

# Dinu F Albeanu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1353398/publications.pdf>

Version: 2024-02-01

16  
papers

1,809  
citations

687363

13  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision and diversity in an odor map on the olfactory bulb. <i>Nature Neuroscience</i> , 2009, 12, 210-220.	14.8	290
2	High-Throughput Mapping of Single-Neuron Projections by Sequencing of Barcoded RNA. <i>Neuron</i> , 2016, 91, 975-987.	8.1	272
3	Coupling of Neural Activity to Blood Flow in Olfactory Glomeruli Is Mediated by Astrocytic Pathways. <i>Neuron</i> , 2008, 58, 897-910.	8.1	220
4	Non-redundant odor coding by sister mitral cells revealed by light addressable glomeruli in the mouse. <i>Nature Neuroscience</i> , 2010, 13, 1404-1412.	14.8	214
5	Cortical Feedback Decorrelates Olfactory Bulb Output in Awake Mice. <i>Neuron</i> , 2015, 86, 1461-1477.	8.1	148
6	An Interglomerular Circuit Gates Glomerular Output and Implements Gain Control in the Mouse Olfactory Bulb. <i>Neuron</i> , 2015, 87, 193-207.	8.1	145
7	Synaptic vesicle recycling studied in transgenic mice expressing synaptopHluorin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6131-6136.	7.1	144
8	Central Amygdala Somatostatin Neurons Gate Passive and Active Defensive Behaviors. <i>Journal of Neuroscience</i> , 2016, 36, 6488-6496.	3.6	138
9	LED Arrays as Cost Effective and Efficient Light Sources for Widefield Microscopy. <i>PLoS ONE</i> , 2008, 3, e2146.	2.5	66
10	Olfactory bulb coding of odors, mixtures and sniffs is a linear sum of odor time profiles. <i>Nature Neuroscience</i> , 2015, 18, 272-281.	14.8	55
11	Olfactory marker protein (OMP) regulates formation and refinement of the olfactory glomerular map. <i>Nature Communications</i> , 2018, 9, 5073.	12.8	36
12	Mosaic representations of odors in the input and output layers of the mouse olfactory bulb. <i>Nature Neuroscience</i> , 2019, 22, 1306-1317.	14.8	30
13	Illuminating Vertebrate Olfactory Processing. <i>Journal of Neuroscience</i> , 2012, 32, 14102-14108a.	3.6	25
14	Optimized in situ construction of oligomers on an array surface. <i>Nucleic Acids Research</i> , 2002, 30, 107e-107.	14.5	13
15	Patterned Photostimulation in the Brain. <i>Biological and Medical Physics Series</i> , 2015, , 235-270.	0.4	2
16	Mapping odorant receptors to their glomeruli. <i>Nature Neuroscience</i> , 2022, 25, 405-407.	14.8	0