

Joseph K Nuamah

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

222
citations

1306789

7
h-index

1125271

13
g-index

22
all docs

22
docs citations

22
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Classifying Major Depressive Disorder Using fNIRS During Motor Rehabilitation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 961-969.	2.7	40
2	Support vector machine (SVM) classification of cognitive tasks based on electroencephalography (EEG) engagement index. Brain-Computer Interfaces, 2018, 5, 1-12.	0.9	36
3	Technologies for Opioid Use Disorder Management: Mobile App Search and Scoping Review. JMIR MHealth and UHealth, 2020, 8, e15752.	1.8	28
4	Human machine interface in the Internet of Things (IoT). , 2017, , .		20
5	The past, present and future of opioid withdrawal assessment: a scoping review of scales and technologies. BMC Medical Informatics and Decision Making, 2019, 19, 113.	1.5	18
6	Electroencephalography (EEG) classification of cognitive tasks based on task engagement index. , 2017, , .		12
7	Neural Efficiency of Humanâ€™Robotic Feedback Modalities Under Stress Differs With Gender. Frontiers in Human Neuroscience, 2019, 13, 287.	1.0	12
8	Evaluating effectiveness of information visualizations using cognitive fit theory: A neuroergonomics approach. Applied Ergonomics, 2020, 88, 103173.	1.7	12
9	Field Methods to Quantify Emergency Responder Fatigue: Lessons Learned from sUAS Deployment at the 2018 Kilauea Volcano Eruption. IJSE Transactions on Occupational Ergonomics and Human Factors, 2020, 8, 166-174.	0.5	10
10	Electronic health records (EHR) simulation-based training: a scoping review protocol. BMJ Open, 2020, 10, e036884.	0.8	7
11	A Machine Learning Approach to Predict Human Judgments in Compensatory and Noncompensatory Judgment Tasks. IEEE Transactions on Human-Machine Systems, 2019, 49, 326-336.	2.5	5
12	Veteran-Centered Investigation of Architectural and Space Design Considerations for Post-Traumatic Stress Disorder (PTSD). Herd, 2021, 14, 164-173.	0.9	5
13	Neural Correspondence to Human Cognition from Analysis to Intuition â€™ Implications of Display Design for Cognition. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 51-55.	0.2	4
14	Impact of Simulation-Based Training on Radiation Therapistsâ€™ Workload, Situation Awareness, and Performance. Advances in Radiation Oncology, 2020, 5, 1106-1114.	0.6	4
15	Guidelines for cybersecurity visualization design. , 2020, , .		3
16	Relationship Between Acute Physical Fatigue and Cognitive Function During Orthostatic Challenge in Men and Women: A Neuroergonomics Investigation. Human Factors, 2020, 63, 001872082093679.	2.1	2
17	Impact of Workspace Design on Radiation Therapist Techniciansâ€™ Physical Stressors, Mental Workload, Situation Awareness, and Performance. Practical Radiation Oncology, 2021, 11, e3-e10.	1.1	2
18	Assessment of Radiation Therapy Technologistsâ€™ Workload and Situation Awareness: Monitoring 2 Versus 3 Collocated Display Monitors. Advances in Radiation Oncology, 2021, 6, 100572.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Effect of Simulation-Based Training and Neurofeedback Interventions on Radiation Technologistsâ€™™ Workload, Situation Awareness, and Performance. Practical Radiation Oncology, 2021, 11, e124-e133.	1.1	1
20	Neuroergonomic Applications in Information Visualization. Cognitive Science and Technology, 2020, , 435-449.	0.2	0