

# Fabian-XosÃ© Fernandez

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

1,850  
citations

430874

18  
h-index

289244

40  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacotherapy for cognitive impairment in a mouse model of Down syndrome. <i>Nature Neuroscience</i> , 2007, 10, 411-413.	14.8	466
2	Hippocampal-dependent learning requires a functional circadian system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15593-15598.	7.1	206
3	Suicidal ideation during the COVID-19 pandemic: The role of insomnia. <i>Psychiatry Research</i> , 2020, 290, 113134.	3.3	108
4	Nociceptin/Orphanin FQ Increases Anxiety-Related Behavior and Circulating Levels of Corticosterone During Neophobic Tests of Anxiety. <i>Neuropsychopharmacology</i> , 2004, 29, 59-71.	5.4	94
5	Dysrhythmia in the suprachiasmatic nucleus inhibits memory processing. <i>Science</i> , 2014, 346, 854-857.	12.6	86
6	Over-inhibition: a model for developmental intellectual disability. <i>Trends in Neurosciences</i> , 2007, 30, 497-503.	8.6	77
7	Spatial Memory and Long-Term Object Recognition Are Impaired by Circadian Arrhythmia and Restored by the GABA Antagonist Pentylentetrazole. <i>PLoS ONE</i> , 2013, 8, e72433.	2.5	59
8	The translational neuroscience of sleep: A contextual framework. <i>Science</i> , 2021, 374, 568-573.	12.6	59
9	Further understanding the connection between Alzheimer's disease and Down syndrome. <i>Alzheimer's and Dementia</i> , 2020, 16, 1065-1077.	0.8	52
10	Episodic-like memory in Ts65Dn, a mouse model of Down syndrome. <i>Behavioural Brain Research</i> , 2008, 188, 233-237.	2.2	47
11	Normal protein composition of synapses in Ts65Dn mice: a mouse model of Down syndrome. <i>Journal of Neurochemistry</i> , 2009, 110, 157-169.	3.9	33
12	Onset insomnia and insufficient sleep duration are associated with suicide ideation in university students and athletes. <i>Journal of Affective Disorders</i> , 2020, 274, 1161-1164.	4.1	30
13	Object recognition memory is conserved in Ts1Cje, a mouse model of Down syndrome. <i>Neuroscience Letters</i> , 2007, 421, 137-141.	2.1	28
14	Young children with Down syndrome show normal development of circadian rhythms, but poor sleep efficiency: a cross-sectional study across the first 60 months of life. <i>Sleep Medicine</i> , 2017, 33, 134-144.	1.6	27
15	Relationship of Nocturnal Wakefulness to Suicide Risk Across Months and Methods of Suicide. <i>Journal of Clinical Psychiatry</i> , 2020, 81, .	2.2	26
16	A bicistronic lentiviral vector based on the 1D/2A sequence of foot-and-mouth disease virus expresses proteins stoichiometrically. <i>Journal of Biotechnology</i> , 2010, 146, 138-142.	3.8	24
17	Circadian Locomotor Rhythms Are Normal in Ts65Dn "Down Syndrome" Mice and Unaffected by Pentylentetrazole. <i>Journal of Biological Rhythms</i> , 2010, 25, 63-66.	2.6	24
18	The common denominators of sleep, obesity, and psychopathology. <i>Current Opinion in Psychology</i> , 2020, 34, 84-88.	4.9	23

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19	Precision Light for the Treatment of Psychiatric Disorders. <i>Neural Plasticity</i> , 2018, 2018, 1-16.	2.2	22
20	Ultrasonic vocalizations during male-female interaction in the mouse model of Down syndrome Ts65Dn. <i>Physiology and Behavior</i> , 2014, 128, 119-125.	2.1	19
21	Spontaneous alternation: A potential gateway to spatial working memory in <i>Drosophila</i> . <i>Neurobiology of Learning and Memory</i> , 2017, 142, 230-235.	1.9	19
22	Suicidal ideation is associated with nighttime wakefulness in a community sample. <i>Sleep</i> , 2021, 44, .	1.1	19
23	Poor Sleep as a Precursor to Cognitive Decline in Down Syndrome : A Hypothesis. , 2013, 03, 124.		19
24	The circadian activity rhythm is reset by nanowatt pulses of ultraviolet light. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181288.	2.6	16
25	The medial temporal memory system in Down syndrome: Translating animal models of hippocampal compromise. <i>Hippocampus</i> , 2017, 27, 683-691.	1.9	14
26	Optimization of circadian responses with shorter and shorter millisecond flashes. <i>Biology Letters</i> , 2019, 15, 20190371.	2.3	14
27	Racial/ethnic minorities have greater declines in sleep duration with higher risk of cardiometabolic disease: An analysis of the U.S. National Health Interview Survey. <i>Sleep Epidemiology</i> , 2022, 2, 100022.	1.6	14
28	The basics of sleep physiology and behavior. , 2019, , 3-10.		13
29	The Mind After Midnight: Nocturnal Wakefulness, Behavioral Dysregulation, and Psychopathology. <i>Frontiers in Network Physiology</i> , 2022, 1, .	1.8	13
30	Circadian phase-shifting by light: Beyond photons. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2018, 5, 8-14.	2.8	12
31	Chronotype and social support among student athletes: impact on depressive symptoms. <i>Chronobiology International</i> , 2021, 38, 1319-1329.	2.0	12
32	Influence of Schizophrenia-Associated Gene <i>Egr3</i> on Sleep Behavior and Circadian Rhythms in Mice. <i>Journal of Biological Rhythms</i> , 2018, 33, 662-670.	2.6	11
33	Prescription medications for insomnia are associated with suicidal thoughts and behaviors in two nationally representative samples. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 1025-1030.	2.6	11
34	Nocturnal and Morning Wakefulness Are Differentially Associated With Suicidal Ideation in a Nationally Representative Sample. <i>Journal of Clinical Psychiatry</i> , 2021, 82, .	2.2	11
35	Narcolepsy and COVID-19: sleeping on an opportunity?. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1415-1415.	2.6	9
36	Circadian Responses to Light-Flash Exposure: Conceptualization and New Data Guiding Future Directions. <i>Frontiers in Neurology</i> , 2021, 12, 627550.	2.4	9

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37	Forebrain Shh overexpression improves cognitive function and locomotor hyperactivity in an aneuploid mouse model of Down syndrome and its euploid littermates. <i>Acta Neuropathologica Communications</i> , 2021, 9, 137.	5.2	9
38	Assessing Cognitive Improvement in People with Down Syndrome: Important Considerations for Drug-Efficacy Trials. <i>Handbook of Experimental Pharmacology</i> , 2015, 228, 335-380.	1.8	8
39	Scheduled feeding restores memory and modulates c-Fos expression in the suprachiasmatic nucleus and septohippocampal complex. <i>Scientific Reports</i> , 2017, 7, 6755.	3.3	8
40	Acculturation and sleep: implications for sleep and health disparities. <i>Sleep</i> , 2019, 42, .	1.1	8
41	Intracerebral hemorrhage in the mouse altered sleep-wake patterns and activated microglia. <i>Experimental Neurology</i> , 2020, 327, 113242.	4.1	8
42	Resilience in the suprachiasmatic nucleus: Implications for aging and Alzheimer's disease. <i>Experimental Gerontology</i> , 2021, 147, 111258.	2.8	8
43	Pharmacotherapy in Down's syndrome: which way forward?. <i>Lancet Neurology</i> , The, 2016, 15, 776-777.	10.2	7
44	Longitudinal study of sleep and diurnal rhythms in <i>Drosophila ananassae</i> . <i>Experimental Gerontology</i> , 2019, 116, 74-79.	2.8	7
45	Meta-analysis of light and circadian timekeeping in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 123, 215-229.	6.1	7
46	Current Insights into Optimal Lighting for Promoting Sleep and Circadian Health: Brighter Days and the Importance of Sunlight in the Built Environment. <i>Nature and Science of Sleep</i> , 2022, Volume 14, 25-39.	2.7	7
47	When reason sleeps: attempted suicide during the circadian night. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1809-1810.	2.6	6
48	Responses to Intermittent Light Stimulation Late in the Night Phase Before Dawn. <i>Clocks &amp; Sleep</i> , 2018, 1, 26-41.	2.0	5
49	Systematic review of drugs that modify the circadian system's phase-shifting responses to light exposure. <i>Neuropsychopharmacology</i> , 2022, 47, 866-879.	5.4	5
50	What makes people want to make changes to their sleep? Assessment of perceived risks of insufficient sleep as a predictor of intent to improve sleep. <i>Sleep Health</i> , 2021, 7, 98-104.	2.5	4
51	Circadian Responses to Fragmented Light: Research Synopsis in Humans. <i>Yale Journal of Biology and Medicine</i> , 2019, 92, 337-348.	0.2	4
52	The <i>Drosophila</i> circadian phase response curve to light: Conservation across seasonally relevant photoperiods and anchorage to sunset. <i>Physiology and Behavior</i> , 2022, 245, 113691.	2.1	3
53	Social Jetlag and Other Aspects of Sleep Are Linked to Non-Suicidal Self-Injury Among College Students. <i>Archives of Suicide Research</i> , 2023, 27, 686-703.	2.3	3
54	An evolutionarily conserved mechanism for presynaptic trapping. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1751-1754.	5.4	2

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55	Long Term Repair of Learning Disability through Short-Term Reduction of CNS Inhibition. Lecture Notes in Computer Science, 2009, , 818-825.	1.3	1
56	Emerging evidence for sleep instability as a risk mechanism for nonsuicidal self-injury. Sleep, 2022, 45, .	1.1	1
57	Reversible Suppression of Fear Memory Recall by Transient Circadian Arrhythmia. Frontiers in Integrative Neuroscience, 2022, 16, .	2.1	1
58	0266 Actigraphy-Based Measurement of Sleep and Diurnal Rhythms in Subjects with Age-Related Macular Degeneration. Sleep, 2019, 42, A109-A109.	1.1	0
59	0188 What Makes People Want to Make Changes to Their Sleep? Assessment of Perceived Risks of Insufficient Sleep as a Predictor of Intent to Improve Sleep. Sleep, 2019, 42, A77-A77.	1.1	0
60	258 Blue Blockersâ€™ Ability to Block Circadian-Active Light Emitted from a Tablet. Sleep, 2021, 44, A103-A104.	1.1	0
61	776 Perceived sleep control and nightmares distinguish college students with suicidal ideation from past attempters. Sleep, 2021, 44, A302-A302.	1.1	0
62	777 Sleep and non-suicidal self-injury in college students. Sleep, 2021, 44, A302-A303.	1.1	0
63	256 Spectrophotometric Properties of 31 Different Commercially Available Blue Blocking Glasses Under Electric Room Lighting. Sleep, 2021, 44, A103-A103.	1.1	0
64	257 How Much Blue Do Blue-Blockers Block if Blue-Blockers Do Block Blue?. Sleep, 2021, 44, A103-A103.	1.1	0
65	774 Insomnia precedes suicidal ideation in a national longitudinal study of sleep continuity (NITES). Sleep, 2021, 44, A301-A301.	1.1	0
66	255 Spectrophotometric Properties of Commercial Blue-Blocking Lenses in Sunlight. Sleep, 2021, 44, A102-A103.	1.1	0
67	775 The Relationship Between Sleep and Suicidal Ideation in College Students. Sleep, 2021, 44, A301-A302.	1.1	0
68	Editorial: Translation and Processing of Light by the Non-image Forming Visual Systemâ€™ Context, Mechanisms and Applications. Frontiers in Neurology, 2021, 12, 727849.	2.4	0
69	Spectrophotometric properties of commercially available blue blockers across multiple lighting conditions. Chronobiology International, 2022, , 1-12.	2.0	0
70	Investigation of the aging clock's intermittent-light responses uncovers selective deficits to green millisecond flashes. Journal of Photochemistry and Photobiology B: Biology, 2022, 228, 112389.	3.8	0
71	Abstract MP55: Declining Annual Trends In Us Daily Sleep Duration Are Greater Among Racial/ethnic Minorities: Implications For Cardiometabolic Disease Disparities. Circulation, 2022, 145, .	1.6	0
72	Sleep Deprivation Does Not Influence Photic Resetting of Circadian Activity Rhythms in Drosophila. Clocks & Sleep, 2022, 4, 202-207.	2.0	0