Robert T Krafty

List of Publications by Year
in descending order

57 papers	1,309 citations	489802 18 h-index	445137 33 g-index
59 all docs	59 docs citations	59 times ranked	2061 citing authors

#	ARTICLE	IF	CITATIONS
1	Activity patterns related to depression symptoms in stressed dementia caregivers. International Psychogeriatrics, 2023, 35, 373-380.	0.6	12
2	Spectra in low‑rank localized layers (SpeLLL) for interpretable time–frequency analysis. Biometrics, 2023, 79, 304-318.	0.8	0
3	A lifespan perspective on depression in the postpartum period in a racially and socioeconomically diverse sample of young mothers. Psychological Medicine, 2023, 53, 4415-4423.	2.7	3
4	Comparing polysomnography, actigraphy, and sleep diary in the home environment: The Study of Women's Health Across the Nation (SWAN) Sleep Study. SLEEP Advances, 2022, 3, zpac001.	0.1	35
5	Profiles of Accelerometry-Derived Physical Activity Are Related to Perceived Physical Fatigability in Older Adults. Sensors, 2021, 21, 1718.	2.1	2
6	Cardiac vagal control in response to acute stress during pregnancy: Associations with life stress and emotional support. Psychophysiology, 2021, 58, e13808.	1.2	10
7	Adaptive Bayesian Spectral Analysis of High-Dimensional Nonstationary Time Series. Journal of Computational and Graphical Statistics, 2021, 30, 794-807.	0.9	1
8	Evaluating the timing of differences in activity related to depression symptoms across adulthood in the United States. Journal of Affective Disorders, 2021, 284, 64-68.	2.0	8
9	Interpretable principal component analysis for multilevel multivariate functional data. Biostatistics, 2021, , .	0.9	1
10	Longitudinal Association Between Depressive Symptoms and Multidimensional Sleep Health: The SWAN Sleep Study. Annals of Behavioral Medicine, 2021, 55, 641-652.	1.7	13
11	Empirical Frequency Band Analysis of Nonstationary Time Series. Journal of the American Statistical Association, 2020, 115, 1933-1945.	1.8	2
12	White Matter Integrity Underlying Depressive Symptoms in Dementia Caregivers. American Journal of Geriatric Psychiatry, 2020, 28, 578-582.	0.6	2
13	The association between physical activity and a composite measure of sleep health. Sleep and Breathing, 2020, 24, 1207-1214.	0.9	13
14	Alcohol Use Trajectories Before and After Pregnancy Among Adolescent and Young Adult Mothers. Alcoholism: Clinical and Experimental Research, 2020, 44, 1675-1685.	1.4	2
15	Evening chronotype, alcohol use disorder severity, and emotion regulation in college students. Chronobiology International, 2020, 37, 1725-1735.	0.9	16
16	Resting-State Function Connectivity Associated With Being a "Morning-Type" Dementia Caregiver and Having Lower Depression Symptom Severity. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 76, 1071-1076.	2.4	5
17	A Systematic Review of Evidence for a Role of Rest-Activity Rhythms in Dementia. Frontiers in Psychiatry, 2019, 10, 778.	1.3	21
18	Incorporating Prior Information with Fused Sparse Group Lasso: Application to Prediction of Clinical Measures from Neuroimages. Biometrics, 2019, 75, 1299-1309.	0.8	13

#	Article	IF	Citations
19	Measuring Variability in Rest-Activity Rhythms from Actigraphy with Application to Characterizing Symptoms of Depression. Statistics in Biosciences, 2019, 11, 314-333.	0.6	13
20	Prospective associations among objectively and subjectively assessed sleep and the metabolic syndrome. Sleep Medicine, 2019, 58, 1-6.	0.8	15
21	Adaptive Bayesian Time–Frequency Analysis of Multivariate Time Series. Journal of the American Statistical Association, 2019, 114, 453-465.	1.8	19
22	Measuring Variability in Rest-Activity Rhythms from Actigraphy with Application to Characterizing Symptoms of Depression. Statistics in Biosciences, 2019, 11, 314-333.	0.6	7
23	Cardiovascular Stress Reactivity and Carotid Intima-Media Thickness: The Buffering Role of Slow-Wave Sleep. Psychosomatic Medicine, 2018, 80, 301-306.	1.3	9
24	Rest-activity rhythm profiles associated with manic-hypomanic and depressive symptoms. Journal of Psychiatric Research, 2018, 102, 238-244.	1.5	23
25	Conditional Adaptive Bayesian Spectral Analysis of Nonstationary Biomedical Time Series. Biometrics, 2018, 74, 260-269.	0.8	15
26	The Relationship Between Childhood Trauma and Poor Sleep Health in Adulthood. Psychosomatic Medicine, 2018, 80, 200-207.	1.3	79
27	Rest-activity rhythms characteristics and seasonal changes in seasonal affective disorder. Chronobiology International, 2018, 35, 1553-1559.	0.9	7
28	Conditional Spectral Analysis of Replicated Multiple Time Series With Application to Nocturnal Physiology. Journal of the American Statistical Association, 2017, 112, 1405-1416.	1.8	17
29	Rest–activity rhythm and sleep characteristics associated with depression symptom severity in strained dementia caregivers. Journal of Sleep Research, 2017, 26, 718-725.	1.7	22
30	Associations of sedentary time and moderate-vigorous physical activity with sleep-disordered breathing and polysomnographic sleep in community-dwelling adults. Sleep and Breathing, 2017, 21, 427-434.	0.9	12
31	Non-parametric MANOVA approaches for non-normal multivariate outcomes with missing values. Communications in Statistics - Theory and Methods, 2017, 46, 7188-7200.	0.6	16
32	Support vector machines for automated snoring detection: proof-of-concept. Sleep and Breathing, 2017, 21, 119-133.	0.9	8
33	Maintenance of Mest imprinted methylation in blastocyst-stage mouse embryos is less stable than other imprinted loci following superovulation or embryo culture. Environmental Epigenetics, 2017, 3, dvx015.	0.9	21
34	Objective Sleep Duration Is Prospectively Associated With Endothelial Health. Sleep, 2017, 40, .	0.6	19
35	Trend Analyses of Users of a Syringe Exchange Program in Philadelphia, Pennsylvania: 1999–2014. AIDS and Behavior, 2016, 20, 2922-2932.	1.4	6
36	Discriminant Analysis of Time Series in the Presence of Within–Group Spectral Variability. Journal of Time Series Analysis, 2016, 37, 435-450.	0.7	13

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37	Avoidant Coping and Poor Sleep Efficiency in Dementia Caregivers. Psychosomatic Medicine, 2015, 77, 1050-1057.	1.3	26
38	Chronic Stress is Prospectively Associated with Sleep in Midlife Women: The SWAN Sleep Study. Sleep, 2015, 38, 1645-1654.	0.6	99
39	Time‐varying correlations between delta <scp>EEG</scp> power and heart rate variability in midlife women: The <scp>SWAN S</scp>leep <scp>S</scp>tudy. Psychophysiology, 2015, 52, 572-584.	1.2	33
40	A 24-hour Approach to the Study of Health Behaviors: Temporal Relationships Between Waking Health Behaviors and Sleep. Annals of Behavioral Medicine, 2014, 47, 189-197.	1.7	33
41	Nonparametric spectral analysis of heart rate variability through penalized sum of squares. Statistics in Medicine, 2014, 33, 1383-1394.	0.8	9
42	Penalized multivariate Whittle likelihood for power spectrum estimation. Biometrika, 2013, 100, 447-458.	1.3	25
43	Racial Differences in Heart Rate Variability During Sleep in Women. Psychosomatic Medicine, 2013, 75, 783-790.	1.3	18
44	Canonical correlation analysis between time series and static outcomes, with application to the spectral analysis of heart rate variability. Annals of Applied Statistics, 2013, 7, 570-587.	0.5	8
45	Consistently High Sports/Exercise Activity Is Associated with Better Sleep Quality, Continuity and Depth in Midlife Women: The SWAN Sleep Study. Sleep, 2013, 36, 1279-1288.	0.6	62
46	Trends in Survival and Early Functional Outcomes From Hospitalized Severe Adult Traumatic Brain Injuries, Pennsylvania, 1998 to 2007. Journal of Head Trauma Rehabilitation, 2012, 27, 159-169.	1.0	12
47	Bayesian semi-parametric analysis of Poisson change-point regression models: application to policy-making in Cali, Colombia. Journal of Applied Statistics, 2012, 39, 2285-2298.	0.6	14
48	Short-Term Stability of Sleep and Heart Rate Variability in Good Sleepers and Patients with Insomnia: For Some Measures, One Night is Enough. Sleep, 2012, 35, 1285-1291.	0.6	85
49	Chronotype and diurnal patterns of positive affect and affective neural circuitry in primary insomnia. Journal of Sleep Research, 2012, 21, 515-526.	1.7	64
50	Enveloping spectral surfaces: covariate dependent spectral analysis of categorical time series. Journal of Time Series Analysis, 2012, 33, 797-806.	0.7	3
51	Policies for alcohol restriction and their association with interpersonal violence: a time-series analysis of homicides in Cali, Colombia. International Journal of Epidemiology, 2011, 40, 1037-1046.	0.9	50
52	Functional mixed effects spectral analysis. Biometrika, 2011, 98, 583-598.	1.3	28
53	What constitutes too long of a delay? Determining the cortisol awakening response (CAR) using self-report and PSG-assessed wake time. Psychoneuroendocrinology, 2010, 35, 460-468.	1.3	76
54	Homicide and geographic access to gun dealers in the United States. BMC Public Health, 2009, 9, 199.	1.2	33

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55	Varying Coefficient Model with Unknown Within-Subject Covariance for Analysis of Tumor Growth Curves. Biometrics, 2008, 64, 1023-1031.	0.8	14
56	Should tumor VEGF expression influence decisions on combining low-dose chemotherapy with antiangiogenic therapy? Preclinical modeling in ovarian cancer. Journal of Translational Medicine, 2008, 6, 2.	1.8	19
57	Risk factors for development of acute laminitis in horses during hospitalization: 73 cases (1997–2004). Journal of the American Veterinary Medical Association, 2007, 230, 885-889.	0.2	117