

# Surya M Nauli

## List of Publications by Year in descending order

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52  
papers

3,684  
citations

346980  
22  
h-index

214428  
50  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3462  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Brain Primary Cilia Length by MCH Signaling: Evidence from Pharmacological, Genetic, Optogenetic, and Chemogenic Manipulations. <i>Molecular Neurobiology</i> , 2022, 59, 245-265.	1.9	16
2	The use of advanced spectral imaging to reveal nanoparticle identity in the biological samples. <i>Nanoscale</i> , 2022, , .	2.8	1
3	Cilia proteins are biomarkers of altered flow in the vasculature. <i>JCI Insight</i> , 2022, 7, .	2.3	3
4	Interactions among Endothelial Nitric Oxide Synthase, Cardiovascular System, and Nociception during Physiological and Pathophysiological States. <i>Molecules</i> , 2022, 27, 2835.	1.7	7
5	Label-free spectral imaging to study drug distribution and metabolism in single living cells. <i>Scientific Reports</i> , 2021, 11, 2703.	1.6	4
6	Ciliary extracellular vesicles are distinct from the cytosolic extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12086.	5.5	16
7	Patterns of cilia gene dysregulations in major psychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 109, 110255.	2.5	19
8	Dynamic Changes of Brain Cilia Transcriptomes across the Human Lifespan. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10387.	1.8	7
9	Arrhythmogenic Hearts in PKD2 Mutant Mice Are Characterized by Cardiac Fibrosis, Systolic, and Diastolic Dysfunctions. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 772961.	1.1	2
10	Novel biomarkers of ciliary extracellular vesicles interact with ciliopathy and Alzheimer's associated proteins. <i>Communicative and Integrative Biology</i> , 2021, 14, 264-269.	0.6	7
11	Rapamycin treatment correlates changes in primary cilia expression with cell cycle regulation in epithelial cells. <i>Biochemical Pharmacology</i> , 2020, 178, 114056.	2.0	11
12	Proteomic Identification Reveals the Role of Ciliary Extracellular-Like Vesicle in Cardiovascular Function. <i>Advanced Science</i> , 2020, 7, 1903140.	5.6	13
13	Role of neuronal nitric oxide synthase on cardiovascular functions in physiological and pathophysiological states. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 102, 52-73.	1.2	43
14	&lt;p>&gt;Nanoparticle-Mediated Drug Delivery for the Treatment of Cardiovascular Diseases&lt;/p>&lt;/p>&lt;p>&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3741-3769.	3.3	89
15	Measurement of cytoplasmic and cilioplasmic calcium in a single living cell. <i>Methods in Cell Biology</i> , 2019, 153, 25-42.	0.5	1
16	Sensory primary cilium is a responsive cAMP microdomain in renal epithelia. <i>Scientific Reports</i> , 2019, 9, 6523.	1.6	30
17	Ciliotherapy: Remote Control of Primary Cilia Movement and Function by Magnetic Nanoparticles. <i>ACS Nano</i> , 2019, 13, 3555-3572.	7.3	22
18	Cholesterol may not have a special place in kidneys. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F1169-F1170.	1.3	1

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19	Personalized Nanotherapy by Specifically Targeting Cell Organelles To Improve Vascular Hypertension. Nano Letters, 2019, 19, 904-914.	4.5	20
20	Functionalized Silver Nanoparticles for Sensing, Molecular Imaging and Therapeutic Applications. Current Nanomedicine, 2019, 8, 234-250.	0.2	7
21	Functional probes for cardiovascular molecular imaging. Quantitative Imaging in Medicine and Surgery, 2018, 8, 838-852.	1.1	14
22	Alcohol consumption impairs the ependymal cilia motility in the brain ventricles. Scientific Reports, 2017, 7, 13652.	1.6	25
23	Vascular Endothelial Primary Cilia: Mechanosensation and Hypertension. Current Hypertension Reviews, 2016, 12, 57-67.	0.5	30
24	Regulation of Polycystin-1 Function by Calmodulin Binding. PLoS ONE, 2016, 11, e0161525.	1.1	17
25	Calcium channels in primary cilia. Current Opinion in Nephrology and Hypertension, 2016, 25, 452-458.	1.0	35
26	Live Imaging of the Ependymal Cilia in the Lateral Ventricles of the Mouse Brain. Journal of Visualized Experiments, 2015, , e52853.	0.2	5
27	Chemical-Free Technique to Study the Ultrastructure of Primary Cilium. Scientific Reports, 2015, 5, 15982.	1.6	9
28	Protein composition and movements of membrane swellings associated with primary cilia. Cellular and Molecular Life Sciences, 2015, 72, 2415-2429.	2.4	24
29	Roles of dopamine receptor on chemosensory and mechanosensory primary cilia in renal epithelial cells. Frontiers in Physiology, 2014, 5, 72.	1.3	42
30	Survivin-Induced Abnormal Ploidy Contributes to Cystic Kidney and Aneurysm Formation. Circulation, 2014, 129, 660-672.	1.6	48
31	Chylomicrons produced by Caco-2 cells contained ApoB-48 with diameter of 80-200Ånm. Physiological Reports, 2014, 2, e12018.	0.7	24
32	Cilioplasm is a cellular compartment for calcium signaling in response to mechanical and chemical stimuli. Cellular and Molecular Life Sciences, 2014, 71, 2165-2178.	2.4	113
33	L-type calcium channel modulates cystic kidney phenotype. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1518-1526.	1.8	31
34	Ciliotherapy: a novel intervention in polycystic kidney disease. Journal of Geriatric Cardiology, 2014, 11, 63-73.	0.2	23
35	Non-Motile Primary Cilia as Fluid Shear Stress Mechanosensors. Methods in Enzymology, 2013, 525, 1-20.	0.4	57
36	Primary cilia regulates the directional migration and barrier integrity of endothelial cells through the modulation of Hsp27 dependent actin cytoskeletal organization. Journal of Cellular Physiology, 2012, 227, 70-76.	2.0	58

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37	Mechanisms regulating cilia growth and cilia function in endothelial cells. Cellular and Molecular Life Sciences, 2012, 69, 165-173.	2.4	75
38	The Mechanosensory Role of Primary Cilia in Vascular Hypertension. International Journal of Vascular Medicine, 2011, 2011, 1-9.	0.4	34
39	Dopamine Receptor Type 5 in the Primary Cilia Has Dual Chemo- and Mechano-Sensory Roles. Hypertension, 2011, 58, 325-331.	1.3	76
40	A Comparative Study of Embedded and Anesthetized Zebrafish in vivo on Myocardial Calcium Oscillation and Heart Muscle Contraction. Frontiers in Pharmacology, 2010, 1, 139.	1.6	32
41	Hypertension in Autosomal Dominant Polycystic Kidney Disease: A Clinical and Basic Science Perspective. International Journal of Nephrology and Urology, 2010, 2, 294-308.	0.0	8
42	Ciliary Polycystin-2 Is a Mechanosensitive Calcium Channel Involved in Nitric Oxide Signaling Cascades. Circulation Research, 2009, 104, 860-869.	2.0	280
43	Differentiation of mechanical forces in perfused artery. FASEB Journal, 2009, 23, 949.3.	0.2	0
44	Endothelial Cilia Are Fluid Shear Sensors That Regulate Calcium Signaling and Nitric Oxide Production Through Polycystin-1. Circulation, 2008, 117, 1161-1171.	1.6	404
45	Endothelial cilia are mechanosensory organelles. FASEB Journal, 2008, 22, 1177.1.	0.2	2
46	Cystic lining epithelial cells from ADPKD kidneys have a mechano-ciliary dysfunction. FASEB Journal, 2006, 20, A339.	0.2	0
47	Molecular changes in nNOS protein expression within the ventrolateral medulla following transient focal ischemia affect cardiovascular functions. Brain Research, 2005, 1055, 73-82.	1.1	9
48	Polycystins 1 and 2 mediate mechanosensation in the primary cilium of kidney cells. Nature Genetics, 2003, 33, 129-137.	9.4	1,822
49	Cardiovascular responses and neurotransmission in the ventrolateral medulla during skeletal muscle contraction following transient middle cerebral artery occlusion and reperfusion. Brain Research, 2002, 952, 176-187.	1.1	15
50	Effects of opioid receptor activation on cardiovascular responses and extracellular monoamines within the rostral ventrolateral medulla during static contraction of skeletal muscle. Neuroscience Research, 2001, 41, 373-383.	1.0	13
51	Effects of nitric oxide and GABA interaction within ventrolateral medulla on cardiovascular responses during static muscle contraction. Brain Research, 2001, 922, 234-242.	1.1	25
52	Simultaneous glutamate and $\hat{3}$ -aminobutyric acid release within ventrolateral medulla during skeletal muscle contraction in intact and barodenervated rats. Brain Research, 2001, 923, 137-146.	1.1	15