

# Aarti Nagayach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3967838/publications.pdf>

Version: 2024-02-01

12  
papers

229  
citations

1684188

5  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

347  
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytic and microglial response in experimentally induced diabetic rat brain. <i>Metabolic Brain Disease</i> , 2014, 29, 747-761.	2.9	94
2	Experimentally induced diabetes causes glial activation, glutamate toxicity and cellular damage leading to changes in motor function. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 355.	3.7	76
3	Iba1 expressing microglia in the dorsal root ganglia become activated following peripheral nerve injury in rats. <i>Indian Journal of Experimental Biology</i> , 2010, 48, 110-6.	0.0	21
4	An identified ensemble within a neocortical circuit encodes essential information for genetically enhanced visual shape learning. <i>Hippocampus</i> , 2019, 29, 710-725.	1.9	9
5	A high fat, sugar, and salt Western diet induces motor and sensory dysfunctions and neurodegeneration in mice during aging: Ameliorative action of metformin. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1458-1471.	3.9	7
6	Delivery of different genes into presynaptic and postsynaptic neocortical neurons connected by a BDNF-TrkB synapse. <i>Brain Research</i> , 2019, 1712, 16-24.	2.2	5
7	Delivery of different genes into pre- and post-synaptic neocortical interneurons connected by GABAergic synapses. <i>PLoS ONE</i> , 2019, 14, e0217094.	2.5	4
8	General Physiology and Pathophysiology of Microglia During Neuroinflammation. , 2016, , 17-42.		3
9	Microglia in the Physiology and Pathology of Brain. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2016, 86, 781-794.	1.0	3
10	Efficient gene transfers into neocortical neurons connected by NMDA NR1-containing synapses. <i>Journal of Neuroscience Methods</i> , 2019, 327, 108390.	2.5	3
11	Separate Gene Transfers into Pre- and Postsynaptic Neocortical Neurons Connected by mGluR5-Containing Synapses. <i>Journal of Molecular Neuroscience</i> , 2019, 68, 549-564.	2.3	3
12	Connected neurons in multiple neocortical areas, comprising parallel circuits, encode essential information for visual shape learning. <i>Journal of Chemical Neuroanatomy</i> , 2021, 118, 102024.	2.1	1