

Nobuya Koike

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,249
citations

331670

21
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

4254
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional Architecture and Chromatin Landscape of the Core Circadian Clock in Mammals. <i>Science</i> , 2012, 338, 349-354.	12.6	1,194
2	The Small Molecule Nobiletin Targets the Molecular Oscillator to Enhance Circadian Rhythms and Protect against Metabolic Syndrome. <i>Cell Metabolism</i> , 2016, 23, 610-621.	16.2	380
3	Competing E3 Ubiquitin Ligases Govern Circadian Periodicity by Degradation of CRY in Nucleus and Cytoplasm. <i>Cell</i> , 2013, 152, 1091-1105.	28.9	280
4	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	2.6	237
5	The Human and Mouse Period1 Genes: Five Well-Conserved E-Boxes Additively Contribute to the Enhancement of mPer1 Transcription. <i>Genomics</i> , 2000, 65, 224-233.	2.9	129
6	Molecular assembly of the period-cryptochrome circadian transcriptional repressor complex. <i>ELife</i> , 2014, 3, e03674.	6.0	90
7	Chronic circadian misalignment accelerates immune senescence and abbreviates lifespan in mice. <i>Scientific Reports</i> , 2020, 10, 2569.	3.3	89
8	HDAC5 and Its Target Gene, Npas4, Function in the Nucleus Accumbens to Regulate Cocaine-Conditioned Behaviors. <i>Neuron</i> , 2017, 96, 130-144.e6.	8.1	88
9	<i>Period2</i> 3' UTR and microRNA-24 regulate circadian rhythms by repressing PERIOD2 protein accumulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8855-E8864.	7.1	71
10	Identification of the mammalian homologues of the <i>Drosophila</i> timeless gene, Timeless1. <i>FEBS Letters</i> , 1998, 441, 427-431.	2.8	66
11	Usl1, a suppressor of the circadian Clock mutant, reveals the nature of the DNA-binding of the CLOCK:BMAL1 complex in mice. <i>ELife</i> , 2013, 2, e00426.	6.0	63
12	REV-ERB α and REV-ERB β function as key factors regulating Mammalian Circadian Output. <i>Scientific Reports</i> , 2019, 9, 10171.	3.3	61
13	Transcriptional program of Kpna2/Importin- β 2 regulates cellular differentiation-coupled circadian clock development in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5039-48.	7.1	59
14	Involvement of posttranscriptional regulation of <i>Clock</i> in the emergence of circadian clock oscillation during mouse development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7479-E7488.	7.1	58
15	Cycling Transcriptional Networks Optimize Energy Utilization on a Genome Scale. <i>Cell Reports</i> , 2015, 13, 1868-1880.	6.4	55
16	Ammonia-lowering activities and carbamoyl phosphate synthetase 1 (Cps1) induction mechanism of a natural flavonoid. <i>Nutrition and Metabolism</i> , 2015, 12, 23.	3.0	34
17	Robust circadian clock oscillation and osmotic rhythms in inner medulla reflecting cortico-medullary osmotic gradient rhythm in rodent kidney. <i>Scientific Reports</i> , 2017, 7, 7306.	3.3	31
18	Dual attenuation of proteasomal and autophagic BMAL1 degradation in Clock $^{\Delta 19/+}$ mice contributes to improved glucose homeostasis. <i>Scientific Reports</i> , 2015, 5, 12801.	3.3	30

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19	Cell and tissueâ€™autonomous development of the circadian clock in mouse embryos. FEBS Letters, 2014, 588, 459-465.	2.8	28
20	ChIP-seq and RNA-seq Methods to Study Circadian Control of Transcription in Mammals. Methods in Enzymology, 2015, 551, 285-321.	1.0	26
21	Non-coding cis-element of Period2 is essential for maintaining organismal circadian behaviour and body temperature rhythmicity. Nature Communications, 2019, 10, 2563.	12.8	25
22	The clock modulator Nobiletin mitigates astrogliosisâ€™associated neuroinflammation and disease hallmarks in an Alzheimerâ€™s disease model. FASEB Journal, 2022, 36, e22186.	0.5	23
23	Circadian regulation of chemotherapy-induced peripheral neuropathic pain and the underlying transcriptomic landscape. Scientific Reports, 2020, 10, 13844.	3.3	21
24	Human Circadian Molecular Oscillation Development Using Induced Pluripotent Stem Cells. Journal of Biological Rhythms, 2019, 34, 525-532.	2.6	20
25	Circadian key component CLOCK/BMAL1 interferes with segmentation clock in mouse embryonic organoids. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	17
26	Effect of Multiple Clock Gene Ablations on the Circadian Period Length and Temperature Compensation in Mammalian Cells. Journal of Biological Rhythms, 2016, 31, 48-56.	2.6	15
27	Natural antisense transcript of <i>Period2</i> , <i>Per2AS</i> , regulates the amplitude of the mouse circadian clock. Genes and Development, 2021, 35, 899-913.	5.9	13
28	Disruption of circadian clockwork in in vivo reprogrammingâ€™induced mouse kidney tumors. Genes To Cells, 2018, 23, 60-69.	1.2	12
29	Positive Autoregulation Delays the Expression Phase of Mammalian Clock Gene <i>Per2</i> . PLoS ONE, 2011, 6, e18663.	2.5	10
30	Robust Circadian Rhythm and Parathyroid Hormone-Induced Resetting during Hypertrophic Differentiation in ATDC5 Chondroprogenitor Cells. Acta Histochemica Et Cytochemica, 2015, 48, 165-171.	1.6	9
31	Incremental Growth Lines in Mouse Molar Dentin Represent 8-hr Ultradian Rhythm. Acta Histochemica Et Cytochemica, 2019, 52, 93-99.	1.6	5
32	Comprehensive Analysis Identified the Circadian Clock and Global Circadian Gene Expression in Human Corneal Endothelial Cells. , 2022, 63, 16.		4
33	Quantitative morphometric analysis of molar teeth and alveolar bone using micro-computed tomography in aged mice. Journal of Oral Biosciences, 2021, 63, 265-270.	2.2	2
34	Enhanced metastatic growth after local tumor resection in the presence of synchronous metastasis in a mouse allograft model of neuroblastoma. Pediatric Surgery International, 2019, 35, 1403-1411.	1.4	0