

# Jan F Kraemer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1211189/publications.pdf>

Version: 2024-02-01

18  
papers

493  
citations

840776

11  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulations of Heart Rate, ECG, and Cardio-Respiratory Coupling Observed in Polysomnography. <i>Frontiers in Physiology</i> , 2016, 7, 460.	2.8	129
2	Causality in physiological signals. <i>Physiological Measurement</i> , 2016, 37, R46-R72.	2.1	46
3	Cardio-Respiratory Coordination Increases during Sleep Apnea. <i>PLoS ONE</i> , 2014, 9, e93866.	2.5	45
4	Heart rate variability feature selection in the presence of sleep apnea: An expert system for the characterization and detection of the disorder. <i>Computers in Biology and Medicine</i> , 2017, 91, 47-58.	7.0	44
5	Oxygen Saturation and RR Intervals Feature Selection for Sleep Apnea Detection. <i>Entropy</i> , 2015, 17, 2932-2957.	2.2	43
6	Heart rate variability during wakefulness as a marker of obstructive sleep apnea severity. <i>Sleep</i> , 2021, 44, .	1.1	34
7	The Different Facets of Heart Rate Variability in Obstructive Sleep Apnea. <i>Frontiers in Psychiatry</i> , 2021, 12, 642333.	2.6	26
8	Transportation noise impairs cardiovascular function without altering sleep: The importance of autonomic arousals. <i>Environmental Research</i> , 2020, 182, 109086.	7.5	24
9	On the difference of cardiorespiratory synchronisation and coordination. <i>Chaos</i> , 2017, 27, 093933.	2.5	22
10	Cardiovascular regulation in different sleep stages in the obstructive sleep apnea syndrome. <i>Biomedizinische Technik</i> , 2011, 56, 207-213.	0.8	16
11	Reliability of heart-rate-variability features derived from ultra-short ECG recordings and their validity in the assessment of cardiac autonomic neuropathy. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102651.	5.7	13
12	Quantifying Effects of Pharmacological Blockers of Cardiac Autonomous Control Using Variability Parameters. <i>Frontiers in Physiology</i> , 2017, 8, 10.	2.8	11
13	Screening for Obstructive Sleep Apnea in Commercial Drivers Using EKG-Derived Respiratory Power Index. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 23-32.	2.6	9
14	Increased cardiorespiratory coordination in preeclampsia. <i>Physiological Measurement</i> , 2017, 38, 912-924.	2.1	7
15	Is dynamic desaturation better than a static index to quantify the mortality risk in heart failure patients with Cheyne-Stokes respiration?. <i>Chaos</i> , 2018, 28, 106312.	2.5	7
16	Angiotensin-(1-7) Receptor Mas in Hemodynamic and Thermoregulatory Dysfunction After High-Level Spinal Cord Injury in Mice: A Pilot Study. <i>Frontiers in Physiology</i> , 2018, 9, 1930.	2.8	6
17	Instantaneous Cardiac Baroreflex Sensitivity: xBRS Method Quantifies Heart Rate Blood Pressure Variability Ratio at Rest and During Slow Breathing. <i>Frontiers in Neuroscience</i> , 2020, 14, 547433.	2.8	6
18	Cardiac Autonomic Dysfunction and Incidence of de novo Atrial Fibrillation: Heart Rate Variability vs. Heart Rate Complexity. <i>Frontiers in Physiology</i> , 2020, 11, 596844.	2.8	5