

# Essam Debie

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Multimodal Fusion for Objective Assessment of Cognitive Workload: A Review. IEEE Transactions on Cybernetics, 2021, 51, 1542-1555.	6.2	66
3	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
4	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
5	Human-Swarm-Teaming Transparency and Trust Architecture. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1281-1295.	8.5	22
6	Path Planning for Shepherding a Swarm in a Cluttered Environment using Differential Evolution. , 2020, , .		15
7	A Privacy-Preserving Generative Adversarial Network Method for Securing EEG Brain Signals. , 2020, , .		12
8	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
9	Reduct based ensemble of learning classifier system for real-valued classification problems. , 2013, , .		10
10	Swarm Q-Learning With Knowledge Sharing Within Environments for Formation Control. , 2018, , .		8
11	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
12	Evolution of Intrinsic Motives in Multi-agent Simulations. Lecture Notes in Computer Science, 2012, , 198-207.	1.0	7
13	Encephalographic Assessment of Situation Awareness in Teleoperation of Human-Swarm Teaming. Communications in Computer and Information Science, 2019, , 530-539.	0.4	6
14	An online evolutionary rule learning algorithm with incremental attribute discretization. , 2014, , .		5
15	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
16	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
17	REUCS-CRG. , 2013, , .		2
18	Investigating Differential Evolution based rule discovery in learning classifier systems. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	A Neuro-Evolution Approach to Shepherding Swarm Guidance in the Face of Uncertainty. , 2021, , .		2
20	Investigating Multi-Operator Differential Evolution for Feature Selection. Lecture Notes in Computer Science, 2016, , 273-284.	1.0	0
21	Historical operational data analysis for defence preparedness planning. Journal of Defense Modeling and Simulation, 2018, 15, 231-244.	1.2	0
22	Transparent Shepherding: A Rule-Based Learning Shepherd for Human Swarm Teaming. Unmanned System Technologies, 2021, , 267-292.	0.9	0