

Nicolas F Berbari

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,506
citations

471061

17
h-index

433756

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.	1.8	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.	3.3	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.	0.9	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.	0.9	298
5	Hippocampal neurons possess primary cilia in culture. <i>Journal of Neuroscience Research</i> , 2007, 85, 1095-1100.	1.3	97
6	Cilia and Obesity. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a028217.	2.3	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.	3.3	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.	3.3	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 <i>Traf3ip1</i> reveal defects in ciliogenesis, embryonic development, and altered cell size regulation. <i>Developmental Biology</i> , 2011, 360, 66-76.	0.9	59
11	Hippocampal and Cortical Primary Cilia Are Required for Aversive Memory in Mice. <i>PLoS ONE</i> , 2014, 9, e106576.	1.1	58
12	Coiled-coil domain containing 42 (<i>Ccdc 42</i>) is necessary for proper sperm development and male fertility in the mouse. <i>Developmental Biology</i> , 2016, 412, 208-218.	0.9	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.	3.0	44
14	Cilia signaling and obesity. <i>Seminars in Cell and Developmental Biology</i> , 2021, 110, 43-50.	2.3	42
15	Ciliary gene <i>RPGRI1L</i> is required for hypothalamic arcuate neuron development. <i>JCI Insight</i> , 2019, 4, .	2.3	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.	1.5	33
17	Trafficking of ciliary G-protein-coupled receptors. <i>Methods in Cell Biology</i> , 2016, 132, 35-54.	0.5	27
18	Actin at stereocilia tips is regulated by mechanotransduction and ADF/cofilin. <i>Current Biology</i> , 2021, 31, 1141-1153.e7.	1.8	23

#	ARTICLE	IF	CITATIONS
19	Mks6 mutations reveal tissue- and cell type-specific roles for the cilia transition zone. <i>FASEB Journal</i> , 2019, 33, 1440-1455.	0.2	19
20	A CreER mouse to study melanin concentrating hormone signaling in the developing brain. <i>Genesis</i> , 2018, 56, e23217.	0.8	18
21	Hedgehog Pathway Activation Alters Ciliary Signaling in Primary Hypothalamic Cultures. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 266.	1.8	17
22	MicroRNA-31 is required for astrocyte specification. <i>Glia</i> , 2018, 66, 987-998.	2.5	15
23	Methods for Visualization of Neuronal Cilia. <i>Methods in Molecular Biology</i> , 2016, 1454, 203-214.	0.4	13
24	Defective INPP5E distribution in NPHP1-related Senior-Loken syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1566.	0.6	12
25	A mouse model of BBS identifies developmental and homeostatic effects of BBS5 mutation and identifies novel pituitary abnormalities. <i>Human Molecular Genetics</i> , 2021, 30, 234-246.	1.4	10
26	Artificial Intelligence Approaches to Assessing Primary Cilia. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	5
27	An N-terminal fusion allele to study melanin concentrating hormone receptor 1. <i>Genesis</i> , 2021, 59, e23438.	0.8	5
28	The Hedgehog Signaling Pathway is Expressed in the Adult Mouse Hypothalamus and Modulated by Fasting. <i>ENeuro</i> , 2021, 8, ENEURO.0276-21.2021.	0.9	5
29	Distribution of prototypical primary cilia markers in subtypes of retinal ganglion cells. <i>Journal of Comparative Neurology</i> , 2022, 530, 2176-2187.	0.9	4
30	Using a Student-Generated Mock Magazine Issue To Improve Students' Awareness of Diverse Scientists <sup>/>. <i>Journal of Microbiology and Biology Education</i> , 2020, 21, .	0.5	3
31	A transgenic <sc>Alx4-CreER</sc> mouse to analyze anterior limb and nephric duct development. <i>Developmental Dynamics</i> , 2022, 251, 1524-1534.	0.8	2
32	Functional studies of TRPV4 in Choroid Plexus Epithelial Cells. <i>FASEB Journal</i> , 2019, 33, 708.3.	0.2	0