

# Nicholas J Napoli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6736320/publications.pdf>

Version: 2024-02-01

21  
papers

133  
citations

1478505

6  
h-index

1474206

9  
g-index

21  
all docs

21  
docs citations

21  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Cognitive States during Flight Simulation using Multimodal Psychophysiological Sensing. , 2017, , .		27
2	An EMG comparative analysis of quadriceps during isoinertial strength training using nonlinear scaled wavelets. Human Movement Science, 2015, 40, 134-153.	1.4	17
3	Uncertainty in heart rate complexity metrics caused by R-peak perturbations. Computers in Biology and Medicine, 2018, 103, 198-207.	7.0	17
4	<i>Outcomes after Falls Continue to Worsen Despite Trauma and Geriatric Care Advancements</i>. American Surgeon, 2018, 84, 392-397.	0.8	15
5	Relative Mortality Analysis Of The “Golden Hour” A Comprehensive Acuity Stratification Approach To Address Disagreement In Current Literature. Prehospital Emergency Care, 2019, 23, 254-262.	1.8	10
6	Developing Predictive Athletic Performance Models for Informative Training Regimens. , 2019, , .		8
7	The Restorative Health Benefits of a Tactical Urban Intervention: An Urban Waterfront Study. Frontiers in Built Environment, 2019, 5, .	2.3	8
8	Activation Complexity: A Cognitive Impairment Tool for Characterizing Neuro-isolation. Scientific Reports, 2020, 10, 3909.	3.3	6
9	A MapReduce framework to improve template matching uncertainty. , 2016, , .		5
10	Exploring Cognitive States: Temporal Methods for Detecting and Characterizing Physiological Fingerprints. , 2020, , .		4
11	Postcardiac Arrest Neuroprognostication Practices: A Survey of Brazilian Physicians. , 2021, 3, e0321.		3
12	Characterizing and Modeling Breathing Dynamics: Flow Rate, Rhythm, Period, and Frequency. Frontiers in Physiology, 2021, 12, 772295.	2.8	3
13	Detecting High-Risk Anomalies in Aircraft Dynamics Through Entropic Analysis of Time Series Data. , 2022, , .		3
14	Relative mortality analysis: A new tool to evaluate clinical performance in trauma centers. IJSE Transactions on Healthcare Systems Engineering, 2017, 7, 181-191.	1.7	2
15	Analysis of communication patterns in critical care environments. , 2014, , .		1
16	Analysis and Evaluation of Clinical Communication in the Surgical Intensive Care Unit. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2014, 3, 142-147.	0.3	1
17	Addressing bias from non-random missing attributes in health data. , 2017, , .		1
18	Combinational spectral band activation complexity: Uncovering hidden neuromuscular firing dynamics in EMG. Biomedical Signal Processing and Control, 2021, 70, 102891.	5.7	1

#	ARTICLE	IF	CITATIONS
19	Exploring inspiratory occlusion metrics to assess respiratory drive in patients under acute intermittent hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2022, 304, 103922.	1.6	1
20	A design framework for evaluating changes in clinical communication systems. , 2015, , .		0
21	Estimating Core Body Temperature Under Extreme Environments Using Kalman Filtering. , 2022, , .		0