

# Robert T Krafty

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,309  
citations

430874

18  
h-index

395702

33  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk factors for development of acute laminitis in horses during hospitalization: 73 cases (1997â€“2004). <i>Journal of the American Veterinary Medical Association</i> , 2007, 230, 885-889.	0.5	117
2	Chronic Stress is Prospectively Associated with Sleep in Midlife Women: The SWAN Sleep Study. <i>Sleep</i> , 2015, 38, 1645-1654.	1.1	99
3	Short-Term Stability of Sleep and Heart Rate Variability in Good Sleepers and Patients with Insomnia: For Some Measures, One Night is Enough. <i>Sleep</i> , 2012, 35, 1285-1291.	1.1	85
4	The Relationship Between Childhood Trauma and Poor Sleep Health in Adulthood. <i>Psychosomatic Medicine</i> , 2018, 80, 200-207.	2.0	79
5	What constitutes too long of a delay? Determining the cortisol awakening response (CAR) using self-report and PSG-assessed wake time. <i>Psychoneuroendocrinology</i> , 2010, 35, 460-468.	2.7	76
6	Chronotype and diurnal patterns of positive affect and affective neural circuitry in primary insomnia. <i>Journal of Sleep Research</i> , 2012, 21, 515-526.	3.2	64
7	Consistently High Sports/Exercise Activity Is Associated with Better Sleep Quality, Continuity and Depth in Midlife Women: The SWAN Sleep Study. <i>Sleep</i> , 2013, 36, 1279-1288.	1.1	62
8	Policies for alcohol restriction and their association with interpersonal violence: a time-series analysis of homicides in Cali, Colombia. <i>International Journal of Epidemiology</i> , 2011, 40, 1037-1046.	1.9	50
9	Comparing polysomnography, actigraphy, and sleep diary in the home environment: The Study of Womenâ€™s Health Across the Nation (SWAN) Sleep Study. <i>SLEEP Advances</i> , 2022, 3, zpac001.	0.2	35
10	Homicide and geographic access to gun dealers in the United States. <i>BMC Public Health</i> , 2009, 9, 199.	2.9	33
11	A 24-hour Approach to the Study of Health Behaviors: Temporal Relationships Between Waking Health Behaviors and Sleep. <i>Annals of Behavioral Medicine</i> , 2014, 47, 189-197.	2.9	33
12	Time-varying correlations between delta EEG power and heart rate variability in midlife women: The SWAN Sleep Study. <i>Psychophysiology</i> , 2015, 52, 572-584.	2.4	33
13	Functional mixed effects spectral analysis. <i>Biometrika</i> , 2011, 98, 583-598.	2.4	28
14	Avoidant Coping and Poor Sleep Efficiency in Dementia Caregivers. <i>Psychosomatic Medicine</i> , 2015, 77, 1050-1057.	2.0	26
15	Penalized multivariate Whittle likelihood for power spectrum estimation. <i>Biometrika</i> , 2013, 100, 447-458.	2.4	25
16	Rest-activity rhythm profiles associated with manic-hypomanic and depressive symptoms. <i>Journal of Psychiatric Research</i> , 2018, 102, 238-244.	3.1	23
17	Rest-activity rhythm and sleep characteristics associated with depression symptom severity in strained dementia caregivers. <i>Journal of Sleep Research</i> , 2017, 26, 718-725.	3.2	22
18	Maintenance of Mest imprinted methylation in blastocyst-stage mouse embryos is less stable than other imprinted loci following superovulation or embryo culture. <i>Environmental Epigenetics</i> , 2017, 3, dxv015.	1.8	21

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19	A Systematic Review of Evidence for a Role of Rest-Activity Rhythms in Dementia. <i>Frontiers in Psychiatry</i> , 2019, 10, 778.	2.6	21
20	Should tumor VEGF expression influence decisions on combining low-dose chemotherapy with antiangiogenic therapy? Preclinical modeling in ovarian cancer. <i>Journal of Translational Medicine</i> , 2008, 6, 2.	4.4	19
21	Objective Sleep Duration Is Prospectively Associated With Endothelial Health. <i>Sleep</i> , 2017, 40, .	1.1	19
22	Adaptive Bayesian Time-Frequency Analysis of Multivariate Time Series. <i>Journal of the American Statistical Association</i> , 2019, 114, 453-465.	3.1	19
23	Racial Differences in Heart Rate Variability During Sleep in Women. <i>Psychosomatic Medicine</i> , 2013, 75, 783-790.	2.0	18
24	Conditional Spectral Analysis of Replicated Multiple Time Series With Application to Nocturnal Physiology. <i>Journal of the American Statistical Association</i> , 2017, 112, 1405-1416.	3.1	17
25	Non-parametric MANOVA approaches for non-normal multivariate outcomes with missing values. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 7188-7200.	1.0	16
26	Evening chronotype, alcohol use disorder severity, and emotion regulation in college students. <i>Chronobiology International</i> , 2020, 37, 1725-1735.	2.0	16
27	Conditional Adaptive Bayesian Spectral Analysis of Nonstationary Biomedical Time Series. <i>Biometrics</i> , 2018, 74, 260-269.	1.4	15
28	Prospective associations among objectively and subjectively assessed sleep and the metabolic syndrome. <i>Sleep Medicine</i> , 2019, 58, 1-6.	1.6	15
29	Varying Coefficient Model with Unknown Within-Subject Covariance for Analysis of Tumor Growth Curves. <i>Biometrics</i> , 2008, 64, 1023-1031.	1.4	14
30	Bayesian semi-parametric analysis of Poisson change-point regression models: application to policy-making in Cali, Colombia. <i>Journal of Applied Statistics</i> , 2012, 39, 2285-2298.	1.3	14
31	Discriminant Analysis of Time Series in the Presence of Within-Group Spectral Variability. <i>Journal of Time Series Analysis</i> , 2016, 37, 435-450.	1.2	13
32	Incorporating Prior Information with Fused Sparse Group Lasso: Application to Prediction of Clinical Measures from Neuroimages. <i>Biometrics</i> , 2019, 75, 1299-1309.	1.4	13
33	Measuring Variability in Rest-Activity Rhythms from Actigraphy with Application to Characterizing Symptoms of Depression. <i>Statistics in Biosciences</i> , 2019, 11, 314-333.	1.2	13
34	The association between physical activity and a composite measure of sleep health. <i>Sleep and Breathing</i> , 2020, 24, 1207-1214.	1.7	13
35	Longitudinal Association Between Depressive Symptoms and Multidimensional Sleep Health: The SWAN Sleep Study. <i>Annals of Behavioral Medicine</i> , 2021, 55, 641-652.	2.9	13
36	Trends in Survival and Early Functional Outcomes From Hospitalized Severe Adult Traumatic Brain Injuries, Pennsylvania, 1998 to 2007. <i>Journal of Head Trauma Rehabilitation</i> , 2012, 27, 159-169.	1.7	12

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37	Associations of sedentary time and moderate-vigorous physical activity with sleep-disordered breathing and polysomnographic sleep in community-dwelling adults. <i>Sleep and Breathing</i> , 2017, 21, 427-434.	1.7	12
38	Activity patterns related to depression symptoms in stressed dementia caregivers. <i>International Psychogeriatrics</i> , 2023, 35, 373-380.	1.0	12
39	Cardiac vagal control in response to acute stress during pregnancy: Associations with life stress and emotional support. <i>Psychophysiology</i> , 2021, 58, e13808.	2.4	10
40	Nonparametric spectral analysis of heart rate variability through penalized sum of squares. <i>Statistics in Medicine</i> , 2014, 33, 1383-1394.	1.6	9
41	Cardiovascular Stress Reactivity and Carotid Intima-Media Thickness: The Buffering Role of Slow-Wave Sleep. <i>Psychosomatic Medicine</i> , 2018, 80, 301-306.	2.0	9
42	Canonical correlation analysis between time series and static outcomes, with application to the spectral analysis of heart rate variability. <i>Annals of Applied Statistics</i> , 2013, 7, 570-587.	1.1	8
43	Support vector machines for automated snoring detection: proof-of-concept. <i>Sleep and Breathing</i> , 2017, 21, 119-133.	1.7	8
44	Evaluating the timing of differences in activity related to depression symptoms across adulthood in the United States. <i>Journal of Affective Disorders</i> , 2021, 284, 64-68.	4.1	8
45	Rest-activity rhythms characteristics and seasonal changes in seasonal affective disorder. <i>Chronobiology International</i> , 2018, 35, 1553-1559.	2.0	7
46	Measuring Variability in Rest-Activity Rhythms from Actigraphy with Application to Characterizing Symptoms of Depression. <i>Statistics in Biosciences</i> , 2019, 11, 314-333.	1.2	7
47	Trend Analyses of Users of a Syringe Exchange Program in Philadelphia, Pennsylvania: 1999-2014. <i>AIDS and Behavior</i> , 2016, 20, 2922-2932.	2.7	6
48	Resting-State Function Connectivity Associated With Being a "Morning-Type" Dementia Caregiver and Having Lower Depression Symptom Severity. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020, 76, 1071-1076.	3.9	5
49	Enveloping spectral surfaces: covariate dependent spectral analysis of categorical time series. <i>Journal of Time Series Analysis</i> , 2012, 33, 797-806.	1.2	3
50	A lifespan perspective on depression in the postpartum period in a racially and socioeconomically diverse sample of young mothers. <i>Psychological Medicine</i> , 2023, 53, 4415-4423.	4.5	3
51	Empirical Frequency Band Analysis of Nonstationary Time Series. <i>Journal of the American Statistical Association</i> , 2020, 115, 1933-1945.	3.1	2
52	White Matter Integrity Underlying Depressive Symptoms in Dementia Caregivers. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 578-582.	1.2	2
53	Alcohol Use Trajectories Before and After Pregnancy Among Adolescent and Young Adult Mothers. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 1675-1685.	2.4	2
54	Profiles of Accelerometry-Derived Physical Activity Are Related to Perceived Physical Fatigability in Older Adults. <i>Sensors</i> , 2021, 21, 1718.	3.8	2

#	ARTICLE	IF	CITATIONS
55	Adaptive Bayesian Spectral Analysis of High-Dimensional Nonstationary Time Series. Journal of Computational and Graphical Statistics, 2021, 30, 794-807.	1.7	1
56	Interpretable principal component analysis for multilevel multivariate functional data. Biostatistics, 2021, , .	1.5	1
57	Spectra in low-rank localized layers (SpeLL) for interpretable time-frequency analysis. Biometrics, 2023, 79, 304-318.	1.4	0