: Cilia-dependent signaling during development and disease. <i>Developmental Biology</i> , 2019, 447, 28-41.	0.9	64
236	Primary cilia respond to intermittent low-magnitude, high-frequency vibration and mediate vibration-induced effects in osteoblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C73-C82.	2.1	10
237	Pkd1-targeted mutation reveals a role for the Wolffian duct in autosomal dominant polycystic kidney disease. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 78-85.	0.7	2

#	ARTICLE	IF	CITATIONS
238	Numerical study on the dynamics of primary cilium in pulsatile flows by the immersed boundary-lattice Boltzmann method. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 21-35.	1.4	4
239	Intraflagellar transport 20: New target for the treatment of ciliopathies. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118641.	1.9	4
240	Aldosterone controls primary cilium length and cell size in renal collecting duct principal cells. <i>FASEB Journal</i> , 2020, 34, 2625-2640.	0.2	8
241	Non-ciliary Roles of IFT Proteins in Cell Division and Polycystic Kidney Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 578239.	1.8	8
242	The emerging role of tubulin posttranslational modifications in cilia and ciliopathies. <i>Biophysics Reports</i> , 2020, 6, 89-104.	0.2	16
243	Pharmacological Regulation of Primary Cilium Formation Affects the Mechanosensitivity of Osteocytes. <i>Calcified Tissue International</i> , 2020, 107, 625-635.	1.5	9
244	Compressive Stimulation Enhances Ovarian Cancer Proliferation, Invasion, Chemoresistance, and Mechanotransduction via CDC42 in a 3D Bioreactor. <i>Cancers</i> , 2020, 12, 1521.	1.7	35
245	Proteomic Identification Reveals the Role of Ciliary Extracellular-Like Vesicle in Cardiovascular Function. <i>Advanced Science</i> , 2020, 7, 1903140.	5.6	13
246	MKS-NPHP module proteins control ciliary shedding at the transition zone. <i>PLoS Biology</i> , 2020, 18, e3000640.	2.6	29
247	Sensing of tubular flow and renal electrolyte transport. <i>Nature Reviews Nephrology</i> , 2020, 16, 337-351.	4.1	41
248	Primary cilia act as microgravity sensors by depolymerizing microtubules to inhibit osteoblastic differentiation and mineralization. <i>Bone</i> , 2020, 136, 115346.	1.4	24
249	ARL3, a small GTPase with a functionally conserved role in primary cilia and immune synapses. <i>Small GTPases</i> , 2021, 12, 167-176.	0.7	10
250	Simulating the Dynamics of Primary Cilium in Pulsatile Flow by the Immersed Boundary-Lattice Boltzmann Method. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 1-7.	0.3	0
251	Primary cilium: a paradigm for integrating mathematical modeling with experiments and numerical simulations in mechanobiology. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 1215-1237.	1.0	3
252	Primary Cilia in the Skin: Functions in Immunity and Therapeutic Potential. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 621318.	1.8	11
253	Intraflagellar Transport Proteins as Regulators of Primary Cilia Length. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 661350.	1.8	29
257	Aberrant Cellular Pathways in PKD. , 2018, , 69-86.		1
258	Single-Molecule Force Spectroscopy of Polycystic Kidney Disease Proteins. <i>Methods in Molecular Biology</i> , 2012, 875, 297-310.	0.4	1

#	ARTICLE	IF	CITATIONS
260	Primary Cilia are Mechanosensory Organelles in Vestibular Tissues. , 2010, , 317-350.		4
261	Primary and Motile Cilia: Their Ultrastructure and Ciliogenesis. , 2013, , 1-53.		8
262	Physiology of Cholangiocytes. , 2006, , 1505-1533.		4
263	Designer substrates and devices for mechanobiology study. Journal of Semiconductors, 2020, 41, 041607.	2.0	2
264	Renal Autocrine and Paracrine Signaling: A Story of Self-protection. Physiological Reviews, 2020, 100, 1229-1289.	13.1	20
265	TRP Channel Functioning in Mating and Fertilization. Frontiers in Neuroscience, 2006, , 257-270.	0.0	1
266	Mechanosensing by the Primary Cilium: Deletion of Kif3A Reduces Bone Formation Due to Loading. PLoS ONE, 2012, 7, e33368.	1.1	106
267	Micropatterning Co-cultures of Epithelial Cells on Filter Insert Substrates. Journal of Epithelial Biology & Pharmacology, 2012, 5, 77-85.	1.2	11
268	Mechanical stimulation of primary cilia. Frontiers in Bioscience - Landmark, 2008, 13, 1665.	3.0	23
269	PKHD1 Gene Silencing May Cause Cell Abnormal Proliferation through Modulation of Intracellular Calcium in Autosomal Recessive Polycystic Kidney Disease. BMB Reports, 2007, 40, 467-474.	1.1	25
270	Hydrogen sulfide, a gaseous signaling molecule, elongates primary cilia on kidney tubular epithelial cells by activating extracellular signal-regulated kinase. Korean Journal of Physiology and Pharmacology, 2021, 25, 593-601.	0.6	1
271	Activation Mechanisms and Functional Roles of TRPP2 Cation Channels. Frontiers in Neuroscience, 2006, , 189-202.	0.0	2
272	Mechano- and Chemo-Sensory Polycystins. Springer Series in Biophysics, 2008, , 161-174.	0.4	0
273	Autosomal Dominant Polycystic Kidney Disease and Inherited Cystic Diseases. , 2008, , 2283-2313.		0
274	Cholangiocyte Cilia and Basal Bodies. , 2010, , 45-70.		0
275	Malattia renale policistica autosomica dominante. Nuovi approcci terapeutici "Ottimisti per diritto". Giornale Di Clinica Nefrologica E Dialisi, 2010, 22, 48-54.	0.0	0
276	Cilia and Polycystic Kidney Disease. , 2018, , 87-110.		0
278	Pulsatile flow through idealized renal tubules: Fluid-structure interaction and dynamic pathologies. Mathematical Biosciences and Engineering, 2020, 17, 1787-1807.	1.0	3

#	ARTICLE	IF	CITATIONS
279	Nephronophthisis-Pathobiology and Molecular Pathogenesis of a Rare Kidney Genetic Disease. <i>Genes</i> , 2021, 12, 1762.	1.0	9
282	The molecular basis of bone mechanotransduction. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2016, 16, 221-36.	0.1	55
283	Mechanical Properties of Isolated Primary Cilia Measured by Micro-tensile Test and Atomic Force Microscopy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 753805.	2.0	0
284	Ciliary IFT88 Protects Coordinated Adolescent Growth Plate Ossification From Disruptive Physiological Mechanical Forces. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1081-1096.	3.1	6
285	A change of heart: new roles for cilia in cardiac development and disease. <i>Nature Reviews Cardiology</i> , 2022, 19, 211-227.	6.1	22
286	A three-dimensional simulation of the dynamics of primary cilia in an oscillating flow. <i>Applied Mathematical Modelling</i> , 2022, 108, 825-839.	2.2	5
287	Ttc21b deficiency attenuates autosomal dominant polycystic kidney disease in a kidney tubular- and maturation-dependent manner. <i>Kidney International</i> , 2022, 102, 577-591.	2.6	9
288	Chondrocyte-specific response to stiffness-mediated primary cilia formation and centriole positioning. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C236-C247.	2.1	7
289	Primary cilia in satellite cells are the mechanical sensors for muscle hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	6
290	Subtype-Selective Positive Modulation of $K_{Ca}^{2.3}$ Channels Increases Cilia Length. <i>ACS Chemical Biology</i> , 2022, 17, 2344-2354.	1.6	3
291	SCF-SKP2 E3 ubiquitin ligase links mTORC1/ER stress/ISR with YAP activation in murine renal cystogenesis. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	2
292	Oligodendroglial primary cilium heterogeneity during development and demyelination/remyelination. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	1
293	Ciliary mechanosensation – roles of polycystins and mastigonemes. <i>Journal of Cell Science</i> , 2023, 136, .	1.2	4
294	Fluid–structure interaction and flow sensing of primary cilia in oscillating fluid flows. <i>Physics of Fluids</i> , 2023, 35, 031905.	1.6	0
295	Ciliopathies: Their Role in Pediatric Kidney Disease. , 2023, , 289-315.		0
300	Mechanobiology of osteoblast. , 2024, , 125-149.		1