

# Carl A Nist-Lund

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2502239/publications.pdf>

Version: 2024-02-01

13  
papers

838  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1065  
citing authors

#	ARTICLE	IF	CITATIONS
1	pH regulates potassium conductance and drives a constitutive proton current in human TMEM175. <i>Science Advances</i> , 2022, 8, eabm1568.	10.3	22
2	Advancements in inner ear development, regeneration, and repair through otic organoids. <i>Current Opinion in Genetics and Development</i> , 2022, 76, 101954.	3.3	8
3	Single and Dual Vector Gene Therapy with AAV9-PHP.B Rescues Hearing in Tmc1 Mutant Mice. <i>Molecular Therapy</i> , 2021, 29, 973-988.	8.2	36
4	Dual-vector gene therapy restores cochlear amplification and auditory sensitivity in a mouse model of DFNB16 hearing loss. <i>Science Advances</i> , 2021, 7, eabi7629.	10.3	24
5	Direct Delivery of Antisense Oligonucleotides to the Middle and Inner Ear Improves Hearing and Balance in Usher Mice. <i>Molecular Therapy</i> , 2020, 28, 2662-2676.	8.2	27
6	Efficient viral transduction in mouse inner ear hair cells with utricle injection and AAV9-PHP.B. <i>Hearing Research</i> , 2020, 394, 107882.	2.0	55
7	Allele-specific gene editing prevents deafness in a model of dominant progressive hearing loss. <i>Nature Medicine</i> , 2019, 25, 1123-1130.	30.7	149
8	Improved TMC1 gene therapy restores hearing and balance in mice with genetic inner ear disorders. <i>Nature Communications</i> , 2019, 10, 236.	12.8	104
9	Transgenic Tmc2 expression preserves inner ear hair cells and vestibular function in mice lacking Tmc1. <i>Scientific Reports</i> , 2018, 8, 12124.	3.3	17
10	TMC1 Forms the Pore of Mechanosensory Transduction Channels in Vertebrate Inner Ear Hair Cells. <i>Neuron</i> , 2018, 99, 736-753.e6.	8.1	250
11	A fluorinated dialkoxide-based magnesium-ion electrolyte. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7801-7805.	10.3	16
12	Improving halide-containing magnesium-ion electrolyte performance via sterically hindered alkoxide ligands. <i>Journal of Power Sources</i> , 2017, 362, 308-314.	7.8	4
13	A Fluorinated Alkoxyaluminate Electrolyte for Magnesium-Ion Batteries. <i>ACS Energy Letters</i> , 2016, 1, 1227-1232.	17.4	119