

# Rishikesh Kumar Gupta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2494912/publications.pdf>

Version: 2024-02-01

10  
papers

148  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Metabotropic Glutamate Receptors (mGluRs) in the Regulation of Cellular Calcium Signaling: Theory, Protocols, and Data Analysis. <i>Neuromethods</i> , 2021, , 81-115.	0.3	2
2	FDA approved L-type channel blocker Nifedipine reduces cell death in hypoxic A549 cells through modulation of mitochondrial calcium and superoxide generation. <i>Free Radical Biology and Medicine</i> , 2021, 177, 189-200.	2.9	6
3	Biological and Medical Importance of Cellular Heterogeneity Deciphered by Single-Cell RNA Sequencing. <i>Cells</i> , 2020, 9, 1751.	4.1	31
4	Molecular Assessment of Epiretinal Membrane: Activated Microglia, Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2020, 9, 654.	5.1	15
5	GPCR mediated control of calcium dynamics: A systems perspective. <i>Cellular Signalling</i> , 2020, 74, 109717.	3.6	29
6	Knockout of <i>stim2a</i> Increases Calcium Oscillations in Neurons and Induces Hyperactive-Like Phenotype in Zebrafish Larvae. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6198.	4.1	7
7	<i>stim2b</i> Knockout Induces Hyperactivity and Susceptibility to Seizures in Zebrafish Larvae. <i>Cells</i> , 2020, 9, 1285.	4.1	11
8	Identification of Zebrafish Calcium Toolkit Genes and their Expression in the Brain. <i>Genes</i> , 2019, 10, 230.	2.4	11
9	Confocal Imaging and <i>k</i> -Means Clustering of GABA <sub>B</sub> and mGluR Mediated Modulation of Ca <sup>2+</sup> Spiking in Hippocampal Neurons. <i>ACS Chemical Neuroscience</i> , 2018, 9, 3094-3107.	3.5	22
10	Comparison of Calcium Dynamics and Specific Features for G Protein-Coupled Receptor-Targeting Drugs Using Live Cell Imaging and Automated Analysis. <i>SLAS Discovery</i> , 2017, 22, 848-858.	2.7	14