

# Sangeeta Nath

## List of Publications by Year in descending order

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23  
papers

1,004  
citations

623188

14  
h-index

752256

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spreading of Neurodegenerative Pathology via Neuron-to-Neuron Transmission of $\beta$ -Amyloid. Journal of Neuroscience, 2012, 32, 8767-8777.	1.7	219
2	Early Aggregation Steps in $\beta$ -Synuclein as Measured by FCS and FRET: Evidence for a Contagious Conformational Change. Biophysical Journal, 2010, 98, 1302-1311.	0.2	139
3	Spreading of amyloid- $\beta$ peptides via neuritic cell-to-cell transfer is dependent on insufficient cellular clearance. Neurobiology of Disease, 2014, 65, 82-92.	2.1	135
4	Raised calcium promotes $\beta$ -synuclein aggregate formation. Molecular and Cellular Neurosciences, 2011, 46, 516-526.	1.0	116
5	Protective properties of lysozyme on $\beta$ -amyloid pathology: implications for Alzheimer disease. Neurobiology of Disease, 2015, 83, 122-133.	2.1	58
6	Raised calcium and oxidative stress cooperatively promote alpha-synuclein aggregate formation. Neurochemistry International, 2013, 62, 703-711.	1.9	52
7	Impact of high cholesterol in a Parkinson's disease model: Prevention of lysosomal leakage versus stimulation of $\beta$ -synuclein aggregation. European Journal of Cell Biology, 2017, 96, 99-109.	1.6	46
8	Dynamic actin-mediated nano-scale clustering of CD44 regulates its meso-scale organization at the plasma membrane. Molecular Biology of the Cell, 2020, 31, 561-579.	0.9	38
9	Formin nanoclustering-mediated actin assembly during plant flagellin and DSF signaling. Cell Reports, 2021, 34, 108884.	2.9	25
10	Proteasome inhibition induces stress kinase dependent transport deficits " Implications for Alzheimer's disease. Molecular and Cellular Neurosciences, 2014, 58, 29-39.	1.0	23
11	The bacterial quorum sensing signal DSF hijacks <i>Arabidopsis thaliana</i> sterol biosynthesis to suppress plant innate immunity. Life Science Alliance, 2020, 3, e202000720.	1.3	23
12	Neuron-to-Neuron Transmission of Neurodegenerative Pathology. Neuroscientist, 2013, 19, 560-566.	2.6	22
13	Enzymatic investigation of the <i>Staphylococcus aureus</i> type I signal peptidase SpsB " implications for the search for novel antibiotics. FEBS Journal, 2009, 276, 3222-3234.	2.2	21
14	Amyloid- $\beta$ induced membrane damage instigates tunneling nanotube-like conduits by p21-activated kinase dependent actin remodeling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166246.	1.8	20
15	Extended application of gel-permeation chromatography by spin column. Analytical Biochemistry, 2003, 320, 199-206.	1.1	17
16	Beneficial effects of increased lysozyme levels in Alzheimer's disease modelled in <i>Drosophila melanogaster</i> . FEBS Journal, 2016, 283, 3508-3522.	2.2	15
17	Cell adhesion by aqueous extract of human placenta used as wound healer. Indian Journal of Experimental Biology, 2007, 45, 732-8.	0.5	13
18	Oxidative stress and Rho GTPases in the biogenesis of tunnelling nanotubes: implications in disease and therapy. Cellular and Molecular Life Sciences, 2022, 79, 1.	2.4	10

#	ARTICLE	IF	CITATIONS
19	P1-316: The role of lysozyme in Alzheimer's disease. , 2015, 11, P477-P478.		6
20	Fluorescence Correlation Spectroscopy to Determine the Diffusion Coefficient of $\hat{1}\pm$ -Synuclein and Follow Early Oligomer Formation. Methods in Molecular Biology, 2012, 895, 499-506.	0.4	3
21	Early Oligomer Formation of Alpha-Synuclein As Revealed by Fluorescence Correlation Spectroscopy. Biophysical Journal, 2010, 98, 653a.	0.2	1
22	P1-007: NEURON-TO-NEURON TRANSMISSION OF ALPHA-SYNUCLEIN. , 2014, 10, P306-P307.		0
23	Dynamic Actin Mediated Nanoclustering of Cd44 Regulates its Meso-Scale Organization at the Plasma Membrane. Biophysical Journal, 2019, 116, 206a-207a.	0.2	0