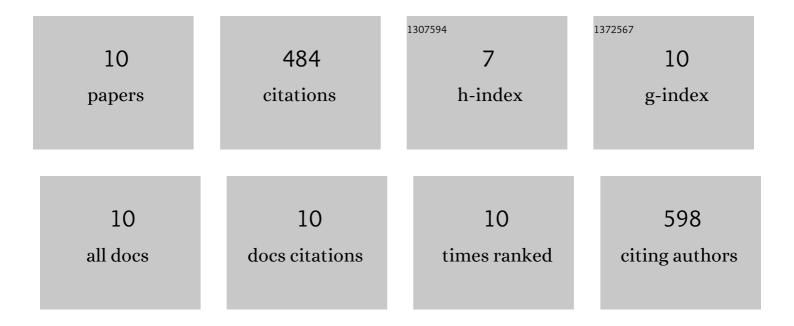
Janina Hesse

List of Publications by Year in descending order

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IANINA HESSE

#	Article	IF	CITATIONS
1	Temperature elevations can induce switches to homoclinic action potentials that alter neural encoding and synchronization. Nature Communications, 2022, 13, .	12.8	7
2	Diurnal variations in the expression of core-clock genes correlate with resting muscle properties and predict fluctuations in exercise performance across the day. BMJ Open Sport and Exercise Medicine, 2021, 7, e000876.	2.9	25
3	Long-term continuous positive airway pressure treatment ameliorates biological clock disruptions in obstructive sleep apnea. EBioMedicine, 2021, 65, 103248.	6.1	18
4	Firing statistics in the bistable regime of neurons with homoclinic spike generation. Physical Review E, 2021, 103, 012407.	2.1	8
5	A mathematical model of the circadian clock and drug pharmacology to optimize irinotecan administration timing in colorectal cancer. Computational and Structural Biotechnology Journal, 2021, 19, 5170-5183.	4.1	25
6	An Optimal Time for Treatment—Predicting Circadian Time by Machine Learning and Mathematical Modelling. Cancers, 2020, 12, 3103.	3.7	25
7	How to correctly quantify neuronal phase-response curves from noisy recordings. Journal of Computational Neuroscience, 2019, 47, 17-30.	1.0	3
8	Qualitative changes in phase-response curve and synchronization at the saddle-node-loop bifurcation. Physical Review E, 2017, 95, 052203.	2.1	23
9	Externalization of neuronal somata as an evolutionary strategy for energy economization. Current Biology, 2015, 25, R324-R325.	3.9	15
10	Self-organized criticality as a fundamental property of neural systems. Frontiers in Systems Neuroscience, 2014, 8, 166.	2.5	335