

Horacio O De La Iglesia

List of Publications by Year in descending order

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73
papers

4,629
citations

126907

33
h-index

106344

65
g-index

75
all docs

75
docs citations

75
times ranked

5811
citing authors

#	ARTICLE	IF	CITATIONS
1	Autistic-like behaviour in <i>Scn1a+/-</i> mice and rescue by enhanced GABA-mediated neurotransmission. <i>Nature</i> , 2012, 489, 385-390.	27.8	543
2	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	2.6	237
3	Morning and evening circadian oscillations in the suprachiasmatic nucleus in vitro. <i>Nature Neuroscience</i> , 2000, 3, 372-376.	14.8	217
4	Sleep in university students prior to and during COVID-19 Stay-at-Home orders. <i>Current Biology</i> , 2020, 30, R797-R798.	3.9	217
5	Forced Desynchronization of Dual Circadian Oscillators within the Rat Suprachiasmatic Nucleus. <i>Current Biology</i> , 2004, 14, 796-800.	3.9	214
6	Identification of a population of sleep-active cerebral cortex neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10227-10232.	7.1	176
7	In search of a temporal niche. <i>Progress in Brain Research</i> , 2012, 199, 281-304.	1.4	166
8	Chronobiology by moonlight. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20123088.	2.6	140
9	Moonstruck Primates: Owl Monkeys (<i>Aotus</i>) Need Moonlight for Nocturnal Activity in Their Natural Environment. <i>PLoS ONE</i> , 2010, 5, e12572.	2.5	137
10	Hormone complement of the Cancer productus sinus gland and pericardial organ: An anatomical and mass spectrometric investigation. <i>Journal of Comparative Neurology</i> , 2005, 493, 607-626.	1.6	127
11	Access to Electric Light Is Associated with Shorter Sleep Duration in a Traditionally Hunter-Gatherer Community. <i>Journal of Biological Rhythms</i> , 2015, 30, 342-350.	2.6	127
12	Sleep research goes wild: new methods and approaches to investigate the ecology, evolution and functions of sleep. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160251.	4.0	127
13	Minireview: Timely Ovulation: Circadian Regulation of the Female Hypothalamo-Pituitary-Gonadal Axis. <i>Endocrinology</i> , 2006, 147, 1148-1153.	2.8	117
14	Sleepmore in Seattle: Later school start times are associated with more sleep and better performance in high school students. <i>Science Advances</i> , 2018, 4, eaau6200.	10.3	114
15	Lateralization of Circadian Pacemaker Output: Activation of Left- and Right-Sided Luteinizing Hormone-Releasing Hormone Neurons Involves a Neural Rather Than a Humoral Pathway. <i>Journal of Neuroscience</i> , 2003, 23, 7412-7414.	3.6	111
16	Circadian Timing of REM Sleep Is Coupled to an Oscillator within the Dorsomedial Suprachiasmatic Nucleus. <i>Current Biology</i> , 2009, 19, 848-852.	3.9	107
17	Circadian desynchronization of core body temperature and sleep stages in the rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7634-7639.	7.1	97
18	Role of the Dorsal Medial Habenula in the Regulation of Voluntary Activity, Motor Function, Hedonic State, and Primary Reinforcement. <i>Journal of Neuroscience</i> , 2014, 34, 11366-11384.	3.6	95

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19	Na ^v 1.1 channels are critical for intercellular communication in the suprachiasmatic nucleus and for normal circadian rhythms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E368-77.	7.1	87
20	Kisspeptin Neurons in the Arcuate Nucleus of the Hypothalamus Orchestrate Circadian Rhythms and Metabolism. <i>Current Biology</i> , 2019, 29, 592-604.e4.	3.9	82
21	Encoding Le Quattro Stagioni within the Mammalian Brain: Photoperiodic Orchestration through the Suprachiasmatic Nucleus. <i>Journal of Biological Rhythms</i> , 2001, 16, 302-311.	2.6	79
22	Sleep impairment and reduced interneuron excitability in a mouse model of Dravet Syndrome. <i>Neurobiology of Disease</i> , 2015, 77, 141-154.	4.4	79
23	Dissociation of circadian and light inhibition of melatonin release through forced desynchronization in the rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17540-17545.	7.1	72
24	FEEDING ENTRAINMENT OF FOOD-ANTICIPATORY ACTIVITY AND <i>per1</i> EXPRESSION IN THE BRAIN AND LIVER OF ZEBRAFISH UNDER DIFFERENT LIGHTING AND FEEDING CONDITIONS. <i>Chronobiology International</i> , 2010, 27, 1380-1400.	2.0	68
25	Light Intensity Determines Temporal Niche Switching of Behavioral Activity in Deep-Water <i>Nephrops norvegicus</i> (Crustacea: Decapoda). <i>Journal of Biological Rhythms</i> , 2010, 25, 277-287.	2.6	62
26	The Dorsomedial Suprachiasmatic Nucleus Times Circadian Expression of Kiss1 and the Luteinizing Hormone Surge. <i>Endocrinology</i> , 2012, 153, 2839-2850.	2.8	61
27	Identification, physiological actions, and distribution of VYRKPPFNGSIFamide (Val1-SIFamide) in the stomatogastric nervous system of the American lobster <i>Homarus americanus</i> . <i>Journal of Comparative Neurology</i> , 2006, 496, 406-421.	1.6	55
28	Effect on Patient Safety of a Resident Physician Schedule without 24-Hour Shifts. <i>New England Journal of Medicine</i> , 2020, 382, 2514-2523.	27.0	55
29	Burrow plugging in the crab <i>Uca uruguayensis</i> and its synchronization with photoperiod and tides. <i>Physiology and Behavior</i> , 1994, 55, 913-919.	2.1	54
30	Distinct patterns of Period gene expression in the suprachiasmatic nucleus underlie circadian clock photoentrainment by advances or delays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17219-17224.	7.1	50
31	Members of the crustacean hyperglycemic hormone (CHH) peptide family are differentially distributed both between and within the neuroendocrine organs of Cancer crabs: implications for differential release and pleiotropic function. <i>Journal of Experimental Biology</i> , 2006, 209, 3241-3256.	1.7	49
32	Cloning and differential expression of two β -pigment-dispersing hormone (β -PDH) isoforms in the crab <i>Cancer productus</i> : Evidence for authentic β -PDH as a local neurotransmitter and β -PDH II as a humoral factor. <i>Journal of Comparative Neurology</i> , 2008, 508, 197-211.	1.6	47
33	Circadian Forced Desynchrony of the Master Clock Leads to Phenotypic Manifestation of Depression in Rats. <i>ENeuro</i> , 2016, 3, ENEURO.0237-16.2016.	1.9	43
34	Identification, Characterization, and Diel Pattern of Expression of Canonical Clock Genes in <i>Nephrops norvegicus</i> (Crustacea: Decapoda) Eyestalk. <i>PLoS ONE</i> , 2015, 10, e0141893.	2.5	37
35	Moonstruck sleep: Synchronization of human sleep with the moon cycle under field conditions. <i>Science Advances</i> , 2021, 7, .	10.3	36
36	Afternoon School Start Times Are Associated with a Lack of Both Social Jetlag and Sleep Deprivation in Adolescents. <i>Journal of Biological Rhythms</i> , 2020, 35, 377-390.	2.6	34

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37	Forced Desynchrony Reveals Independent Contributions of Suprachiasmatic Oscillators to the Daily Plasma Corticosterone Rhythm in Male Rats. <i>PLoS ONE</i> , 2013, 8, e68793.	2.5	33
38	Circadian Mechanisms of Food Anticipatory Rhythms in Rats Fed Once or Twice Daily: Clock Gene and Endocrine Correlates. <i>PLoS ONE</i> , 2014, 9, e112451.	2.5	30
39	Loss of β -adrenergic-stimulated phosphorylation of Ca ^v 1.2 channels on Ser1700 leads to heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7976-E7985.	7.1	28
40	Time-Specific Fear Acts as a Non-Photic Entraining Stimulus of Circadian Rhythms in Rats. <i>Scientific Reports</i> , 2015, 5, 14916.	3.3	26
41	Sleep timing and the circadian clock in mammals: Past, present and the road ahead. <i>Seminars in Cell and Developmental Biology</i> , 2022, 126, 3-14.	5.0	26
42	Training-to-testing intervals different from 24 h impair habituation in the crab <i>Chasmagnathus</i> . <i>Physiology and Behavior</i> , 1996, 59, 19-25.	2.1	24
43	Using Per gene expression to search for photoperiodic oscillators in the hamster suprachiasmatic nucleus. <i>Molecular Brain Research</i> , 2004, 127, 121-127.	2.3	22
44	New Developments in Sleep Research: Molecular Genetics, Gene Expression, and Systems Neurobiology. <i>Journal of Neuroscience</i> , 2008, 28, 11814-11818.	3.6	21
45	Ancestral sleep. <i>Current Biology</i> , 2016, 26, R271-R272.	3.9	21
46	Molecular cloning of four cDNAs encoding prepro-crustacean hyperglycemic hormone (CHH) from the eyestalk of the red rock crab <i>Cancer productus</i> : Identification of two genetically encoded CHH isoforms and two putative post-translationally derived CHH variants. <i>General and Comparative Endocrinology</i> , 2008, 155, 517-525.	1.8	18
47	Fragmentation of Rapid Eye Movement and Nonrapid Eye Movement Sleep without Total Sleep Loss Impairs Hippocampus-Dependent Fear Memory Consolidation. <i>Sleep</i> , 2016, 39, 2021-2031.	1.1	18
48	Biological Clocks: Riding the Tides. <i>Current Biology</i> , 2013, 23, R921-R923.	3.9	17
49	A subpopulation of efferent neurons in the mouse suprachiasmatic nucleus is also light responsive. <i>NeuroReport</i> , 2002, 13, 857-860.	1.2	16
50	Direct tissue MALDI-FTMS profiling of individual <i>Cancer productus</i> sinus glands reveals that one of three distinct combinations of crustacean hyperglycemic hormone precursor-related peptide (CPRP) isoforms are present in individual crabs. <i>General and Comparative Endocrinology</i> , 2007, 154, 184-192.	1.8	16
51	Phase Misalignment between Suprachiasmatic Neuronal Oscillators Impairs Photic Behavioral Phase Shifts But Not Photic Induction of Gene Expression. <i>Journal of Neuroscience</i> , 2010, 30, 13150-13156.	3.6	16
52	Period gene expression in the suprachiasmatic nucleus of behaviorally decoupled hamsters. <i>Molecular Brain Research</i> , 2003, 114, 40-45.	2.3	15
53	Re-examining "Temporal Niche". <i>Integrative and Comparative Biology</i> , 2013, 53, 165-174.	2.0	15
54	cGMP-Phosphodiesterase Inhibition Enhances Photic Responses and Synchronization of the Biological Circadian Clock in Rodents. <i>PLoS ONE</i> , 2012, 7, e37121.	2.5	14

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55	Circadian regulation of sleep in a pre-clinical model of Dravet syndrome: dynamics of sleep stage and siesta re-entrainment. <i>Sleep</i> , 2019, 42, .	1.1	13
56	Access to electric light is associated with delays of the dim-light melatonin onset in a traditionally hunter-gatherer Toba/Qom community. <i>Journal of Pineal Research</i> , 2020, 69, e12689.	7.4	12
57	In Situ Hybridization of Suprachiasmatic Nucleus Slices. <i>Methods in Molecular Biology</i> , 2007, 362, 513-531.	0.9	12
58	Functional Conservation of Clock Output Signaling between Flies and Intertidal Crabs. <i>Journal of Biological Rhythms</i> , 2011, 26, 518-529.	2.6	11
59	Two indoleamines are secreted from rat pineal gland at night and act on melatonin receptors but are not night hormones. <i>Journal of Pineal Research</i> , 2020, 68, e12622.	7.4	11
60	Influence of temperature on daily locomotor activity in the crab <i>Uca pugilator</i> . <i>PLoS ONE</i> , 2017, 12, e0175403.	2.5	10
61	Biological clocks and rhythms in intertidal crustaceans. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1394-1404.	1.8	9
62	Loss of the SV2-like Protein SVOP Produces No Apparent Deficits in Laboratory Mice. <i>PLoS ONE</i> , 2013, 8, e68215.	2.5	8
63	The Dorsal Medial Habenula Minimally Impacts Circadian Regulation of Locomotor Activity and Sleep. <i>Journal of Biological Rhythms</i> , 2017, 32, 444-455.	2.6	8
64	Actigraphy in mechanically ventilated pediatric ICU patients: comparison to PSG and evaluation of behavioral circadian rhythmicity. <i>Chronobiology International</i> , 2022, 39, 117-128.	2.0	8
65	Thermoenergetic challenges and daytime behavioural patterns of a wild cathemeral mammal. <i>Animal Behaviour</i> , 2022, , .	1.9	7
66	What Time Should Middle and High School Students Start School?. <i>Journal of Biological Rhythms</i> , 2019, 34, 576-578.	2.6	5
67	Circadian internal desynchronization: Lessons from a rat. <i>Sleep and Biological Rhythms</i> , 2008, 6, 76-83.	1.0	4
68	Inhibitor of DNA binding 2 (Id2) Regulates Photic Entrainment Responses in Mice: Differential Responses of the <i>Id2</i> ^{-/-} Mouse Circadian System Are Dependent on Circadian Phase and on Duration and Intensity of Light. <i>Journal of Biological Rhythms</i> , 2020, 35, 555-575.	2.6	3
69	Constructing Suprachiasmatic Nucleus Chimeras In Vivo. <i>Biological Rhythm Research</i> , 2001, 32, 221-232.	0.9	2
70	Vasopressin Neurons: Master Integrators of Time and Homeostasis. <i>Trends in Neurosciences</i> , 2020, 43, 839-841.	8.6	2
71	Associations between chronotype, social jetlag, and weekday sleep in women with irritable bowel syndrome. <i>Chronobiology International</i> , 2021, 38, 742-752.	2.0	1
72	Sleep and the circadian system: The latest gossip on a tumultuous long-term relationship. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2021, 10, 100061.	2.8	1

#	ARTICLE	IF	CITATIONS
73	Sleep Under Preindustrial Conditions: What We Can Learn from It. <i>Methods in Molecular Biology</i> , 2022, , 1-14.	0.9	1