

# Aarti Jagannath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8201991/publications.pdf>

Version: 2024-02-01

26  
papers

1,383  
citations

471061

17  
h-index

552369

26  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2529  
citing authors

#	ARTICLE	IF	CITATIONS
1	The CRTCL1-SIK1 Pathway Regulates Entrainment of the Circadian Clock. <i>Cell</i> , 2013, 154, 1100-1111.	13.5	175
2	Sleep and circadian rhythm disruption in neuropsychiatric illness. <i>Current Opinion in Neurobiology</i> , 2013, 23, 888-894.	2.0	170
3	The genetics of circadian rhythms, sleep and health. <i>Human Molecular Genetics</i> , 2017, 26, R128-R138.	1.4	150
4	Melanopsin Regulates Both Sleep-Promoting and Arousal-Promoting Responses to Light. <i>PLoS Biology</i> , 2016, 14, e1002482.	2.6	129
5	Photic Regulation of Clock Systems. <i>Methods in Enzymology</i> , 2015, 552, 125-143.	0.4	104
6	The Regulatory Factor ZFHX3 Modifies Circadian Function in SCN via an AT Motif-Driven Axis. <i>Cell</i> , 2015, 162, 607-621.	13.5	74
7	Localization of Double-stranded Small Interfering RNA to Cytoplasmic Processing Bodies Is Ago2 Dependent and Results in Up-Regulation of GW182 and Argonaute-2. <i>Molecular Biology of the Cell</i> , 2009, 20, 521-529.	0.9	69
8	Adenosine integrates light and sleep signalling for the regulation of circadian timing in mice. <i>Nature Communications</i> , 2021, 12, 2113.	5.8	66
9	Signalling by melanopsin (OPN4) expressing photosensitive retinal ganglion cells. <i>Eye</i> , 2016, 30, 247-254.	1.1	59
10	Profound defects in pupillary responses to light in TRPM channel null mice: a role for TRPM channels in non-image-forming photoreception. <i>European Journal of Neuroscience</i> , 2012, 35, 34-43.	1.2	52
11	Disrupted Sleep and Circadian Rhythms in Schizophrenia and Their Interaction With Dopamine Signaling. <i>Frontiers in Neuroscience</i> , 2020, 14, 636.	1.4	47
12	Photic Entrainment of the Circadian System. <i>International Journal of Molecular Sciences</i> , 2022, 23, 729.	1.8	38
13	The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells. <i>IScience</i> , 2021, 24, 103144.	1.9	34
14	Deletion of Metabotropic Glutamate Receptors 2 and 3 (mGlu2 & mGlu3) in Mice Disrupts Sleep and Wheel-Running Activity, and Increases the Sensitivity of the Circadian System to Light. <i>PLoS ONE</i> , 2015, 10, e0125523.	1.1	33
15	Isoforms of Melanopsin Mediate Different Behavioral Responses to Light. <i>Current Biology</i> , 2015, 25, 2430-2434.	1.8	32
16	Using siRNA to define functional interactions between melanopsin and multiple G Protein partners. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 165-179.	2.4	29
17	Differential roles for cryptochromes in the mammalian retinal clock. <i>FASEB Journal</i> , 2018, 32, 4302-4314.	0.2	20
18	The hypothalamic link between arousal and sleep homeostasis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	19

#	ARTICLE	IF	CITATIONS
19	RNA interference based gene therapy for neurological disease. Briefings in Functional Genomics & Proteomics, 2007, 6, 40-49.	3.8	18
20	Patient fibroblast circadian rhythms predict lithium sensitivity in bipolar disorder. Molecular Psychiatry, 2021, 26, 5252-5265.	4.1	18
21	Constant Light Desynchronizes Olfactory versus Object and Visuospatial Recognition Memory Performance. Journal of Neuroscience, 2017, 37, 3555-3567.	1.7	13
22	Cold-induced chromatin compaction and nuclear retention of clock mRNAs resets the circadian rhythm. EMBO Journal, 2020, 39, e105604.	3.5	11
23	Melanopsin: photoreceptors, physiology and potential. Current Opinion in Physiology, 2018, 5, 68-74.	0.9	8
24	Identification of rod- and cone-specific expression signatures to identify candidate genes for retinal disease. Experimental Eye Research, 2015, 132, 161-173.	1.2	5
25	<scp>CREB</scp> signalling in bipolar disease (Commentary on Gaspar <i>et al</i>.). European Journal of Neuroscience, 2014, 40, 2205-2205.	1.2	1
26	Dystrophin involvement in peripheral circadian SRF signalling. Life Science Alliance, 2021, 4, e202101014.	1.3	1