Nobuya Koike

List of Publications by Year
in descending order

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	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
2	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
3	Comprehensive Analysis Identified the Circadian Clock and Global Circadian Gene Expression in Human Corneal Endothelial Cells. , 2022, 63, 16.		4
4	Natural antisense transcript of Period2, Per2AS, regulates the amplitude of the mouse circadian clock. Genes and Development, 2021, 35, 899-913.	5.9	13
5	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
6	Circadian regulation of chemotherapy-induced peripheral neuropathic pain and the underlying transcriptomic landscape. Scientific Reports, 2020, 10, 13844.	3.3	21
7	Chronic circadian misalignment accelerates immune senescence and abbreviates lifespan in mice. Scientific Reports, 2020, 10, 2569.	3.3	89
8	Human Circadian Molecular Oscillation Development Using Induced Pluripotent Stem Cells. Journal of Biological Rhythms, 2019, 34, 525-532.	2.6	20
9	REV-ERBÎ± and REV-ERBÎ² function as key factors regulating Mammalian Circadian Output. Scientific Reports, 2019, 9, 10171.	3.3	61
10	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
11	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
12	Incremental Growth Lines in Mouse Molar Dentin Represent 8-hr Ultradian Rhythm. Acta Histochemica Et Cytochemica, 2019, 52, 93-99.	1.6	5
13	Disruption of circadian clockwork in in vivo reprogrammingâ€induced mouse kidney tumors. Genes To Cells, 2018, 23, 60-69.	1.2	12
14	Period2 3â€²-UTR and microRNA-24 regulate circadian rhythms by repressing PERIOD2 protein accumulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8855-E8864.	7.1	71
15	HDAC5 and Its Target Gene, Npas4, Function in the Nucleus Accumbens to Regulate Cocaine-Conditioned Behaviors. Neuron, 2017, 96, 130-144.e6.	8.1	88
16	Involvement of posttranscriptional regulation of Clock in the emergence of circadian clock oscillation during mouse development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7479-E7488.	7.1	58
17	Robust circadian clock oscillation and osmotic rhythms in inner medulla reflecting cortico-medullary osmotic gradient rhythm in rodent kidney. Scientific Reports, 2017, 7, 7306.	3.3	31
18	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	2.6	237

#	Article	IF	Citations
19	The Small Molecule Nobiletin Targets the Molecular Oscillator to Enhance Circadian Rhythms and Protect against Metabolic Syndrome. Cell Metabolism, 2016, 23, 610-621.	16.2	380
20	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
21	Dual attenuation of proteasomal and autophagic BMAL1 degradation in Clockî”19/+ mice contributes to improved glucose homeostasis. Scientific Reports, 2015, 5, 12801.	3.3	30
22	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
23	Ammonia-lowering activities and carbamoyl phosphate synthetase 1 (Cps1) induction mechanism of a natural flavonoid. Nutrition and Metabolism, 2015, 12, 23.	3.0	34
24	Cycling Transcriptional Networks Optimize Energy Utilization on a Genome Scale. Cell Reports, 2015, 13, 1868-1880.	6.4	55
25	ChIP-seq and RNA-seq Methods to Study Circadian Control of Transcription in Mammals. Methods in Enzymology, 2015, 551, 285-321.	1.0	26
26	Molecular assembly of the period-cryptochrome circadian transcriptional repressor complex. ELife, 2014, 3, e03674.	6.0	90
27	Transcriptional program of Kpna2/Importin-Î±2 regulates cellular differentiation-coupled circadian clock development in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5039-48.	7.1	59
28	Cell and tissueâ€autonomous development of the circadian clock in mouse embryos. FEBS Letters, 2014, 588, 459-465.	2.8	28
29	Competing E3ÂUbiquitin Ligases Govern Circadian Periodicity by Degradation of CRY in Nucleus and Cytoplasm. Cell, 2013, 152, 1091-1105.	28.9	280
30	Usf1, a suppressor of the circadian Clock mutant, reveals the nature of the DNA-binding of the CLOCK:BMAL1 complex in mice. ELife, 2013, 2, e00426.	6.0	63
31	Transcriptional Architecture and Chromatin Landscape of the Core Circadian Clock in Mammals. Science, 2012, 338, 349-354.	12.6	1,194
32	Positive Autoregulation Delays the Expression Phase of Mammalian Clock Gene Per2. PLoS ONE, 2011, 6, e18663.	2.5	10
33	The Human and Mouse Period1 Genes: Five Well-Conserved E-Boxes Additively Contribute to the Enhancement of mPer1 Transcription. Genomics, 2000, 65, 224-233.	2.9	129
34	Identification of the mammalian homologues of the Drosophila timeless gene, Timeless1 1. FEBS Letters, 1998, 441, 427-431.	2.8	66