

Masahiro Matsuo

List of Publications by Year in descending order

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33
papers

800
citations

623734

14
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	A light-induced small G-protein gem limits the circadian clock phase-shift magnitude by inhibiting voltage-dependent calcium channels. <i>Cell Reports</i> , 2022, 39, 110844.	6.4	9
2	Screening of sleep apnea based on heart rate variability and long short-term memory. <i>Sleep and Breathing</i> , 2021, 25, 1821-1829.	1.7	19
3	Work Habit-Related Sleep Debt; Insights From Factor Identification Analysis of Actigraphy Data. <i>Frontiers in Public Health</i> , 2021, 9, 630640.	2.7	7
4	Role of δ in Cellular Synchronization of the Suprachiasmatic Nucleus Under Constant Light Conditions. <i>Neuroscience</i> , 2021, 461, 1-10.	2.3	2
5	Bright light exposure augments cognitive behavioral therapy for panic and posttraumatic stress disorders: a pilot randomized control trial. <i>Sleep and Biological Rhythms</i> , 2020, 18, 101-107.	1.0	2
6	Evaluation of Severity Levels of the Athens Insomnia Scale Based on the Criterion of Insomnia Severity Index. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8789.	2.6	36
7	Self-Isolation Due to COVID-19 Is Linked to Small One-Year Changes in Depression, Sleepiness, and Insomnia: Results from a Clinic for Sleep Disorders in Shiga Prefecture, Japan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8971.	2.6	12
8	Resting Heart Rate Variability Is Associated With Subsequent Orthostatic Hypotension: Comparison Between Healthy Older People and Patients With Rapid Eye Movement Sleep Behavior Disorder. <i>Frontiers in Neurology</i> , 2020, 11, 567984.	2.4	7
9	Sleep Spindle Detection Using RUSBoost and Synchrosqueezed Wavelet Transform. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 390-398.	4.9	19
10	Background Music Dependent Reduction of Aversive Perception and Its Relation to P3 Amplitude Reduction and Increased Heart Rate. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 184.	2.0	5
11	Development of a Sleep Apnea Detection Algorithm Using Long Short-Term Memory and Heart Rate Variability. , 2019, 2019, 3964-3967.		1
12	0345 Insomnia Is Associated With Depression And Anxiety In Japanese City Government Employees. <i>Sleep</i> , 2019, 42, A141-A141.	1.1	0
13	Obstructive sleep apnea screening by heart rate variability-based apnea/normal respiration discriminant model. <i>Physiological Measurement</i> , 2019, 40, 125001.	2.1	20
14	Heart Rate Variability-Based Driver Drowsiness Detection and Its Validation With EEG. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1769-1778.	4.2	138
15	Association of different neural processes during different emotional perceptions of white noise and pure tone auditory stimuli. <i>Neuroscience Letters</i> , 2018, 665, 99-103.	2.1	10
16	Quality of life, depression, and productivity of city government employees in Japan: a comparison study using the Athens insomnia scale and insomnia severity index. <i>Sleep Science and Practice</i> , 2018, 2, .	1.3	9
17	Comparison of self-reported scales and structured interviews for the assessment of depression in an urban male working population in Japan: a cross-sectional survey. <i>Sleep Science and Practice</i> , 2017, 1, .	1.3	10
18	Changes in the symptom frequency of rapid eye movement sleep behavior disorder according to disease duration. <i>Sleep Science and Practice</i> , 2017, 1, .	1.3	9

#	ARTICLE	IF	CITATIONS
19	Comparisons of Portable Sleep Monitors of Different Modalities: Potential as Naturalistic Sleep Recorders. <i>Frontiers in Neurology</i> , 2016, 7, 110.	2.4	42
20	Development of sleep apnea syndrome screening algorithm by using heart rate variability analysis and support vector machine. , 2015, 2015, 8165-8.		6
21	Association of sleep-disordered breathing with decreased cognitive function among patients with dementia. <i>Journal of Sleep Research</i> , 2014, 23, 517-523.	3.2	20
22	Development of Diurnal Micturition Pattern in Mice After Weaning. <i>Journal of Urology</i> , 2013, 189, 740-746.	0.4	15
23	RGS2 is a feedback inhibitor of melatonin production in the pineal gland. <i>FEBS Letters</i> , 2013, 587, 1392-1398.	2.8	10
24	Involvement of urinary bladder Connexin43 and the circadian clock in coordination of diurnal micturition rhythm. <i>Nature Communications</i> , 2012, 3, 809.	12.8	116
25	Circadian regulation of intracellular G-protein signalling mediates intercellular synchrony and rhythmicity in the suprachiasmatic nucleus. <i>Nature Communications</i> , 2011, 2, 327.	12.8	123
26	Mammalian circadian clock system: Molecular mechanisms for pharmaceutical and medical sciences. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 876-884.	13.7	47
27	Activation of AMPA Receptors in the Suprachiasmatic Nucleus Phase-Shifts the Mouse Circadian Clock In Vivo and In Vitro. <i>PLoS ONE</i> , 2010, 5, e10951.	2.5	28
28	Circadian expression of the Na ⁺ /H ⁺ exchanger NHE3 in the mouse renal medulla. <i>Biomedical Research</i> , 2009, 30, 87-93.	0.9	25
29	Circadian characteristics of mice depleted with GPR7. <i>Biomedical Research</i> , 2009, 30, 357-364.	0.9	7
30	Muscle-Specific Overexpression of Heparin-Binding Epidermal Growth Factor-Like Growth Factor Increases Peripheral Glucose Disposal and Insulin Sensitivity. <i>Endocrinology</i> , 2009, 150, 2683-2691.	2.8	23
31	Circadian expression of 86- and 84-kDa heat shock proteins in the mouse suprachiasmatic nucleus. <i>Biomedical Research</i> , 2008, 29, 93-98.	0.9	4
32	A novel SNP in hPer2 associates with diurnal preference in a healthy population. <i>Sleep and Biological Rhythms</i> , 2007, 5, 141-145.	1.0	18
33	Low-dose oral risperidone lengthened sleep duration in healthy participants. <i>Sleep and Biological Rhythms</i> , 2007, 5, 277-283.	1.0	1