

# Aladdin Ayesh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5211820/publications.pdf>

Version: 2024-02-01

78  
papers

1,060  
citations

949033

11  
h-index

563245

28  
g-index

79  
all docs

79  
docs citations

79  
times ranked

931  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal motivation modelling and computing towards motivationally intelligent E-learning systems. CCF Transactions on Pervasive Computing and Interaction, 2023, 5, 64-81.	1.7	4
2	Explaining the Principles to Practices Gap in AI. IEEE Technology and Society Magazine, 2021, 40, 81-94.	0.6	24
3	Complementing Privacy and Utility Trade-Off with Self-Organising Maps. Cryptography, 2021, 5, 20.	1.4	4
4	Continuous Stress Monitoring under Varied Demands Using Unobtrusive Devices. International Journal of Human-Computer Interaction, 2020, 36, 326-340.	3.3	7
5	IEEE 7010: A New Standard for Assessing the Well-being Implications of Artificial Intelligence. , 2020, , .		13
6	Utility Promises of Self-Organising Maps in Privacy Preserving Data Mining. Lecture Notes in Computer Science, 2020, , 55-72.	1.0	1
7	Gaze-Based Assessment of Dyslexic Students' Motivation within an E-Learning Environment. , 2019, , .		3
8	Behavior-Based Outlier Detection for Network Access Control Systems. , 2019, , .		5
9	Intelligent intrusion detection systems using artificial neural networks. ICT Express, 2018, 4, 95-99.	3.3	167
10	SOM-Based Class Discovery for Emotion Detection Based on DEAP Dataset. International Journal of Software Science and Computational Intelligence, 2018, 10, 15-26.	1.8	1
11	Conceptual Motivation Modeling for Students with Dyslexia for Enhanced Assistive Learning. , 2017, , .		11
12	The Effects of Task Demand and External Stimuli on Learner's Stress Perception and Job Performance. , 2017, , 89-101.		0
13	Developing an Intelligent Filtering Technique for Bring Your Own Device Network Access Control. , 2017, , .		11
14	Combining Supervised and Unsupervised Learning to Discover Emotional Classes. , 2017, , .		2
15	Class discovery from semi-structured EEG data for affective computing and personalisation. , 2017, , .		1
16	The effects of typing demand on learner's Motivation/Attitude-driven Behaviour (MADB) model with mouse and keystroke behaviours. , 2017, , .		0
17	Towards Psychologically based Personalised Modelling of Emotions Using Associative Classifiers. International Journal of Cognitive Informatics and Natural Intelligence, 2016, 10, 52-64.	0.4	6
18	Exploring direct learning instruction and external stimuli effects on learner's states and mouse/keystroke behaviours. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	The Motivation/Attitude-Driven Behavior (MADB) Model in E-Learning and the Effects on Mouse Dynamics. International Journal of Cognitive Informatics and Natural Intelligence, 2016, 10, 38-52.	0.4	2
20	Experience with AOAB methodology in mobile computing module. , 2015, , .		0
21	Models for Computational Emotions from Psychological Theories Using Type I Fuzzy Logic. Cognitive Computation, 2015, 7, 285-308.	3.6	7
22	Models for Computational Emotions from Psychological Theories Using Type-II Fuzzy Logic. Cognitive Computation, 2015, 7, 309-332.	3.6	11
23	Energy efficient algorithm for swarmed sensors networks. Sustainable Computing: Informatics and Systems, 2015, 5, 54-63.	1.6	13
24	The Effects of Typing Demand on Emotional Stress, Mouse and Keystroke Behaviours. Studies in Computational Intelligence, 2015, , 209-225.	0.7	8
25	Using Mouse and Keyboard Dynamics to Detect Cognitive Stress During Mental Arithmetic. Studies in Computational Intelligence, 2015, , 335-350.	0.7	12
26	Multi-Label Rules Algorithm Based Associative Classification. Parallel Processing Letters, 2014, 24, 1450001.	0.4	13
27	Towards Agent-based Agile approach for Game Development Methodology. , 2014, , .		11
28	Detecting emotional stress during typing task with time pressure. , 2014, , .		11
29	Cognitive reasoning and inferences through psychologically based personalised modelling of emotions using associative classifiers. , 2014, , .		5
30	The effects of menu design on users' emotions, search performance and mouse behaviour. , 2014, , .		5
31	Location Prediction Based on a Sector Snapshot for Location-Based Services. Journal of Network and Systems Management, 2014, 22, 23-49.	3.3	8
32	Phishing detection based Associative Classification data mining. Expert Systems With Applications, 2014, 41, 5948-5959.	4.4	251
33	Detecting cognitive stress from keyboard and mouse dynamics during mental arithmetic. , 2014, , .		21
34	Crime profiling for the Arabic language using computational linguistic techniques. Information Processing and Management, 2014, 50, 315-341.	5.4	12
35	Mobile cognitive systems: the business of connecting data to user-centred services with a smile. , 2014, , .		0
36	Towards an AOSE: Game Development Methodology. Advances in Intelligent Systems and Computing, 2013, , 493-501.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Generic evaluation framework for games development methodology. , 2013, , .		3
38	Socio-Demographic Differences in the Perceptions of Learning Management System (Lms) Design. International Journal of Software Engineering & Applications, 2013, 4, 15-35.	0.9	11
39	MAC: A Multiclass Associative Classification Algorithm. Journal of Information and Knowledge Management, 2012, 11, 1250011.	0.8	35
40	Domain Specific Knowledge Representation for an Intelligent Tutoring System to Teach Algebraic Reasoning. Lecture Notes in Computer Science, 2012, , 630-631.	1.0	5
41	Emotion-Based Machine Learning. , 2012, , 1137-1139.		1
42	A new splitting-based displacement prediction approach for location-based services. , 2011, , .		4
43	Combined Course Programmes Generation in Multi-agent e-Learning System Using Policy-Based HTN Planning. Lecture Notes in Computer Science, 2011, , 504-513.	1.0	1
44	An analytical review for multipath routing in Mobile Ad Hoc Networks. International Journal of Ad Hoc and Ubiquitous Computing, 2010, 5, 69.	0.3	9
45	Intelligent Land-Use Management and Sustainable Development: From Interacting Wireless Sensors Networks to Spatial Emergence for Decision Making. , 2010, , .		1
46	Integrating Mobile Agents into Network Access Control. , 2010, , .		0
47	Evaluating software cost estimation models using particle swarm optimisation and fuzzy logic for NASA projects: a comparative study. International Journal of Bio-Inspired Computation, 2010, 2, 365.	0.6	22
48	Automated dictionary construction from Arabic corpus for meaningful crime information extraction and document classification. , 2010, , .		3
49	Multi-Agent Based Dynamic E-Learning Environment. International Journal of Information Technology and Web Engineering, 2009, 4, 61-77.	1.2	2
50	Beaver algorithm for network security and optimization: Preliminary report. , 2009, , .		5
51	Multi-agent system for people detection and tracking using stereo vision in mobile robots. Robotica, 2009, 27, 715.	1.3	10
52	Multipath contribution of intermediate nodes in AODV extensions. , 2009, , .		1
53	Threshold efficient multiple routes in AODV extensions. , 2009, , .		0
54	Crime Type Document Classification from Arabic Corpus. , 2009, , .		9

#	ARTICLE	IF	CITATIONS
55	Swarms-based emotions modelling. International Journal of Bio-Inspired Computation, 2009, 1, 118.	0.6	7
56	Optimizing the communication distance of an ad hoc wireless sensor networks by genetic algorithms. Artificial Intelligence Review, 2008, 29, 183-194.	9.7	25
57	Optimizing autonomous mobile sensors network using PSO algorithms. , 2008, , .		8
58	Access Network Selection Based on Fuzzy Logic and Genetic Algorithms. Advances in Artificial Intelligence, 2008, 2008, 1-12.	0.9	79
59	Is paice method suitable for evaluating Arabic stemming algorithms?. , 2008, , .		1
60	Identification of a chemical process reactor using soft computing techniques. , 2008, , .		8
61	Development of software effort and schedule estimation models using Soft Computing Techniques. , 2008, , .		43
62	Multi-agent system based regional data grid. , 2008, , .		4
63	A Millenson-based approach to emotion modelling. , 2008, , .		6
64	Pattern-based algorithm for Part-of-Speech tagging Arabic text. , 2008, , .		7
65	On-demand Multiple Route Maintenance in AODV Extensions (ORMAD). , 2008, , .		9
66	Regionally Distributed Architecture for Dynamic e-Learning Environment (RDADeLE). , 2008, , .		4
67	Access network selection for coexisted WWAN, WMAN and WLAN using combined fuzzy logic and AHP. International Journal of Innovative Computing and Applications, 2008, 1, 219.	0.2	3
68	Particle swarm optimisation enhancement approach for improving image quality. International Journal of Innovative Computing and Applications, 2007, 1, 138.	0.2	28
69	Fuzzy Individual Model (FIM) for Realistic Crowd Simulation: Preliminary Results. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	6
70	Access network selection using combined fuzzy control and MCDM in heterogeneous networks. , 2007, , .		5
71	Analytical study to detect threshold number of efficient routes in multipath AODV extensions. , 2007, , .		12
72	Structured Sound Based Language for Emotional Robotic Communicative Interaction. , 2006, , .		6

#	ARTICLE	IF	CITATIONS
73	A Trilateral Word Roots Extraction Using Neural Network For Arabic. , 2006, , .		11
74	THINKING-LEARNING BY ARGUMENT. , 2001, , .		0
75	Extracting subtle facial expression for emotional analysis. , 0, , .		10
76	A functional BCI model by the P2731 working group: psychology. Brain-Computer Interfaces, 0, , 1-10.	0.9	0
77	Regionally Distributed Architecture for Dynamic e-Learning Environment (RDADeLE). , 0, , .		2
78	Multi-Agent Based Dynamic E-Learning Environment. , 0, , 142-158.		1