

Srinivas Laxminarayan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

357
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	PC-PVT: A platform for psychomotor vigilance task testing, analysis, and prediction. Behavior Research Methods, 2014, 46, 140-147.	4.0	110
2	An attempt to identify reproducible high-density EEG markers of PTSD during sleep. Sleep, 2020, 43, .	1.1	44
3	An increase in sleep slow waves predicts better working memory performance in healthy individuals. NeuroImage, 2019, 191, 1-9.	4.2	38
4	Can a mathematical model predict an individual's trait-like response to both total and partial sleep loss?. Journal of Sleep Research, 2015, 24, 262-269.	3.2	27
5	Dose-dependent model of caffeine effects on human vigilance during total sleep deprivation. Journal of Theoretical Biology, 2014, 358, 11-24.	1.7	24
6	Use of a Food and Drug Administration-Approved Type 1 Diabetes Mellitus Simulator to Evaluate and Optimize a Proportional-Integral-Derivative Controller. Journal of Diabetes Science and Technology, 2012, 6, 1401-1412.	2.2	23
7	Real-time individualization of the unified model of performance. Journal of Sleep Research, 2017, 26, 820-831.	3.2	22
8	Bolus Estimation—Rethinking the Effect of Meal Fat Content. Diabetes Technology and Therapeutics, 2015, 17, 860-866.	4.4	20
9	A biomathematical model of the restoring effects of caffeine on cognitive performance during sleep deprivation. Journal of Theoretical Biology, 2013, 319, 23-33.	1.7	18
10	Human core temperature prediction for heat-injury prevention. IEEE Journal of Biomedical and Health Informatics, 2014, 19, 1-1.	6.3	12
11	Effects of signal artefacts on electroencephalography spectral power during sleep: quantifying the effectiveness of automated artefact-rejection algorithms. Journal of Sleep Research, 2018, 27, 98-102.	3.2	10
12	Modeling habituation in rat EEG-evoked responses via a neural mass model with feedback. Biological Cybernetics, 2011, 105, 371-397.	1.3	5
13	Individualized performance prediction during total sleep deprivation: Accounting for trait vulnerability to sleep loss. , 2012, 2012, 5574-7.		3
14	Individuals with and without military-related PTSD differ in subjective sleepiness and alertness but not objective sleepiness. Journal of Psychiatric Research, 2021, 141, 301-308.	3.1	1