Michael H Smolensky

List of Publications by Year
in descending order

69	2,561	257101 24	205818 48
papers	citations	h-index	g-index

71	71	71	3109
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elevated asleep blood pressure and non-dipper 24h patterning best predict risk for heart failure that can be averted by bedtime hypertension chronotherapy: A review of the published literature. Chronobiology International, 2023, 40, 63-82.	0.9	4
2	Circadian rhythms of risk factors and management in atherosclerotic and hypertensive vascular disease: Modern chronobiological perspectives of an ancient disease. Chronobiology International, 2023, 40, 33-62.	0.9	5
3	Consideration of nondipping heart rate during ambulatory blood pressure monitoring to improve cardiovascular risk assessment. Response. Revista Espanola De Cardiologia (English Ed), 2022, 75, 356.	0.4	0
4	Ingestion-time differences in the pharmacodynamics of dual-combination hypertension therapies: Systematic review and meta-analysis of published human trials. Chronobiology International, 2022, 39, 493-512.	0.9	6
5	Cardiovascular disease risk stratification by the Framigham score is markedly improved by ambulatory compared with office blood pressure. Revista Espanola De Cardiologia (English Ed), 2021, 74, 953-961.	0.4	4
6	Chronotherapy of cardiac and vascular disease: timing medications to circadian rhythms to optimize treatment effects and outcomes. Current Opinion in Pharmacology, 2021, 57, 41-48.	1.7	27
7	Guidelines for the design and conduct of human clinical trials on ingestion-time differences â€“ chronopharmacology and chronotherapy â€“ of hypertension medications. Chronobiology International, 2021, 38, 1-26.	0.9	22
8	Ingestion-time differences in the pharmacodynamics of hypertension medications: Systematic review of human chronopharmacology trials. Advanced Drug Delivery Reviews, 2021, 170, 200-213.	6.6	20
9	Systematic review and quality evaluation of published human ingestion-time trials of blood pressure-lowering medications and their combinations. Chronobiology International, 2021, 38, 1460-1476.	0.9	9
10	Lowering Nighttime Blood Pressure With Bedtime Dosing of Antihypertensive Medications: Controversies in Hypertensionâ€"Pro Side of the Argument. Hypertension, 2021, 78, 879-893.	1.3	7
11	Commentary on Bowles and Shea: Further perspectives and clinical implications of ingestion-time differences in the efficacy of blood pressure-lowering medications. Sleep Medicine Reviews, 2021, 59, 101540.	3.8	1
12	Extent of asleep blood pressure reduction by hypertension medications is ingestion-time dependent: Systematic review and meta-analysis of published human trials. Sleep Medicine Reviews, 2021, 59, 101454.	3.8	24
13	The Circadian Rhythm of Thermoregulation Modulates both the Sleep/Wake Cycle and 24Âh Pattern of Arterial Blood Pressure. , 2021, 11, 2645-2658.		8
14	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 1: Basic and Translational Aspects. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010181.	2.1	8
15	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 2: Population and Clinical Considerations. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010190.	2.1	3
16	Deep Neural Network Sleep Scoring Using Combined Motion and Heart Rate Variability Data. Sensors, 2021, 21, 25.	2.1	12
17	Performance assessment of new-generation Fitbit technology in deriving sleep parameters and stages. Chronobiology International, 2020, 37, 47-59.	0.9	40
18	Does before-bedtime body warming by bathing or other means attenuate sleep-time arterial blood pressure?. Chronobiology International, 2020, 37, 146-149.	0.9	2

#	Article	IF	Citations
19	Does Timing of Antihypertensive Medication Dosing Matter?. Current Cardiology Reports, 2020, 22, 118.	1.3	14
20	Ingestion-time â€“ relative to circadian rhythms â€“ differences in the pharmacokinetics and pharmacodynamics of hypertension medications. Expert Opinion on Drug Metabolism and Toxicology, 2020, 16, 1159-1173.	1.5	17
21	New perspectives on the definition, diagnosis, and treatment of true arterial hypertension. Expert Opinion on Pharmacotherapy, 2020, 21, 1167-1178.	0.9	10
22	Cronoterapia para reducciÃ³n de riesgo cardiovascular. Medicina ClÃnica, 2020, 154, 505-511.	0.3	4
23	Application of deep learning to improve sleep scoring of wrist actigraphy. Sleep Medicine, 2020, 74, 235-241.	0.8	17
24	Ambulatory blood pressure monitoring-based definition of true arterial hypertension. Minerva Medica, 2020, 111, 573-588.	0.3	12
25	Performance comparison of different interpretative algorithms utilized to derive sleep parameters from wrist actigraphy data. Chronobiology International, 2019, 36, 1752-1760.	0.9	27
26	Diagnosis and management of hypertension: around-the-clock ambulatory blood pressure monitoring is substantially more effective and less costly than daytime office blood pressure measurements. Chronobiology International, 2019, 36, 1515-1527.	0.9	15
27	Working Time Society consensus statements: Psychosocial stressors relevant to the health and wellbeing of night and shift workers. Industrial Health, 2019, 57, 175-183.	0.4	19
28	Before-bedtime passive body heating by warm shower or bath to improve sleep: A systematic review and meta-analysis. Sleep Medicine Reviews, 2019, 46, 124-135.	3.8	50
29	Twenty-four-hour pattern of operations-related injury occurrence and severity of off-site/on-call volunteer French firefighters. Chronobiology International, 2019, 36, 979-992.	0.9	5
30	Accuracy of PurePulse photoplethysmography technology of Fitbit Charge 2 for assessment of heart rate during sleep. Chronobiology International, 2019, 36, 927-933.	0.9	50
31	Gender, socioeconomic, medical, and environmental factors related to domestic accidents of the elderly in Spain. Findings of a national survey. Women and Health, 2019, 59, 985-996.	0.4	3
32	Working Time Society consensus statements: Circadian time structure impacts vulnerability to xenobioticsâ€"relevance to industrial toxicology and nonstandard work schedules. Industrial Health, 2019, 57, 158-174.	0.4	16
33	Accuracy of Wristband Fitbit Models in Assessing Sleep: Systematic Review and Meta-Analysis. Journal of Medical Internet Research, 2019, 21, e16273.	2.1	217
34	Hypertension: New perspective on its definition and clinical management by bedtime therapy substantially reduces cardiovascular disease risk. European Journal of Clinical Investigation, 2018, 48, e12909.	1.7	46
35	Daily, weekly and annual patterns in childrenâ€™s accidental sport injuries*. Chronobiology International, 2018, 35, 597-616.	0.9	5
36	Tribute to Alain Reinberg. Chronobiology International, 2018, 35, 589-596.	0.9	0

#	Article	IF	Citations
37	Sleep-time blood pressure: Unique sensitive prognostic marker of vascular risk and therapeutic target for prevention. Sleep Medicine Reviews, 2017, 33, 17-27.	3.8	48
38	Circadian mechanisms of 24-hour blood pressure regulation and patterning. Sleep Medicine Reviews, 2017, 33, 4-16.	3.8	162
39	Letter by Hermida et al Regarding Article, â€œThe Heartâ€™s Circadian Rhythms Point to Potential Treatment Strategiesâ€: Circulation, 2017, 135, e925-e926.	1.6	0
40	Do night and around-the-clock firefightersâ€™ shift schedules induce deviation in tau from 24 hours of systolic and diastolic blood pressure circadian rhythms?. Chronobiology International, 2017, 34, 1158-1174.	0.9	12
41	Bedtime Blood Pressure Chronotherapy Significantly Improves Hypertension Management. Heart Failure Clinics, 2017, 13, 759-773.	1.0	19
42	Health consequences of electric lighting practices in the modern world: A report on the National Toxicology Program's workshop on shift work at night, artificial light at night, and circadian disruption. Science of the Total Environment, 2017, 607-608, 1073-1084.	3.9	266
43	Bedtime Chronotherapy with Conventional Hypertension Medications to Target Increased Asleep Blood Pressure Results in Markedly Better Chrono prevention of Cardiovascular and Other Risks than Customary On-awakening Therapy. Heart Failure Clinics, 2017, 13, 775-792.	1.0	14
44	Seven-day human biological rhythms: An expedition in search of their origin, synchronization, functional advantage, adaptive value and clinical relevance. Chronobiology International, 2017, 34, 162-191.	0.9	28
45	Perspectives on the relevance of the circadian time structure to workplace threshold limit values and employee biological monitoring. Chronobiology International, 2017, 34, 1439-1464.	0.9	13
46	Blooming rhythms of cactusCereus peruvianuswith nocturnal peak at full moon during seasons of prolonged daytime photoperiod. Chronobiology International, 2016, 33, 419-430.	0.9	16
47	The full moon as a synchronizer of circa-monthly biological rhythms: Chronobiologic perspectives based on multidisciplinary naturalistic research. Chronobiology International, 2016, 33, 465-479.	0.9	26
48	Factors that can alter the melatonin circadian rhythm. Chronobiology International, 2016, 33, 1129-1130.	0.9	2
49	Circadian disruption: New clinical perspective of disease pathology and basis for chronotherapeutic intervention. Chronobiology International, 2016, 33, 1101-1119.	0.9	142
50	Chronotherapy with conventional blood pressure medications improves management of hypertension and reduces cardiovascular and stroke risks. Hypertension Research, 2016, 39, 277-292.	1.5	96
51	Circadian variation of gentamicin toxicity in rats. Laryngoscope, 2015, 125, E252-E256.	1.1	16
52	Nocturnal light pollution and underexposure to daytime sunlight: Complementary mechanisms of circadian disruption and related diseases. Chronobiology International, 2015, 32, 1029-1048.	0.9	98
53	Gentamicin-induced ototoxicity and nephrotoxicity vary with circadian time of treatment and entail separate mechanisms. Chronobiology International, 2015, 32, 1223-1232.	0.9	33
54	Ambulatory Blood Pressure Monitoring (ABPM) asTHEreference standard to confirm diagnosis of hypertension in adults: Recommendation of the 2015 U.S. Preventive Services Task Force (USPSTF). Chronobiology International, 2015, 32, 1320-1322.	0.9	17

#	Article	IF	Citations
55	Ambulatory Blood Pressure Monitoring (ABPM) as the reference standard for diagnosis of hypertension and assessment of vascular risk in adults. Chronobiology International, 2015, 32, 1329-1342.	0.9	56
56	Diurnal and twenty-four hour patterning of human diseases: Cardiac, vascular, and respiratory diseases, conditions, and syndromes. Sleep Medicine Reviews, 2015, 21, 3-11.	3.8	64
57	Diurnal and twenty-four hour patterning of human diseases: acute and chronic common and uncommon medical conditions. Sleep Medicine Reviews, 2015, 21, 12-22.	3.8	92
58	Abnormalities in chronic kidney disease of ambulatory blood pressure 24 h patterning and normalization by bedtime hypertension chronotherapy. Nephrology Dialysis Transplantation, 2014, 29, 1160-1167.	0.4	27
59	Administrationâ€“time-dependent effects of blood pressure-lowering medications: basis for the chronotherapy of hypertension. Blood Pressure Monitoring, 2010, 15, 173-180.	0.4	148
60	Circadian Variation in Stroke Onset: Identical Temporal Pattern in Ischemic and Hemorrhagic Events. Chronobiology International, 2005, 22, 417-453.	0.9	159
61	SEASONAL VARIATION IN THE EFFECT OF A FIXED DOSE OF HEPARIN ON ACTIVATED CLOTTING TIME IN PATIENTS PREPARED FOR OPEN-HEART SURGERY*. Chronobiology International, 2001, 18, 865-873.	0.9	7
62	THE BIRTH OF CHRONOBIOLOGY: JULIEN JOSEPH VIREY 1814. Chronobiology International, 2001, 18, 173-186.	0.9	18
63	DAY-NIGHT VARIATION IN AGGRESSIVE BEHAVIOR AMONG PSYCHIATRIC INPATIENTS. Chronobiology International, 2001, 18, 503-511.	0.9	22
64	CIRCADIAN RHYTHM OF DOUBLE (RATE-PRESSURE) PRODUCT IN HEALTHY NORMOTENSIVE YOUNG SUBJECTS. Chronobiology International, 2001, 18, 475-489.	0.9	76
65	Nocturnal Asthma: Role of Orcadian Rhythms in Its Mechanisms and Therapy. Chronobiology International, 1999, 16, vii-ix.	0.9	4
66	Circadian Rhythms in the Pharmacokinetics and Clinical Effects of Beta-agonist, Theophylline, and Anticholinergic Medications in the Treatment of Nocturnal Asthma. Chronobiology International, 1999, 16, 663-682.	0.9	23
67	Placebo Effect on the Circadian Rhythm Period Ï„ of Temperature and Hand-Grip Strength Rhythms: Interindividual and Gender-Related Difference. Chronobiology International, 1994, 11, 45-53.	0.9	19
68	Seasonal Variations in Socially and Legally Unacceptable Sexual Behaviour. Chronobiology International, 1985, 2, 203-208.	0.9	8
69	Temporal Patterns of Reported Single-Vehicle Car and Truck Accidents in Texas, U.S.A. During 1980-1983. Chronobiology International, 1985, 2, 131-140.	0.9	99