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Faculté: Mathématiques,Informatique et Science de la matière

Laboratoire: Sciences et Technologies de l'Information et de la Communication(LABSTIC)

	Titre	Auteurs	Revue	Année	Catégorie de la revue:A+ , A , B-Scopus, B-non Scopus, non classée	Volume	Page	URL
Productions Scientifiques 2021								
Publications								
Publications internationales	A Survey on Big IoT Data Indexing: Potential Solutions, Recent Advancements, and Open Issues	Zineddine Kouahla Ala-Eddine Benrazek Mohamed Amine Ferrag Brahim Farou Hamid Seridi Muhammet Kurulay Adeel Anjum Alia Asheralieva	Future Internet (MDPI)	2021	B-Scopus	14	19	https://www.mdpi.com/1999-5903/14/1/19
	ECG beat classification using neural classifier based on deep autoencoder and decomposition techniques	Siouda Roguia Nemissi Mohamed Seridi Hamid	Progress in Artificial Intelligence	2021	B-Scopus	10	P 333-347	https://link.springer.com/article/10.1007/s13748-021-00243-5
	A new approach to identify dropout learners based on their performance-based behavior	Rochdi Boudjehem Yacine Lafifi	JUCS - Journal of Universal Computer Science	2021	A	27(10)	1001-1025	https://doi.org/10. 3897/jucs.74280
	Deep learning-based Intrusion Detection for Distributed Denial of Service Attack in Agriculture 4.0	M. A. Ferrag L. Shu H. Djallel Kim-Kwang Raymond Choo	MDPI Electronics	2021	A			https://www.mdpi.com/2079-9292/10/11/1257
	Internet of Things for the Future of Smart Agriculture: A Comprehensive Survey of Emerging Technologies	O. Friha M. A. Ferrag L. Shu L. Maglaras X. Wang	IEEE/CAA Journal of Automatica Sinica	2021	A		8	https://ieeexplore.ieee.org/document/9374808
	Cyber Ranges and TestBeds for Education, Training and Research	N. Chouliaras G. Kittes I. Kantzavelou L. Maglaras G. Pantziou M. A. Ferrag	MDPI Applied Sciences	2021	A			https://www.mdpi.com/2076-3417/11/4/1809
	EASBF: An Efficient Authentication Scheme over Blockchain for Fog Computing-enabled Internet of Vehicles	S. E.Merzougui M. A. Ferrag O. Friha L. Maglaras	Elsevier Journal of Information Security and Applications	2021	A		59	https://www.sciencedirect.com/science/article/abs/pii/S2214212621000442
	WHISPER: A Location Privacy-Preserving Scheme Using Transmission Range Changing for Internet of Vehicles	M. Babaghayou N. Labraoui Ado A. Abba Ari M. A. Ferrag Leandros Maglaras Helge Janicke	MDPI Sensors	2021	A			https://www.mdpi.com/1424-8220/21/7/2443
	PetroBlock: A Blockchain-based Payment Mechanism for Fueling Smart Vehicles	F. Jamil H. Jamil O. Cheikhrouhou A. Koubaa A. Derhab A. Ferrag	MDPI Applied Sciences	2021	A			https://www.mdpi.com/2076-3417/11/7/3055

	Title	Authors	Journal	Year	Rank	Vol	Pages	Link
Publications internationales	*The Performance Evaluation of Blockchain-based Security and Privacy Systems for the Internet of Things: A Tutorial*	*M. A. Ferrag* *L. Shu*	*IEEE Internet of Things Journal*	*2021*	*A+*			*https://ieeexplore.ieee.org/document/9424688*
	Fighting COVID-19 and Future Pandemics with the Internet of Things: Security and Privacy Perspectives	*M. A. Ferrag* *L. Shu* *Kim-Kwang* *Raymond Choo*	*IEEE/CAA Journal of Automatica Sinica*	*2021*	*A*			*https://ieeexplore.ieee.org/document/9479868*
	Cyber Security Intrusion Detection for Agriculture 4.0: Machine Learning-based Solutions, Datasets, and Future Directions	*M. A. Ferrag* *L. Shu* *O. Friha* *X. Yang*	*IEEE/CAA Journal of Automatica Sinica*	*2021*	*A*			*https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9646172&casa_token=CTbWsPSfcbAAAAAA:xyFKkKEmA7voFatYqWoRIOivJNBRGBLfctaPl_RCLWRq1p48IpWUzvUmsfN5Z3_H4WYMRpluojyMBA&tag=1*
	Intrusion Detection in Critical Infrastructures: A literature review	*P. Fountas* *T. Kouskouras* *G. Kranas* *L. Maglaras,* *M. A. Ferrag*	*MDPI Smart Cities*	*2021*	*B*			*https://www.mdpi.com/2624-6511/4/3/61*
	A Mamdani Type Fuzzy Inference system to calculate employee susceptibility to phishing attacks	*Yahya Lambat* *Nick Ayres* *Leandros Maglaras* *M. A. Ferrag*	*MDPI Applied Sciences*	*2021*	*A*			*https://www.mdpi.com/2076-3417/11/19/9083*
	Federated Deep Learning for Cyber Security in the Internet of Things: Concepts, Applications, and Experimental Analysis	*M. A. Ferrag* *O. Friha* *L. Maglaras* *H. Janicke* *L. Shu*	*IEEE Access*	*2021*	*A*			*https://ieeexplore.ieee.org/document/9562531*
	A Survey on Smart Agriculture: Development Modes, Technologies, and Security and Privacy Challenges	*X. Yang* *L. Shu* *J. Chen* *M.A. Ferrag* *J. Wu* *E.Nurellari* *K. Huang*	*IEEE/CAA Journal of Automatica Sinica*	*2021*	*A*			*https://ieeexplore.ieee.org/document/9269526*
	A novel approach for facial expression recognition based on Gabor filters and genetic algorithm	*Boughida Adil* *Kouahla Mohamed Nadjib* *Lafifi Yacine*	*Evolving Systems*	*2021*	*A*	*13*	*331–345*	*https://link.springer.com/article/10.1007/s12530-021-09393-2*
	An Integration of Health Monitoring System in Public Transport Using the Semantic Web of Things	*Abdelhalim HADJADJ* *Khaled HALIMI*	*JUCS - Journal of Universal Computer Science*	*2021*	*A*	*27*	*1325-1346*	*https://lib.jucs.org/article/76983/*
	Students' competencies discovery and assessment using learning analytics and semantic web	*Khaled Halimi* *Hassina Seridi-Bouchelaghem*	*Australasian Journal of Educational Technology*	*2021*	*A*	*37*	*77-97*	*https://ajet.org.au/index.php/AJET/article/view/7116*

	Productions Scientifiques2021						
	Communications						
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Communications internationales	*Learning analytics techniques and learner engagement in online learning environments*	*Zerdoudi souhila Tadjer houda Lafifi yacine*	*The 4th conference on informatics and applied*	*2021*	*non*		*7*	
	RecMOOC, A System for Recommending Learning Resource in MOOC	*Zohra Mehenaoui Youssouf Abda Toufik Boucehmel Yacine Lafifi*	*the 4th conference on informatics and applied mathematics IAM'21 held in Guelma University*	*2021*	*non*		*1--11*	
	Intrusion Detection Systems for Industrial Internet of Things: A Survey	*Djallel Hamouda Mohamed Amine Ferrag Nadjette Benhamida Hamid Seridi*	*2021 International Conference on Theoretical and Applicative Aspects of Computer Science (ICTAACS)*	*2021*	*Oui*			*https://ieeexplore.ieee.org/abstract/document/9715177*
	Android Malware detection on network analysis and deep convolutional neural network	*Djallel Hamouda Mohamed Amine Ferrag Abd Erraouf Cherifi Nadjette Benhamida Zine Eddine Kouahla Hamid Seridi*	*The 4th conference on informatics and applied mathematics IAM'21*	*2021*	*non*			
	Internet of Things in Agriculture: Smart Farming and Precision Agriculture Overview	*Bouacida Imane Djakhdjakha Lynda Seridi Hamid*	*The 4th conference on informatics and applied mathematics IAM'21*	*2021*	*non*			
	Recommender systems in smart environments: state of art	*Maroua CHEMLAL Amina ZEDADRA Med Nadjib KOUAHLA*	*The 4th conference on informatics and applied mathematics IAM'21*	*2021*	*non*			
	Memory Optimization Problem in Embedded Systems: A Survey	*Elhachemi Gattal Ala-Eddine Benrazek*	*The 4th conference on informatics and applied mathematics IAM'21*	*2021*	*non*			
	A Review of Business Process Mining and a Trend Analysis of Artificial Intelligence-Powered Approaches	*AFIFI Chaima KHEBIZI Ali*	*The 4th conference on informatics and applied mathematics IAM'21*	*2021*				
	Cost-Effective Space Partitioning Approach for IoT Data Indexing and Retrieval	*Ibtissem Kemouguette Zineddine Kouahla Ala-Eddine Benrazek Brahim Farou Hamid Seridi*	*2021 International Conference on Networking and Advanced Systems (ICNAS)*	*2021*	*oui*		*1--6*	*https://ieeexplore.ieee.org/abstract/document/9628904/*
	A Study of Lagrangian Relaxation and Dantzig-Wolfe Decompositions for the Generalized Assignment Problem	*Elhachemi Gattal Ala-Eddine Benrazek*	*2022 International Conference on Networking and Advanced Systems (ICNAS)*	*2021*	*oui*		*1--5*	*https://ieeexplore.ieee.org/abstract/document/9628940/*
	Automatic labeling of tracked objects based on an indexing mechanism	*Imane Allele Ala-Eddine Benrazek Zineddine Kouahla Brahim Farou Hamid Seridi Muhammet Kurulay*	*2021 International Conference on Theoretical and Applicative Aspects of Computer Science (ICTAACS) -IEEE*	*2021*	*oui*		*1--7*	*https://ieeexplore.ieee.org/abstract/document/9715189/*

	Title	Authors	Conference	Year				Link
Communications internationales	*Health Monitoring System for the elderly using Semantic Web of Things*	*Abdelhalim HADJADJ Khaled HALIMI*	*The 4th conference on informatics and applied*	*2021*	*non*		*4*	*http://services.univ-guelma.dz/iam21/index.html*
	Improving Health Disabled People through Smart Wheelchair based on Fuzzy Ontology	*Abdelhalim HADJADJ Khaled HALIMI*	*2021 8th International Conference on Internet of Things: Systems, Management and Security (IOTSMS)-IEEE*	*2021*	*oui*		*1--6*	*https://ieeexplore.ieee.org/abstract/document/9704980/*
	QCCF-tree: A New Efficient IoT Big Data Indexing Method at the Fog-Cloud Computing Level	*Karima Khettabi Zineddine Kouahla Brahim Farou Hamid Seridi*	*IEEE*	*2021*	*oui*		*1--7*	*https://ieeexplore.ieee.org/abstract/document/9562836/metrics#metrics*
	Exploring E-Learning Through the Lens of Learning Analytics	*Benchaker Mohamed Ezine Lafifi Yacine Bendjebbar Safia*	*The 4th conference on informatics and applied*	*2021*	*non*	*21*	*16*	*https://scholar.google.com/scholar?hl=fr&as_sdt=0%2C5&as_ylo=2021&q=Benchaker+mohamed+ezine+&btnG=*
	Load short term forecast by linear regression and artificial intelligence	*Rania Farah Seridi Hamid*	*The 4th conference on informatics and applied*	*2021*	*non*	*21*	*14*	