

# Seung-Hee Yoo

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

8,214  
citations

172457

29  
h-index

233421

45  
g-index

49  
all docs

49  
docs citations

49  
times ranked

7301  
citing authors

#	ARTICLE	IF	CITATIONS
1	PERIOD2::LUCIFERASE real-time reporting of circadian dynamics reveals persistent circadian oscillations in mouse peripheral tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5339-5346.	7.1	2,032
2	Transcriptional Architecture and Chromatin Landscape of the Core Circadian Clock in Mammals. <i>Science</i> , 2012, 338, 349-354.	12.6	1,194
3	Temperature as a Universal Resetting Cue for Mammalian Circadian Oscillators. <i>Science</i> , 2010, 330, 379-385.	12.6	745
4	Bioluminescence Imaging of Individual Fibroblasts Reveals Persistent, Independently Phased Circadian Rhythms of Clock Gene Expression. <i>Current Biology</i> , 2004, 14, 2289-2295.	3.9	614
5	Circadian Mutant Overtime Reveals F-box Protein FBXL3 Regulation of Cryptochrome and Period Gene Expression. <i>Cell</i> , 2007, 129, 1011-1023.	28.9	487
6	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
7	Setting Clock Speed in Mammals: The CK1 $\epsilon$ tau Mutation in Mice Accelerates Circadian Pacemakers by Selectively Destabilizing PERIOD Proteins. <i>Neuron</i> , 2008, 58, 78-88.	8.1	342
8	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
9	A noncanonical E-box enhancer drives mouse Period2 circadian oscillations in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2608-2613.	7.1	272
10	Identification of diverse modulators of central and peripheral circadian clocks by high-throughput chemical screening. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 101-106.	7.1	195
11	The Genomic Landscape and Pharmacogenomic Interactions of Clock Genes in Cancer Chronotherapy. <i>Cell Systems</i> , 2018, 6, 314-328.e2.	6.2	183
12	Nobiletin fortifies mitochondrial respiration in skeletal muscle to promote healthy aging against metabolic challenge. <i>Nature Communications</i> , 2019, 10, 3923.	12.8	123
13	Development and Therapeutic Potential of Small-Molecule Modulators of Circadian Systems. <i>Annual Review of Pharmacology and Toxicology</i> , 2018, 58, 231-252.	9.4	119
14	Comprehensive Characterization of Alternative Polyadenylation in Human Cancer. <i>Journal of the National Cancer Institute</i> , 2018, 110, 379-389.	6.3	111
15	Tissue-specific BMAL1 cistromes reveal that rhythmic transcription is associated with rhythmic enhancer-enhancer interactions. <i>Genes and Development</i> , 2019, 33, 294-309.	5.9	103
16	Chronic circadian misalignment accelerates immune senescence and abbreviates lifespan in mice. <i>Scientific Reports</i> , 2020, 10, 2569.	3.3	89
17	Phosphorylation of LSD1 by PKC $\zeta$ Is Crucial for Circadian Rhythmicity and Phase Resetting. <i>Molecular Cell</i> , 2014, 53, 791-805.	9.7	84
18	Transmissible microbial and metabolomic remodeling by soluble dietary fiber improves metabolic homeostasis. <i>Scientific Reports</i> , 2015, 5, 10604.	3.3	77

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19	Incompatibility of the circadian protein BMAL1 and HNF4 $\beta$ in hepatocellular carcinoma. <i>Nature Communications</i> , 2018, 9, 4349.	12.8	76
20	<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
21	Clock-Enhancing Small Molecules and Potential Applications in Chronic Diseases and Aging. <i>Frontiers in Neurology</i> , 2017, 8, 100.	2.4	66
22	Transcriptional program of Kpna2/Importin- $\beta$ 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
23	Dual-Color Single-Cell Imaging of the Suprachiasmatic Nucleus Reveals a Circadian Role in Network Synchrony. <i>Neuron</i> , 2020, 108, 164-179.e7.	8.1	54
24	Emerging relevance of circadian rhythms in headaches and neuropathic pain. <i>Acta Physiologica</i> , 2019, 225, e13161.	3.8	51
25	Myricetin improves endurance capacity and mitochondrial density by activating SIRT1 and PGC-1 $\beta$ . <i>Scientific Reports</i> , 2017, 7, 6237.	3.3	48
26	Coordinate Regulation of Cholesterol and Bile Acid Metabolism by the Clock Modifier Nobiletin in Metabolically Challenged Old Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4281.	4.1	35
27	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
28	Manipulating the Circadian and Sleep Cycles to Protect Against Metabolic Disease. <i>Frontiers in Endocrinology</i> , 2015, 6, 35.	3.5	31
29	Dual attenuation of proteasomal and autophagic BMAL1 degradation in Clock $\Delta$ <sup>19/+</sup> mice contributes to improved glucose homeostasis. <i>Scientific Reports</i> , 2015, 5, 12801.	3.3	30
30	Effects of the Clock Modulator Nobiletin on Circadian Rhythms and Pathophysiology in Female Mice of an Alzheimer's Disease Model. <i>Biomolecules</i> , 2021, 11, 1004.	4.0	27
31	The clock modulator Nobiletin mitigates astrogliosis-associated neuroinflammation and disease hallmarks in an Alzheimer's disease model. <i>FASEB Journal</i> , 2022, 36, e22186.	0.5	23
32	ROR activation by Nobiletin enhances antitumor efficacy via suppression of $\text{I}\kappa\text{B}/\text{NF-}\kappa\text{B}$ signaling in triple-negative breast cancer. <i>Cell Death and Disease</i> , 2022, 13, 374.	6.3	23
33	Circadian regulation of chemotherapy-induced peripheral neuropathic pain and the underlying transcriptomic landscape. <i>Scientific Reports</i> , 2020, 10, 13844.	3.3	21
34	The case for chronotherapy in Covid-19-induced acute respiratory distress syndrome. <i>British Journal of Pharmacology</i> , 2020, 177, 4845-4850.	5.4	20
35	The GSK-3 $\beta$ -FBXL21 Axis Contributes to Circadian TCAP Degradation and Skeletal Muscle Function. <i>Cell Reports</i> , 2020, 32, 108140.	6.4	19
36	Cluster Headache Is in Part a Disorder of the Circadian System. <i>JAMA Neurology</i> , 2018, 75, 783.	9.0	17

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37	Cardiolipin Synthesis in Skeletal Muscle Is Rhythmic and Modifiable by Age and Diet. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	16
38	Pacemaker-neuron-dependent disturbance of the molecular clockwork by a <i>Drosophila</i> CLOCK mutant homologous to the mouse <i>Clock</i> mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4904-13.	7.1	15
39	Epigenetic inheritance of circadian period in clonal cells. <i>ELife</i> , 2020, 9, .	6.0	14
40	The first-line cluster headache medication verapamil alters the circadian period and elicits sex-specific sleep changes in mice. <i>Chronobiology International</i> , 2021, 38, 839-850.	2.0	13
41	Clock-Modulating Activities of the Anti-Arrhythmic Drug Moricizine. <i>Clocks &amp; Sleep</i> , 2021, 3, 351-365.	2.0	9
42	Hippocampal <i>PER1</i> : a circadian sentinel controlling <i>RSK</i> activity during memory formation. <i>Journal of Neurochemistry</i> , 2016, 138, 650-652.	3.9	5
43	Phase-Resetting Sensitivity of the Suprachiasmatic Nucleus and Oscillator Amplitude. <i>Journal of Biological Rhythms</i> , 2011, 26, 371-373.	2.6	3
44	Circadian regulation of cardiac muscle function and protein degradation. <i>Chronobiology International</i> , 2023, 40, 4-12.	2.0	3
45	A Filtration-based Method of Preparing High-quality Nuclei from Cross-linked Skeletal Muscle for Chromatin Immunoprecipitation. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1
46	Abstract 15771: Genetic and Pharmacological Regulation of Circadian Energy Metabolism. <i>Circulation</i> , 2015, 132, .	1.6	0
47	Elevated Circadian Period 2: A Missing Beneficial Factor in Sickle Cell Disease By Lowering Pulmonary Inflammation, Iron Overload and Mortality. <i>Blood</i> , 2018, 132, 3644-3644.	1.4	0