Ying-Hui Fu

List of Publications by Year
in descending order

38 papers	6,894 citations	304743 22 h-index	361022 35 g-index
41 all docs	41 docs citations	41 times ranked	6170 citing authors

#	Article	IF	Citations
1	Variation of the CGG repeat at the fragile X site results in genetic instability: Resolution of the Sherman paradox. Cell, 1991, 67, 1047-1058.	28.9	2,007
2	An h Per2 Phosphorylation Site Mutation in Familial Advanced Sleep Phase Syndrome. Science, 2001, 291, 1040-1043.	12.6	1,339
3	Mutations in Kir2.1 Cause the Developmental and Episodic Electrical Phenotypes of Andersen's Syndrome. Cell, 2001, 105, 511-519.	28.9	921
4	Functional consequences of a CKIÎ´ mutation causing familial advanced sleep phase syndrome. Nature, 2005, 434, 640-644.	27.8	773
5	The Transcriptional Repressor DEC2 Regulates Sleep Length in Mammals. Science, 2009, 325, 866-870.	12.6	307
6	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	2.6	237
7	Glucose Sensor O-GlcNAcylation Coordinates with Phosphorylation to Regulate Circadian Clock. Cell Metabolism, 2013, 17, 291-302.	16.2	206
8	The intricate dance of post-translational modifications in the rhythm of life. Nature Structural and Molecular Biology, 2016, 23, 1053-1060.	8.2	147
9	A PERIOD3 variant causes a circadian phenotype and is associated with a seasonal mood trait. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1536-44.	7.1	134
10	A Cryptochrome 2 mutation yields advanced sleep phase in humans. ELife, 2016, 5, .	6.0	114
11	Genetics of the human circadian clock and sleep homeostat. Neuropsychopharmacology, 2020, 45, 45-54.	5.4	71
12	FAD Regulates CRYPTOCHROME Protein Stability and Circadian Clock in Mice. Cell Reports, 2017, 19, 255-266.	6.4	64
13	A Rare Mutation of Î²1-Adrenergic Receptor Affects Sleep/Wake Behaviors. Neuron, 2019, 103, 1044-1055.e7.	8.1	54
14	DEC2 modulates orexin expression and regulates sleep. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3434-3439.	7.1	51
15	TIMELESS mutation alters phase responsiveness and causes advanced sleep phase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12045-12053.	7.1	50
16	Human circadian variations. Journal of Clinical Investigation, 2021, 131, .	8.2	50
17	Dopamine dysregulation in a mouse model of paroxysmal nonkinesigenic dyskinesia. Journal of Clinical Investigation, 2012, 122, 507-518.	8.2	49
18	Diversity of Human Clock Genotypes and Consequences. Progress in Molecular Biology and Translational Science, 2013, 119, 51-81.	1.7	43

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19	Mutant neuropeptide S receptor reduces sleep duration with preserved memory consolidation. Science Translational Medicine, 2019, 11, .	12.4	43
20	Regulation of Myelination in the Central Nervous System by Nuclear Lamin B1 and Non-coding RNAs. Translational Neurodegeneration, 2014, 3, 4.	8.0	31
21	Extreme morning chronotypes are often familial and not exceedingly rare: the estimated prevalence of advanced sleep phase, familial advanced sleep phase, and advanced sleepâ€“wake phase disorder in a sleep clinic population. Sleep, 2019, 42, .	1.1	31
22	Nuclear envelope protein MAN1 regulates clock through BMAL1. ELife, 2014, 3, e02981.	6.0	31
23	Mutations in Metabotropic Glutamate Receptor 1 Contribute to Natural Short Sleep Trait. Current Biology, 2021, 31, 13-24.e4.	3.9	25
24	Genetics of Human Sleep Behavioral Phenotypes. Methods in Enzymology, 2015, 552, 309-324.	1.0	24
25	Human genetics and sleep behavior. Current Opinion in Neurobiology, 2017, 44, 43-49.	4.2	23
26	Understanding the Role of Dicer in Astrocyte Development. PLoS ONE, 2015, 10, e0126667.	2.5	13
27	Recent advances in sleep genetics. Current Opinion in Neurobiology, 2021, 69, 19-24.	4.2	11
28	Microglia are involved in the protection of memories formed during sleep deprivation. Neurobiology of Sleep and Circadian Rhythms, 2022, 12, 100073.	2.8	10
29	Disorders of sleep and circadian rhythms. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 148, 531-538.	1.8	8
30	A Mitochondrial <scp>tRNA</scp> Mutation Causes Axonal <scp>CMT</scp> in a Large Venezuelan Family. Annals of Neurology, 2020, 88, 830-842.	5.3	7
31	Familial natural short sleep mutations reduce Alzheimer pathology in mice. IScience, 2022, 25, 103964.	4.1	6
32	Oscillating Per-Cision. PLoS Biology, 2008, 6, e192.	5.6	5
33	The molecular genetics of human sleep. European Journal of Neuroscience, 2020, 51, 422-428.	2.6	5
34	Sleep and Mood: Chicken or Egg?. Biological Psychiatry, 2016, 80, 810-811.	1.3	3
35	Report of a Turkish girl with Andersen-Tawil syndrome. Journal of Pediatric Neurology, 2015, 04, 279-282.	0.2	0
36	0153 Extreme Morning Chronotypes Are Often Familial And Not Exceedingly Rare: The Estimated Prevalence Of Familial Advanced Sleep Phase (FASP) In A Sleep Clinic Population. Sleep, 2019, 42, A62-A63.	1.1	0

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37	The whole is greater than the sum of the parts. Journal of Clinical Investigation, 2021, 131, .	8.2	0
38	Genetic and biological factors in sleep. , 2022, , 73-95.		0