MarÃ-a Fernanda Ceriani

List of Publications by Year
in descending order

41 papers	3,559 citations	331670 21 h-index	276875 41 g-index
44 all docs	44 docs citations	44 times ranked	3086 citing authors

#	Article	IF	Citations
1	Closing the Circadian Loop: CLOCK-Induced Transcription of Its Own Inhibitors per and tim. Science, 1998, 280, 1599-1603.	12.6	784
2	Light-Dependent Sequestration of TIMELESS by CRYPTOCHROME. Science, 1999, 285, 553-556.	12.6	535
3	Genome-Wide Expression Analysis inDrosophilaReveals Genes Controlling Circadian Behavior. Journal of Neuroscience, 2002, 22, 9305-9319.	3.6	329
4	A methyl transferase links the circadian clock to the regulation of alternative splicing. Nature, 2010, 468, 112-116.	27.8	286
5	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	2.6	237
6	The Drosophila Circadian Network Is a Seasonal Timer. Cell, 2007, 129, 207-219.	28.9	221
7	Circadian Remodeling of Neuronal Circuits Involved in Rhythmic Behavior. PLoS Biology, 2008, 6, e69.	5.6	192
8	Adult-Specific Electrical Silencing of Pacemaker Neurons Uncouples Molecular Clock from Circadian Outputs. Current Biology, 2011, 21, 1783-1793.	3.9	114
9	Circadian Pacemaker Neurons Change Synaptic Contacts across the Day. Current Biology, 2014, 24, 2161-2167.	3.9	93
10	Organization of Circadian Behavior Relies on Glycinergic Transmission. Cell Reports, 2017, 19, 72-85.	6.4	70
11	Acetylcholine from Visual Circuits Modulates the Activity of Arousal Neurons inDrosophila. Journal of Neuroscience, 2015, 35, 16315-16327.	3.6	54
12	DLGS97/SAP97 Is Developmentally Upregulated and Is Required for Complex Adult Behaviors and Synapse Morphology and Function. Journal of Neuroscience, 2008, 28, 304-314.	3.6	52
13	Impaired clock output by altered connectivity in the circadian network. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5650-5655.	7.1	51
14	Neuronal death in Drosophila triggered by GAL4 accumulation. European Journal of Neuroscience, 2007, 25, 683-694.	2.6	46
15	The circadian system: Plasticity at many levels. Neuroscience, 2013, 247, 280-293.	2.3	44
16	Mmp1 Processing of the PDF Neuropeptide Regulates Circadian Structural Plasticity of Pacemaker Neurons. PLoS Genetics, 2014, 10, e1004700.	3.5	43
17	Communication between circadian clusters: The key to a plastic network. FEBS Letters, 2015, 589, 3336-3342.	2.8	38
18	Extreme resistance to infection by potato virus X in genotypes of wild tuber-bearingSolanum species. Potato Research, 1991, 34, 317-324.	2.7	30

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19	Coupling Neuropeptide Levels to Structural Plasticity in Drosophila Clock Neurons. Current Biology, 2020, 30, 3154-3166.e4.	3.9	23
20	Circadian Plasticity: From Structure to Behavior. International Review of Neurobiology, 2011, 99, 107-138.	2.0	22
21	Experimental assessment of the network properties of the Drosophila circadian clock. Journal of Comparative Neurology, 2015, 523, 982-996.	1.6	22
22	Simultaneous accumulation of multiple viral coat proteins from a TEV-NIa based expression vector. Plant Molecular Biology, 1998, 36, 239-248.	3.9	21
23	A Functional Misexpression Screen Uncovers a Role for Enabled in Progressive Neurodegeneration. PLoS ONE, 2008, 3, e3332.	2.5	21
24	Circadian Period Integrates Network Information Through Activation of the BMP Signaling Pathway. PLoS Biology, 2013, 11, e1001733.	5.6	21
25	Neuronal and Glial Clocks Underlying Structural Remodeling of Pacemaker Neurons in Drosophila. Frontiers in Physiology, 2017, 8, 918.	2.8	20
26	The Underlying Genetics ofDrosophilaCircadian Behaviors. Physiology, 2018, 33, 50-62.	3.1	20
27	M6 Membrane Protein Plays an Essential Role in Drosophila Oogenesis. PLoS ONE, 2011, 6, e19715.	2.5	17
28	Retrograde Bone Morphogenetic Protein Signaling Shapes a Key Circadian Pacemaker Circuit. Journal of Neuroscience, 2013, 33, 687-696.	3.6	17
29	High-Frequency Neuronal Bursting is Essential for Circadian and Sleep Behaviors inDrosophila. Journal of Neuroscience, 2021, 41, 689-710.	3.6	15
30	PVX MS, a New Strain of Potato Virus that Overcomes the Extreme Resistance Gene Rx. Journal of Phytopathology, 1994, 141, 241-248.	1.0	14
31	Amyloid peptides ABri and ADan show differential neurotoxicity in transgenic Drosophila models of familial British and Danish dementia. Molecular Neurodegeneration, 2014, 9, 5.	10.8	14
32	A Novel Genetic Screen Identifies Modifiers of Age-Dependent Amyloid Î² Toxicity in the Drosophila Brain. Frontiers in Aging Neuroscience, 2017, 9, 61.	3.4	12
33	Functional Conservation of Clock Output Signaling between Flies and Intertidal Crabs. Journal of Biological Rhythms, 2011, 26, 518-529.	2.6	11
34	A role for the membrane protein M6 in the Drosophila visual system. BMC Neuroscience, 2012, 13, 78.	1.9	11
35	Development and application of a nonradioactive nucleic acid hybridization system for simultaneous detection of four potato pathogens. Journal of Virological Methods, 1991, 31, 11-29.	2.1	10
36	The axonâ€guidance roundabout gene alters the pace of the Drosophila circadian clock. European Journal of Neuroscience, 2008, 27, 396-407.	2.6	10

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37	Communication Among Photoreceptors and the Central Clock Affects Sleep Profile. Frontiers in Physiology, 2020, 11, 993.	2.8	10
38	ENA/VASP downregulation triggers cell death by impairing axonal maintenance in hippocampal neurons. Molecular and Cellular Neurosciences, 2010, 44, 154-164.	2.2	9
39	Rhythmic Behavior Is Controlled by the SRm160 Splicing Factor inDrosophila melanogaster. Genetics, 2017, 207, 593-607.	2.9	9
40	Contribution of non-circadian neurons to the temporal organization of locomotor activity. Biology Open, 2019, 8, .	1.2	7
41	Decapentaplegic Acutely Defines the Connectivity of Central Pacemaker Neurons in Drosophila. Journal of Neuroscience, 2021, 41, 8338-8350.	3.6	4