

# Nicolas F Berbari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8552009/publications.pdf>

Version: 2024-02-01

32  
papers

2,506  
citations

471509

17  
h-index

434195

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2683  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Primary Cilium as a Complex Signaling Center. <i>Current Biology</i> , 2009, 19, R526-R535.	3.9	552
2	Bardet-Biedl syndrome proteins are required for the localization of G protein-coupled receptors to primary cilia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4242-4246.	7.1	417
3	Identification of Ciliary Localization Sequences within the Third Intracellular Loop of G Protein-coupled Receptors. <i>Molecular Biology of the Cell</i> , 2008, 19, 1540-1547.	2.1	322
4	Type III adenylyl cyclase localizes to primary cilia throughout the adult mouse brain. <i>Journal of Comparative Neurology</i> , 2007, 505, 562-571.	1.6	298
5	Hippocampal neurons possess primary cilia in culture. <i>Journal of Neuroscience Research</i> , 2007, 85, 1095-1100.	2.9	97
6	Cilia and Obesity. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a028217.	5.5	84
7	Leptin resistance is a secondary consequence of the obesity in ciliopathy mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7796-7801.	7.1	82
8	Primary cilia enhance kisspeptin receptor signaling on gonadotropin-releasing hormone neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10335-10340.	7.1	81
9	An inducible CiliaGFP mouse model for in vivo visualization and analysis of cilia in live tissue. <i>Cilia</i> , 2013, 2, 8.	1.8	68
10	Mutations in Traf3ip1 reveal defects in ciliogenesis, embryonic development, and altered cell size regulation. <i>Developmental Biology</i> , 2011, 360, 66-76.	2.0	59
11	Hippocampal and Cortical Primary Cilia Are Required for Aversive Memory in Mice. <i>PLoS ONE</i> , 2014, 9, e106576.	2.5	58
12	Coiled-coil domain containing 42 ( Ccdc 42) is necessary for proper sperm development and male fertility in the mouse. <i>Developmental Biology</i> , 2016, 412, 208-218.	2.0	54
13	Proximal Tubule Proliferation Is Insufficient to Induce Rapid Cyst Formation after Cilia Disruption. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 456-464.	6.1	44
14	Cilia signaling and obesity. <i>Seminars in Cell and Developmental Biology</i> , 2021, 110, 43-50.	5.0	42
15	Ciliary gene RCGRIP1L is required for hypothalamic arcuate neuron development. <i>JCI Insight</i> , 2019, 4, .	5.0	34
16	Mutation of Growth Arrest Specific 8 Reveals a Role in Motile Cilia Function and Human Disease. <i>PLoS Genetics</i> , 2016, 12, e1006220.	3.5	33
17	Trafficking of ciliary G protein-coupled receptors. <i>Methods in Cell Biology</i> , 2016, 132, 35-54.	1.1	27
18	Actin at stereocilia tips is regulated by mechanotransduction and ADF/cofilin. <i>Current Biology</i> , 2021, 31, 1141-1153.e7.	3.9	23

#	ARTICLE	IF	CITATIONS
19	Mks6 mutations reveal tissue- and cell type-specific roles for the cilia transition zone. FASEB Journal, 2019, 33, 1440-1455.	0.5	19
20	A CreER mouse to study melanin concentrating hormone signaling in the developing brain. Genesis, 2018, 56, e23217.	1.6	18
21	Hedgehog Pathway Activation Alters Ciliary Signaling in Primary Hypothalamic Cultures. Frontiers in Cellular Neuroscience, 2019, 13, 266.	3.7	17
22	MicroRNA-31 is required for astrocyte specification. Glia, 2018, 66, 987-998.	4.9	15
23	Methods for Visualization of Neuronal Cilia. Methods in Molecular Biology, 2016, 1454, 203-214.	0.9	13
24	Defective INPP5E distribution in NPHP1-related Senior-Loken syndrome. Molecular Genetics & Genomic Medicine, 2021, 9, e1566.	1.2	12
25	A mouse model of BBS identifies developmental and homeostatic effects of BBS5 mutation and identifies novel pituitary abnormalities. Human Molecular Genetics, 2021, 30, 234-246.	2.9	10
26	Artificial Intelligence Approaches to Assessing Primary Cilia. Journal of Visualized Experiments, 2021, , .	0.3	5
27	An N-terminal fusion allele to study melanin concentrating hormone receptor 1. Genesis, 2021, 59, e23438.	1.6	5
28	The Hedgehog Signaling Pathway is Expressed in the Adult Mouse Hypothalamus and Modulated by Fasting. ENeuro, 2021, 8, ENEURO.0276-21.2021.	1.9	5
29	Distribution of prototypical primary cilia markers in subtypes of retinal ganglion cells. Journal of Comparative Neurology, 2022, 530, 2176-2187.	1.6	4
30	Using a Student-Generated Mock Magazine Issue To Improve Students' Awareness of Diverse Scientists <sup>/>. Journal of Microbiology and Biology Education, 2020, 21, .	1.0	3
31	A transgenic <scp>Alx4-CreER</scp> mouse to analyze anterior limb and nephric duct development. Developmental Dynamics, 2022, 251, 1524-1534.	1.8	2
32	Functional studies of TRPV4 in Choroid Plexus Epithelial Cells. FASEB Journal, 2019, 33, 708.3.	0.5	0