

# Romain Caplette

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6199544/publications.pdf>

Version: 2024-02-01

12  
papers

573  
citations

1478505

6  
h-index

1872680

6  
g-index

13  
all docs

13  
docs citations

13  
times ranked

631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting Channelrhodopsin-2 to ON-bipolar Cells With Vitreally Administered AAV Restores ON and OFF Visual Responses in Blind Mice. <i>Molecular Therapy</i> , 2015, 23, 7-16.	8.2	166
2	Red-shifted channelrhodopsin stimulation restores light responses in blind mice, macaque retina, and human retina. <i>EMBO Molecular Medicine</i> , 2016, 8, 1248-1264.	6.9	139
3	A New Promoter Allows Optogenetic Vision Restoration with Enhanced Sensitivity in Macaque Retina. <i>Molecular Therapy</i> , 2017, 25, 2546-2560.	8.2	131
4	Optogenetic therapy: high spatiotemporal resolution and pattern discrimination compatible with vision restoration in non-human primates. <i>Communications Biology</i> , 2021, 4, 125.	4.4	65
5	Multiplexed computations in retinal ganglion cells of a single type. <i>Nature Communications</i> , 2017, 8, 1964.	12.8	47
6	Towards optogenetic vision restoration with high resolution. <i>PLoS Computational Biology</i> , 2020, 16, e1007857.	3.2	20
7	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
8	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
9	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
10	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
11	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
12	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0