Essam Debie

List of Publications by Year
in descending order

22 papers	403 citations
1307366 7 h-index	1281743 11 g-index
23 all docs	23 docs citations
23 times ranked	266 citing authors

#	Article	IF	Citations
1	Session Invariant EEG Signatures using Elicitation Protocol Fusion and Convolutional Neural Network. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2488-2500.	3.7	11
2	Multimodal Fusion for Objective Assessment of Cognitive Workload: A Review. IEEE Transactions on Cybernetics, 2021, 51, 1542-1555.	6.2	66
3	Autonomous recommender system for reconnaissance tasks using a swarm of UAVs and asynchronous shepherding. Human-Intelligent Systems Integration, 2021, 3, 175-186.	1.2	5
4	Human-Swarm-Teaming Transparency and Trust Architecture. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1281-1295.	8.5	22
5	Transparent Shepherding: A Rule-Based Learning Shepherd for Human Swarm Teaming. Unmanned System Technologies, 2021, , 267-292.	0.9	0
6	A Neuro-Evolution Approach to Shepherding Swarm Guidance in the Face of Uncertainty. , 2021, , .		2
7	A Privacy-Preserving Generative Adversarial Network Method for Securing EEG Brain Signals. , 2020, , .		12
8	A Review of Intrusion Detection Systems Using Machine and Deep Learning in Internet of Things: Challenges, Solutions and Future Directions. Electronics (Switzerland), 2020, 9, 1177.	1.8	125
9	Electroencephalographic Workload Indicators During Teleoperation of an Unmanned Aerial Vehicle Shepherding a Swarm of Unmanned Ground Vehicles in Contested Environments. Frontiers in Neuroscience, 2020, 14, 40.	1.4	49
10	Path Planning for Shepherding a Swarm in a Cluttered Environment using Differential Evolution. , 2020, , .		15
11	Implications of the curse of dimensionality for supervised learning classifier systems: theoretical and empirical analyses. Pattern Analysis and Applications, 2019, 22, 519-536.	3.1	45
12	Encephalographic Assessment of Situation Awareness in Teleoperation of Human-Swarm Teaming. Communications in Computer and Information Science, 2019, , 530-539.	0.4	6
13	Historical operational data analysis for defence preparedness planning. Journal of Defense Modeling and Simulation, 2018, 15, 231-244.	1.2	0
14	Swarm Q-Learning With Knowledge Sharing Within Environments for Formation Control. , 2018, , .		8
15	On Taxonomy and Evaluation of Feature Selection€Based Learning Classifier System Ensemble Approaches for Data Mining Problems. Computational Intelligence, 2017, 33, 554-578.	2.1	4
16	Investigating Multi-Operator Differential Evolution for Feature Selection. Lecture Notes in Computer Science, 2016, , 273-284.	1.0	0
17	An online evolutionary rule learning algorithm with incremental attribute discretization. , 2014, , .		5
18	Performance analysis of rough set ensemble of learning classifier systems with differential evolution based rule discovery. Evolutionary Intelligence, 2013, 6, 109-126.	2.3	7

#	Article	IF	Citations
19	REUCS-CRG. , 2013, , .		2
20	Reduct based ensemble of learning classifier system for real-valued classification problems. , 2013, , .		10
21	Investigating Differential Evolution based rule discovery in learning classifier systems. , 2013, , .		2
22	Evolution of Intrinsic Motives in Multi-agent Simulations. Lecture Notes in Computer Science, 2012, , 198-207.	1.0	7