

Masaaki Ikeda

List of Publications by Year in descending order

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51
papers

2,106
citations

186265

28
h-index

233421

45
g-index

56
all docs

56
docs citations

56
times ranked

2108
citing authors

#	ARTICLE	IF	CITATIONS
1	cDNA Cloning and Tissue-Specific Expression of a Novel Basic Helix-Loop-Helix/PAS Protein (BMAL1) and Identification of Alternatively Spliced Variants with Alternative Translation Initiation Site Usage. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 258-264.	2.1	195
2	Circadian Oscillation of BMAL1, a Partner of a Mammalian Clock Gene Clock, in Rat Suprachiasmatic Nucleus. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 83-87.	2.1	166
3	Mutation screening of the human Clock gene in circadian rhythm sleep disorders. <i>Psychiatry Research</i> , 2002, 109, 121-128.	3.3	131
4	CLOCK/BMAL1 is Involved in Lipid Metabolism via Transactivation of the Peroxisome Proliferator-activated Receptor (PPAR) Response Element. <i>Journal of Atherosclerosis and Thrombosis</i> , 2005, 12, 169-174.	2.0	128
5	Interactivating Feedback Loops within the Mammalian Clock: BMAL1 Is Negatively Autoregulated and Upregulated by CRY1, CRY2, and PER2. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 933-941.	2.1	127
6	Cell-based screen identifies a new potent and highly selective CK2 inhibitor for modulation of circadian rhythms and cancer cell growth. <i>Science Advances</i> , 2019, 5, eaau9060.	10.3	93
7	Multicolor luciferase assay system: one-step monitoring of multiple gene expressions with a single substrate. <i>BioTechniques</i> , 2005, 38, 891-894.	1.8	88
8	Daily variation and light responsiveness of mammalian clock gene, Clock and BMAL1, transcripts in the pineal body and different areas of brain in rats. <i>Neuroscience Letters</i> , 1999, 267, 69-72.	2.1	77
9	Bidirectional role of orphan nuclear receptor ROR α in clock gene transcriptions demonstrated by a novel reporter assay system. <i>FEBS Letters</i> , 2004, 565, 122-126.	2.8	76
10	Clock genes outside the suprachiasmatic nucleus involved in manifestation of locomotor activity rhythm in rats. <i>European Journal of Neuroscience</i> , 2000, 12, 4206-4214.	2.6	62
11	Clock gene expressions in the suprachiasmatic nucleus and other areas of the brain during rhythm splitting in CS mice. <i>Molecular Brain Research</i> , 2001, 87, 92-99.	2.3	58
12	Circadian rhythm and light responsiveness of BMAL1 expression, a partner of mammalian clock gene Clock, in the suprachiasmatic nucleus of rats. <i>Neuroscience Letters</i> , 1998, 258, 93-96.	2.1	55
13	New reporter system for <i>Per1</i> and <i>Bmal1</i> expressions revealed self-sustained circadian rhythms in peripheral tissues. <i>Genes To Cells</i> , 2006, 11, 1173-1182.	1.2	53
14	cDNA Cloning of a Novel bHLH-PAS Transcription Factor Superfamily Gene, BMAL2: Its mRNA Expression, Subcellular Distribution, and Chromosomal Localization. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 493-502.	2.1	50
15	Dual-Color Luciferase Mouse Directly Demonstrates Coupled Expression of Two Clock Genes. <i>Biochemistry</i> , 2010, 49, 8053-8061.	2.5	46
16	Circadian pattern, light responsiveness and localization of rPer1 and rPer2 gene expression in the rat retina. <i>NeuroReport</i> , 2001, 12, 471-475.	1.2	45
17	Allelic Variants of Human Melatonin 1a Receptor: Function and Prevalence in Subjects with Circadian Rhythm Sleep Disorders. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 832-837.	2.1	42
18	Antidepressants and seizure-interactions at the GABA-receptor chloride-ionophore complex. <i>Life Sciences</i> , 1988, 43, 303-307.	4.3	38

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19	Characterization of Three Splice Variants and Genomic Organization of the Mouse BMAL1 Gene. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 760-767.	2.1	38
20	<i>Bmal1</i> Is an Essential Regulator for Circadian Cytosolic Ca ²⁺ Rhythms in Suprachiasmatic Nucleus Neurons. <i>Journal of Neuroscience</i> , 2014, 34, 12029-12038.	3.6	38
21	Phase-dependent induction by light of rat Clock gene expression in the suprachiasmatic nucleus. <i>Molecular Brain Research</i> , 1999, 66, 104-110.	2.3	36
22	In vitro circadian period is associated with circadian/sleep preference. <i>Scientific Reports</i> , 2013, 3, 2074.	3.3	35
23	Simultaneous monitoring of independent gene expression patterns in two types of cocultured fibroblasts with different color-emitting luciferases. <i>BMC Biotechnology</i> , 2008, 8, 40.	3.3	34
24	A Promoter in the Novel Exon of hPPAR δ Directs the Circadian Expression of PPAR δ . <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 73-83.	2.0	34
25	The Impact of HIF1 α on the Per2 Circadian Rhythm in Renal Cancer Cell Lines. <i>PLoS ONE</i> , 2014, 9, e109693.	2.5	32
26	Genetic polymorphisms of human melatonin 1b receptor gene in circadian rhythm sleep disorders and controls. <i>Neuroscience Letters</i> , 2000, 280, 29-32.	2.1	30
27	De novo production of β -2-macroglobulin in cultured astroglia from rat brain. <i>Molecular Brain Research</i> , 1992, 12, 155-161.	2.3	29
28	Circadian rhythms and light responsiveness of mammalian clock gene, Clock and BMAL1, transcripts in the rat retina. <i>Neuroscience Letters</i> , 1999, 271, 1-4.	2.1	29
29	A Dual-Color Luciferase Assay System Reveals Circadian Resetting of Cultured Fibroblasts by Co-Cultured Adrenal Glands. <i>PLoS ONE</i> , 2012, 7, e37093.	2.5	29
30	Statins Activate Human PPAR Promoter and Increase PPAR mRNA Expression and Activation in HepG2 Cells. <i>PPAR Research</i> , 2008, 2008, 1-11.	2.4	23
31	Modulation of GABA-stimulated chloride influx by α -carbolines in rat brain membrane vesicles. <i>Brain Research</i> , 1988, 443, 395-397.	2.2	21
32	Clock genes outside the suprachiasmatic nucleus involved in manifestation of locomotor activity rhythm in rats. <i>European Journal of Neuroscience</i> , 2000, 12, 4206-4214.	2.6	21
33	Establishment of human cell lines showing circadian rhythms of bioluminescence. <i>Neuroscience Letters</i> , 2008, 446, 40-44.	2.1	20
34	A Novel Splicing Variant of Peroxisome Proliferator-Activated Receptor- δ (Ppar δ 1sv) Cooperatively Regulates Adipocyte Differentiation with Ppar δ 2. <i>PLoS ONE</i> , 2013, 8, e65583.	2.5	20
35	Regulation of molecular clock oscillations and phagocytic activity via muscarinic Ca ²⁺ signaling in human retinal pigment epithelial cells. <i>Scientific Reports</i> , 2017, 7, 44175.	3.3	18
36	The interaction of a benzodiazepine receptor antagonist (Ro15 α -1788) with GABA and GABA receptor antagonists at the GABAA receptor chloride-ionophore complex. <i>Neurochemistry International</i> , 1991, 18, 405-410.	3.8	12

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37	Circadian adaptation to cell injury stresses: a crucial interplay of BMAL1 and HSF1. <i>Journal of Physiological Sciences</i> , 2016, 66, 303-306.	2.1	12
38	Prolonged disturbance of proteostasis induces cellular senescence via temporal mitochondrial dysfunction and subsequent mitochondrial accumulation in human fibroblasts. <i>FEBS Journal</i> , 2022, 289, 1650-1667.	4.7	12
39	Amoxapine inhibition of GABA-stimulated chloride conductance: investigations of potential sites of activity. <i>Life Sciences</i> , 1989, 45, 1903-1910.	4.3	11
40	The molecular mechanism regulating the autonomous circadian expression of Topoisomerase I in NIH3T3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 22-27.	2.1	9
41	Relative efficacies of 1,4-diazepines on GABA-stimulated chloride influx in rat brain vesicles. <i>Life Sciences</i> , 1989, 45, 349-358.	4.3	7
42	Mitochondrial LETM1 drives ionic and molecular clock rhythms in circadian pacemaker neurons. <i>Cell Reports</i> , 2022, 39, 110787.	6.4	7
43	Serotonin-induced 5-HT1A receptor desensitization in C6BU-1 glioma cells transfected with 5-HT1A receptor gene. <i>Neuroscience Letters</i> , 1995, 199, 191-194.	2.1	5
44	Real-Time Analysis of the Circadian Oscillation of the Rev-Erb β Promoter. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013, 20, 267-276.	2.0	5
45	miR-222 regulates proliferation of primary mouse hepatocytes in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 644-649.	2.1	4
46	Identification of Two Nickel Ion-Induced Genes, <i>NCI16</i> and <i>Pc GST1</i> , in <i>Paramecium caudatum</i> . <i>Eukaryotic Cell</i> , 2014, 13, 1181-1190.	3.4	2
47	The Molecular Properties of the M1 Muscarinic Receptor and its Regulation of Cytosolic Calcium in a Eukaryotic Gene Expression System. <i>Advances in Experimental Medicine and Biology</i> , 1991, 287, 313-330.	1.6	2
48	Long noncoding RNAs transcribed downstream of the human β -globin locus regulate β -globin gene expression. <i>Journal of Biochemistry</i> , 2022, 171, 287-294.	1.7	1
49	301 THE IMPACT OF HIF1 α /ARNT ON THE PER2 TRANSCRIPTIONAL ACTIVITY IN RENAL CANCER CELLS. <i>Journal of Urology</i> , 2013, 189, .	0.4	0
50	Evaluation of Tenziglipatin Effects on Transcriptional Activity of PPAR β in Cell-Based Assays. <i>Journal of Nippon Medical School</i> , 2018, 85, 95-101.	0.9	0
51	Mitochondrial LETM1 Drives Ionic and Molecular Clock Rhythms in Circadian Pacemaker Neurons. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0