

# Nikolai Klena

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

989  
citations

11  
h-index

20  
g-index

20  
ext. papers

1,308  
ext. citations

21  
avg, IF

3.28  
L-index

#	Paper	IF	Citations
17	Global genetic analysis in mice unveils central role for cilia in congenital heart disease. <i>Nature</i> , <b>2015</b> , 521, 520-4	50.4	256
16	DYX1C1 is required for axonemal dynein assembly and ciliary motility. <i>Nature Genetics</i> , <b>2013</b> , 45, 995-1003	36.3	197
15	CCDC151 mutations cause primary ciliary dyskinesia by disruption of the outer dynein arm docking complex formation. <i>American Journal of Human Genetics</i> , <b>2014</b> , 95, 257-74	11	113
14	The complex genetics of hypoplastic left heart syndrome. <i>Nature Genetics</i> , <b>2017</b> , 49, 1152-1159	36.3	107
13	Discovery of four recessive developmental disorders using probabilistic genotype and phenotype matching among 4,125 families. <i>Nature Genetics</i> , <b>2015</b> , 47, 1363-9	36.3	91
12	A helical inner scaffold provides a structural basis for centriole cohesion. <i>Science Advances</i> , <b>2020</b> , 6, eaaz4137	41.37	54
11	MMP21 is mutated in human heterotaxy and is required for normal left-right asymmetry in vertebrates. <i>Nature Genetics</i> , <b>2015</b> , 47, 1260-3	36.3	52
10	Genetic link between renal birth defects and congenital heart disease. <i>Nature Communications</i> , <b>2016</b> , 7, 11103	17.4	32
9	Architecture of the centriole cartwheel-containing region revealed by cryo-electron tomography. <i>EMBO Journal</i> , <b>2020</b> , 39, e106246	13	22
8	Role of cilia in structural birth defects: insights from ciliopathy mutant mouse models. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , <b>2014</b> , 102, 115-25		21
7	Overview of the centriole architecture. <i>Current Opinion in Structural Biology</i> , <b>2021</b> , 66, 58-65	8.1	19
6	Kinesin-1 activity recorded in living cells with a precipitating dye. <i>Nature Communications</i> , <b>2021</b> , 12, 146317.4	17.4	6
5	Visualizing the native cellular organization by coupling cryofixation with expansion microscopy (Cryo-ExM).. <i>Nature Methods</i> , <b>2022</b> ,	21.6	5
4	Biliary-Atresia-Associated Mannosidase-1-Alpha-2 Gene Regulates Biliary and Ciliary Morphogenesis and Laterality. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 538701	4.6	4
3	Isolation and Fluorescence Imaging for Single-particle Reconstruction of Chlamydomonas Centrioles. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	4
2	In situ architecture of the ciliary base reveals the stepwise assembly of IFT trains		2
1	Role of Cilia and Left-Right Patterning in Congenital Heart Disease <b>2016</b> , 67-79		2

