Ying Xu

List of Publications by Year in descending order

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73	4,038	172457	123424
papers	citations	29 h-index	61 g-index

81	81	81	5550
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional consequences of a CKÎ´ mutation causing familial advanced sleep phase syndrome. Nature, 2005, 434, 640-644.	27.8	773
2	Modeling of a Human Circadian Mutation Yields Insights into Clock Regulation by PER2. Cell, 2007, 128, 59-70.	28.9	362
3	The Transcriptional Repressor DEC2 Regulates Sleep Length in Mammals. Science, 2009, 325, 866-870.	12.6	307
4	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	2.6	237
5	The gene for paroxysmal non-kinesigenic dyskinesia encodes an enzyme in a stress response pathway. Human Molecular Genetics, 2004, 13, 3161-3170.	2.9	196
6	KIFC3, a microtubule minus endâ€“directed motor for the apical transport of annexin XIIIbâ€“associated Triton-insoluble membranes. Journal of Cell Biology, 2001, 155, 77-88.	5.2	150
7	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
8	A Cryptochrome 2 mutation yields advanced sleep phase in humans. ELife, 2016, 5, .	6.0	114
9	Human type H vessels are a sensitive biomarker of bone mass. Cell Death and Disease, 2017, 8, e2760-e2760.	6.3	95
10	Endothelial ZEB1 promotes angiogenesis-dependent bone formation and reverses osteoporosis. Nature Communications, 2020, 11, 460.	12.8	93
11	The circadian mutation PER2S662G is linked to cell cycle progression and tumorigenesis. Cell Death and Differentiation, 2012, 19, 397-405.	11.2	85
12	Role of KIFC3 motor protein in Golgi positioning and integration. Journal of Cell Biology, 2002, 158, 293-303.	5.2	77
13	Ubiquitin E3 Ligase CRL4CDT2/DCAF2 as a Potential Chemotherapeutic Target for Ovarian Surface Epithelial Cancer. Journal of Biological Chemistry, 2013, 288, 29680-29691.	3.4	67
14	Melatonin inhibits the proliferation of human osteosarcoma cell line MG-63. Bone, 2013, 55, 432-438.	2.9	62
15	A resource of targeted mutant mouse lines for 5,061 genes. Nature Genetics, 2021, 53, 416-419.	21.4	60
16	Angiopoietin receptor Tie2 is required for vein specification and maintenance via regulating COUP-TFII. ELife, 2016, 5, .	6.0	59
17	PER1 Phosphorylation Specifies Feeding Rhythm in Mice. Cell Reports, 2014, 7, 1509-1520.	6.4	58
18	COL25A1 triggers and promotes Alzheimerâ€™s disease-like pathology in vivo. Neurogenetics, 2010, 11, 41-52.	1.4	56

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19	Death Domain-associated Protein DAXX Promotes Ovarian Cancer Development and Chemoresistance. Journal of Biological Chemistry, 2013, 288, 13620-13630.	3.4	55
20	CLOCK Acetylates ASS1 to Drive Circadian Rhythm of Ureagenesis. Molecular Cell, 2017, 68, 198-209.e6.	9.7	53
21	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
22	Dopamine dysregulation in a mouse model of paroxysmal nonkinesigenic dyskinesia. Journal of Clinical Investigation, 2012, 122, 507-518.	8.2	49
23	A NANOS3 mutation linked to protein degradation causes premature ovarian insufficiency. Cell Death and Disease, 2013, 4, e825-e825.	6.3	47
24	Dual roles of FBXL3 in the mammalian circadian feedback loops are important for period determination and robustness of the clock. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4750-4755.	7.1	44
25	Interaction of MAGED1 with nuclear receptors affects circadian clock function. EMBO Journal, 2010, 29, 1389-1400.	7.8	37
26	EGR1 regulates hepatic clock gene amplitude by activating Per1 transcription. Scientific Reports, 2015, 5, 15212.	3.3	37
27	dbCoRC: a database of core transcriptional regulatory circuitries modeled by H3K27ac ChIP-seq signals. Nucleic Acids Research, 2018, 46, D71-D77.	14.5	37
28	Ubiquitin-conjugating enzyme UBE2O regulates cellular clock function by promoting the degradation of the transcription factor BMAL1. Journal of Biological Chemistry, 2018, 293, 11296-11309.	3.4	36
29	SWItch/sucrose nonfermentable (SWI/SNF) complex subunit BAF60a integrates hepatic circadian clock and energy metabolism. Hepatology, 2011, 54, 1410-1420.	7.3	31
30	Distinct Roles of HDAC3 in the Core Circadian Negative Feedback Loop Are Critical for Clock Function. Cell Reports, 2016, 14, 823-834.	6.4	30
31	The Deep Genome Project. Genome Biology, 2020, 21, 18.	8.8	30
32	Fine-Tuning of Shh/Gli Signaling Gradient by Non-proteolytic Ubiquitination during Neural Patterning. Cell Reports, 2019, 28, 541-553.e4.	6.4	28
33	Focused screening of mitochondrial metabolism reveals a crucial role for a tumor suppressor Hbp1 in ovarian reserve. Cell Death and Differentiation, 2016, 23, 1602-1614.	11.2	26
34	Loss-of-function mutations with circadian rhythm regulator Per1/Per2 lead to premature ovarian insufficiencyâ€. Biology of Reproduction, 2019, 100, 1066-1072.	2.7	23
35	An intensity ratio of interlocking loops determines circadian period length. Nucleic Acids Research, 2014, 42, 10278-10287.	14.5	22
36	Loss of ZBTB20 impairs circadian output and leads to unimodal behavioral rhythms. ELife, 2016, 5, .	6.0	22

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37	Angiopoietin-1 Knockout Mice as a Genetic Model of Open-Angle Glaucoma. Translational Vision Science and Technology, 2020, 9, 16.	2.2	22
38	Extensive identification of genes involved in congenital and structural heart disorders and cardiomyopathy. , 2022, 1, 157-173.		22
39	NRAGE is involved in homologous recombination repair to resist the DNA-damaging chemotherapy and composes a ternary complex with RNF8â€“BARD1 to promote cell survival in squamous esophageal tumorigenesis. Cell Death and Differentiation, 2016, 23, 1406-1416.	11.2	21
40	KrÃ¼ppel-like factor 17 upregulates uterine corin expression and promotes spiral artery remodeling in pregnancy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19425-19434.	7.1	21
41	Topography of transcriptionally active chromatin in glioblastoma. Science Advances, 2021, 7, .	10.3	19
42	Deubiquitinating enzyme USP9X regulates cellular clock function by modulating the ubiquitination and degradation of a core circadian protein BMAL1. Biochemical Journal, 2018, 475, 1507-1522.	3.7	18
43	DAXX promotes ovarian cancer ascites cell proliferation and migration by activating the ERK signaling pathway. Journal of Ovarian Research, 2018, 11, 90.	3.0	18
44	A Vimentin-Targeting Oral Compound with Host-Directed Antiviral and Anti-Inflammatory Actions Addresses Multiple Features of COVID-19 and Related Diseases. MBio, 2021, 12, e0254221.	4.1	18
45	The Circadian Clock Influences Heart Performance. Journal of Biological Rhythms, 2011, 26, 402-411.	2.6	17
46	PML silencing inhibits cell proliferation and induces DNA damage in cultured ovarian cancer cells. Biomedical Reports, 2017, 7, 29-35.	2.0	17
47	Maternal DCAF2 is crucial for maintenance of genome stability during the first cell cycle in mice. Journal of Cell Science, 2017, 130, 3297-3307.	2.0	16
48	SARs of a novel series of s-triazine compounds targeting vimentin to induce methuotic phenotype. European Journal of Medicinal Chemistry, 2021, 214, 113188.	5.5	16
49	DCAF13 promotes breast cancer cell proliferation by ubiquitin inhibiting PERP expression. Cancer Science, 2022, 113, 1587-1600.	3.9	16
50	Decoupling PER phosphorylation, stability and rhythmic expression from circadian clock function by abolishing PER-CK1 interaction. Nature Communications, 2022, 13, .	12.8	14
51	MAGED1:Molecular insights and clinical implications. Annals of Medicine, 2011, 43, 347-355.	3.8	13
52	Impaired function of the suprachiasmatic nucleus rescues the loss of body temperature homeostasis caused by time-restricted feeding. Science Bulletin, 2020, 65, 1268-1280.	9.0	13
53	A Small Vimentin-Binding Molecule Blocks Cancer Exosome Release and Reduces Cancer Cell Mobility. Frontiers in Pharmacology, 2021, 12, 627394.	3.5	13
54	LDL Receptorâ€“Related Protein 6 Modulates Ret Proto-Oncogene Signaling in Renal Development and Cystic Dysplasia. Journal of the American Society of Nephrology: JASN, 2016, 27, 417-427.	6.1	12

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55	TET1 inhibits cell proliferation by inducing RASSF5 expression. Oncotarget, 2017, 8, 86395-86409.	1.8	12
56	Snail enhances arginine synthesis by inhibiting ubiquitinationâ€mediated degradation of ASS1. EMBO Reports, 2021, 22, e51780.	4.5	11
57	High-throughput discovery of genetic determinants of circadian misalignment. PLoS Genetics, 2020, 16, e1008577.	3.5	10
58	Efr3a Insufficiency Attenuates the Degeneration of Spiral Ganglion Neurons after Hair Cell Loss. Frontiers in Molecular Neuroscience, 2017, 10, 86.	2.9	9
59	Brainâ€specific ablation of Efr3a promotes adult hippocampal neurogenesis via the brainâ€derived neurotrophic factor pathway. FASEB Journal, 2017, 31, 2104-2113.	0.5	8
60	Single-cell transcriptomic signatures and gene regulatory networks modulated by Wls in mammalian midline facial formation and clefts. Development (Cambridge), 2022, 149, .	2.5	6
61	Inactivation of Cipc alters the expression of Per1 but not circadian rhythms in mice. Science China Life Sciences, 2015, 58, 368-372.	4.9	4
62	Haploinsufficiency of hnRNP U Changes Activity Pattern and Metabolic Rhythms. American Journal of Pathology, 2018, 188, 173-183.	3.8	4
63	Parathyroidectomy Is Associated With Reversed Nondipping Heart Rate That Impacts Mortality in Chronic Kidney Disease Patients. Endocrine Practice, 2022, 28, 148-158.	2.1	4
64	Time-restricted feeding entrains long-term behavioral changes through the IGF2-KCC2 pathway. IScience, 2022, 25, 104267.	4.1	4
65	Interpretation of the Nobel Prize in Physiology or Medicine 2017. Science China Life Sciences, 2018, 61, 131-134.	4.9	3
66	dbInDel: a database of enhancer-associated insertion and deletion variants by analysis of H3K27ac ChIP-Seq. Bioinformatics, 2020, 36, 1649-1651.	4.1	3
67	Analysis of Diurnal Variations in Heart Rate: Potential Applications for Chronobiology and Cardiovascular Medicine. Frontiers in Physiology, 2022, 13, 835198.	2.8	3
68	Correlated evolution between CK1Î´ Protein and the Serine-rich Motif Contributes to Regulating the Mammalian Circadian Clock. Journal of Biological Chemistry, 2017, 292, 161-171.	3.4	2
69	Long-term SCN calcium signal recording in freely moving mice. STAR Protocols, 2022, 3, 101547.	1.2	1
70	High-throughput discovery of genetic determinants of circadian misalignment. , 2020, 16, e1008577.		0
71	High-throughput discovery of genetic determinants of circadian misalignment. , 2020, 16, e1008577.		0
72	High-throughput discovery of genetic determinants of circadian misalignment. , 2020, 16, e1008577.		0

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73	High-throughput discovery of genetic determinants of circadian misalignment. , 2020, 16, e1008577.		0