

Megumi Hatori

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

4,334
citations

430874

18
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

6086
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-Restricted Feeding without Reducing Caloric Intake Prevents Metabolic Diseases in Mice Fed a High-Fat Diet. <i>Cell Metabolism</i> , 2012, 15, 848-860.	16.2	1,500
2	Regulation of circadian behaviour and metabolism by REV-ERB- α and REV-ERB- β . <i>Nature</i> , 2012, 485, 123-127.	27.8	867
3	Circadian clock protein cryptochrome regulates the expression of proinflammatory cytokines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12662-12667.	7.1	330
4	Inducible Ablation of Melanopsin-Expressing Retinal Ganglion Cells Reveals Their Central Role in Non-Image Forming Visual Responses. <i>PLoS ONE</i> , 2008, 3, e2451.	2.5	248
5	Melanopsin Contributions to Irradiance Coding in the Thalamo-Cortical Visual System. <i>PLoS Biology</i> , 2010, 8, e1000558.	5.6	226
6	Histone Lysine Demethylase JARID1a Activates CLOCK-BMAL1 and Influences the Circadian Clock. <i>Science</i> , 2011, 333, 1881-1885.	12.6	215
7	The emerging roles of melanopsin in behavioral adaptation to light. <i>Trends in Molecular Medicine</i> , 2010, 16, 435-446.	6.7	154
8	Global rise of potential health hazards caused by blue light-induced circadian disruption in modern aging societies. <i>Npj Aging and Mechanisms of Disease</i> , 2017, 3, 9.	4.5	134
9	Violet Light Exposure Can Be a Preventive Strategy Against Myopia Progression. <i>EBioMedicine</i> , 2017, 15, 210-219.	6.1	125
10	Small-molecule antagonists of melanopsin-mediated phototransduction. <i>Nature Chemical Biology</i> , 2013, 9, 630-635.	8.0	73
11	Lhx1 maintains synchrony among circadian oscillator neurons of the SCN. <i>ELife</i> , 2014, 3, e03357.	6.0	68
12	Light-dependent and circadian clock-regulated activation of sterol regulatory element-binding protein, X-box-binding protein 1, and heat shock factor pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4864-4869.	7.1	64
13	X-Ray Microscopy as an Approach to Increasing Accuracy and Efficiency of Serial Block-Face Imaging for Correlated Light and Electron Microscopy of Biological Specimens. <i>Microscopy and Microanalysis</i> , 2015, 21, 231-238.	0.4	64
14	Isoform-selective regulation of mammalian cryptochromes. <i>Nature Chemical Biology</i> , 2020, 16, 676-685.	8.0	61
15	Melanopsin-Encoded Response Properties of Intrinsically Photosensitive Retinal Ganglion Cells. <i>Neuron</i> , 2016, 90, 1016-1027.	8.1	45
16	Aberrant Development of the Suprachiasmatic Nucleus and Circadian Rhythms in Mice Lacking the Homeodomain Protein Six6. <i>Journal of Biological Rhythms</i> , 2013, 28, 15-25.	2.6	38
17	Response of Peripheral Rhythms to the Timing of Food Intake. <i>Methods in Enzymology</i> , 2015, 552, 145-161.	1.0	25
18	Sustained Melanopsin Photoresponse Is Supported by Specific Roles of β -Arrestin 1 and 2 in Deactivation and Regeneration of Photopigment. <i>Cell Reports</i> , 2018, 25, 2497-2509.e4.	6.4	23

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19	CRY links the circadian clock and CREB-mediated gluconeogenesis. <i>Cell Research</i> , 2010, 20, 1285-1288.	12.0	19
20	Synaptic Specializations of Melanopsin-Retinal Ganglion Cells in Multiple Brain Regions Revealed by Genetic Label for Light and Electron Microscopy. <i>Cell Reports</i> , 2019, 29, 628-644.e6.	6.4	19
21	Biosynthesis and Biological Actions of Pineal Neurosteroids in Domestic Birds. <i>Neuroendocrinology</i> , 2013, 98, 97-105.	2.5	17
22	New Biosynthesis and Biological Actions of Avian Neurosteroids. <i>Journal of Experimental Neuroscience</i> , 2013, 7, JEN.S11148.	2.3	9
23	Lcg is a light-inducible and clock-controlled gene expressed in the chicken pineal gland. <i>Journal of Neurochemistry</i> , 2006, 96, 1790-1800.	3.9	5
24	Cell-Based Phenotypic Screens to Discover Circadian Clock-Modulating Compounds. <i>Methods in Molecular Biology</i> , 2022, , 95-104.	0.9	3
25	Nucleosome dynamics regulate <i>Neurospora</i> circadian clock. <i>EMBO Reports</i> , 2013, 14, 854-855.	4.5	1