

Mohand Tahar Kechadi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

161
papers

1,572
citations

19
h-index

34
g-index

193
ext. papers

2,026
ext. citations

2.1
avg, IF

5.14
L-index

#	Paper	IF	Citations
161	An improved forensic-by-design framework for cloud computing with systems engineering standard compliance. <i>Forensic Science International: Digital Investigation</i> , 2022 , 40, 301315	1	1
160	A Two-Stage De-Identification Process for Privacy-Preserving Medical Image Analysis. <i>Healthcare (Switzerland)</i> , 2022 , 10, 755	3.4	0
159	A Forensic-Ready Intelligent Transportation System. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2022 , 617-630	0.2	
158	A Novel Validation Framework to Assess Segmentation Accuracy of Inertial Sensor Data for Rehabilitation Exercises. <i>IFMBE Proceedings</i> , 2021 , 29-37	0.2	
157	Domain Specific Entity Recognition With Semantic-Based Deep Learning Approach. <i>IEEE Access</i> , 2021 , 9, 152892-152902	3.5	2
156	Secure encryption key management as a SecaaS based on Chinese wall security policy. <i>Journal of Information Security and Applications</i> , 2021 , 63, 102975	3.5	
155	Big Data Warehouse for Healthcare-Sensitive Data Applications. <i>Sensors</i> , 2021 , 21,	3.8	3
154	Using E-Reputation for Sentiment Analysis. <i>International Journal of Cloud Applications and Computing</i> , 2021 , 11, 32-47	3.1	2
153	Electronic farming records [A framework for normalising agronomic knowledge discovery. <i>Computers and Electronics in Agriculture</i> , 2021 , 184, 106074	6.5	2
152	Using Clustering for Forensics Analysis on Internet of Things. <i>International Journal of Software Science and Computational Intelligence</i> , 2021 , 13, 56-71	1.4	9
151	Using Machine Learning for Heart Disease Prediction. <i>Lecture Notes in Networks and Systems</i> , 2021 , 70-81.	1.5	4
150	Code-free cloud computing service to facilitate rapid biomedical digital signal processing and algorithm development. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 211, 106398	6.9	
149	Structural textile pattern recognition and processing based on hypergraphs. <i>Information Retrieval</i> , 2021 , 24, 137-173	1.8	2
148	Lightweight privacy-Preserving data classification. <i>Computers and Security</i> , 2020 , 97, 101835	4.9	4
147	Privacy-Aware Blockchain Innovation for 6G: Challenges and Opportunities 2020 ,		33
146	Data Privacy in Its Three Forms [A Systematic Review. <i>Communications in Computer and Information Science</i> , 2020 , 425-433	0.3	
145	Prediction of Frequent Out-Of-Hours [Medical Use. <i>Communications in Computer and Information Science</i> , 2020 , 631-646	0.3	

144	OAK: Ontology-Based Knowledge Map Model for Digital Agriculture. <i>Lecture Notes in Computer Science</i> , 2020 , 245-259	0.9	2
143	Phased Method for Solving Multi-Objective MPM Job Shop Scheduling Problem 2020 , 1480-1499		
142	Mobile Health Apps in Pediatric Obesity Treatment: Process Outcomes From a Feasibility Study of a Multicomponent Intervention. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e16925	5.5	5
141	Historical Weather Data Recovery and Estimation. <i>Lecture Notes in Intelligent Transportation and Infrastructure</i> , 2020 , 1179-1191	0.3	
140	Forensic analysis of privacy-oriented cryptocurrencies. <i>Forensic Science International: Digital Investigation</i> , 2020 , 33, 200891	1	6
139	Feature selection based bee swarm meta-heuristic approach for combinatorial optimisation problems: a case-study on MaxSAT. <i>Memetic Computing</i> , 2020 , 12, 283-298	3.4	1
138	Segmentation of shoulder rehabilitation exercises for single and multiple inertial sensor systems. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2020 , 7, 2055668320915377	1.7	1
137	Combining Real-Time Segmentation and Classification of Rehabilitation Exercises with LSTM Networks and Pointwise Boosting. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020 , 34, 13229-13234	5	0
136	2020 ,		4
135	BigO: A public health decision support system for measuring obesogenic behaviors of children in relation to their local environment. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 2020, 5864-5867	0.9	3
134	Sensitive and Private Data Analysis 2019 ,		2
133	Modeling and performance analysis of the IEEE 802.11p EDCA mechanism for VANET under saturation traffic conditions and error-prone channel. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 101, 33-43	2.8	7
132	Digital Evidence Management, Presentation, and Court Preparation in the Cloud 2019 , 283-299		1
131	Human Activity Recognition with Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019 , 541-552	0.9	29
130	Digital Forensic Process and Model in the Cloud 2019 , 239-255		1
129	Designing and Implementing Data Warehouse for Agricultural Big Data. <i>Lecture Notes in Computer Science</i> , 2019 , 1-17	0.9	5
128	Rehabilitation Exercise Segmentation for Autonomous Biofeedback Systems with ConvFSM. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 574-579	0.9	3
127	Predicting Soil pH by Using Nearest Fields. <i>Lecture Notes in Computer Science</i> , 2019 , 480-486	0.9	2

126	Sentiment Analysis Application on Twitter for E-reputation 2019 ,		1
125	Parallel and distributed clustering framework for big spatial data mining. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2019 , 34, 671-689	1	12
124	Automatic classification of knee rehabilitation exercises using a single inertial sensor: A case study 2018 ,		7
123	Scalability-aware mechanism based on workload prediction in ultra-peer networks. <i>Peer-to-Peer Networking and Applications</i> , 2018 , 11, 431-449	3.1	1
122	Performance Evaluation of a Distributed Clustering Approach for Spatial Datasets. <i>Communications in Computer and Information Science</i> , 2018 , 38-56	0.3	1
121	A Forecasting Model for Data Center Bandwidth Utilization. <i>Lecture Notes in Networks and Systems</i> , 2018 , 315-330	0.5	
120	Ontology Based Approach for Precision Agriculture. <i>Lecture Notes in Computer Science</i> , 2018 , 175-186	0.9	7
119	Internet of Things Forensics [Challenges and a Case Study. <i>IFIP Advances in Information and Communication Technology</i> , 2018 , 35-48	0.5	27
118	LPCN: Least polar-angle connected node algorithm to find a polygon hull in a connected euclidean graph. <i>Journal of Network and Computer Applications</i> , 2017 , 93, 38-50	7.9	5
117	D-LPCN: A distributed least polar-angle connected node algorithm for finding the boundary of a wireless sensor network. <i>Ad Hoc Networks</i> , 2017 , 56, 56-71	4.8	24
116	A multi-act sequential game-based multi-objective clustering approach for categorical data. <i>Neurocomputing</i> , 2017 , 267, 320-332	5.4	11
115	Volkswagen Car Entertainment System Forensics 2017 ,		9
114	A Steganography Technique for Images Based on Wavelet Transform. <i>Lecture Notes in Computer Science</i> , 2017 , 273-281	0.9	2
113	Automatic multi-objective clustering based on game theory. <i>Expert Systems With Applications</i> , 2017 , 67, 32-48	7.8	16
112	Semantic Grid resource discovery based on SKOS ontology. <i>International Journal of Grid and Utility Computing</i> , 2017 , 8, 269	1.1	2
111	Privacy-Aware Data Analysis Middleware for Data-Driven EHR Systems. <i>Lecture Notes in Computer Science</i> , 2017 , 335-350	0.9	
110	ELM-based spammer detection in social networks. <i>Journal of Supercomputing</i> , 2016 , 72, 2991-3005	2.5	26
109	Phased Method for Solving Multi-Objective MPM Job Shop Scheduling Problem. <i>International Journal of Monitoring and Surveillance Technologies Research</i> , 2016 , 4, 42-61		

108	The limb movement analysis of rehabilitation exercises using wearable inertial sensors. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2016</i> , 2016, 4686-4689	0.9	9
107	Clustering of optimized data for email forensics. <i>RAIRO - Operations Research, 2016</i> , 50, 951-963	2.2	
106	Classical Mechanics Optimization for Image Segmentation. <i>Lecture Notes in Computer Science, 2016</i> , 1021-10	1.0	1
105	Leveraging IMU data for accurate exercise performance classification and musculoskeletal injury risk screening. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2016</i> , 2016, 659-662	0.9	12
104	Healthcare Big Data 2016 ,		5
103	Toward a new mobile cloud forensic framework 2016 ,		6
102	A lightweight software write-blocker for virtual machine forensics 2016 ,		3
101	Hierarchical Aggregation Approach for Distributed Clustering of Spatial Datasets 2016 ,		5
100	Retrieval and Clustering of Medicines Within Healthcare Data Records 2016 ,		1
99	Efficient Large Scale Clustering Based on Data Partitioning 2016 ,		10
98	Missing Data Analysis Using Multiple Imputation in Relation to Parkinson's Disease 2016 ,		3
97	Evidence analysis to basis of clustering: Approach based on mobile forensic investigation 2016 ,		2
96	Energy-Efficient Data Mining Techniques for Emergency Detection in Wireless Sensor Networks 2016 ,		6
95	Data Mining Techniques Applied to Wireless Sensor Networks for Early Forest Fire Detection 2016 ,		11
94	Dimensionality reduction in data mining: A Copula approach. <i>Expert Systems With Applications, 2016</i> , 64, 247-260	7.8	41
93	A parallel genetic algorithms framework based on Hadoop MapReduce 2015 ,		10
92	An ontology-based approach for the reconstruction and analysis of digital incidents timelines. <i>Digital Investigation, 2015</i> , 15, 83-100	3.3	32
91	Forensics Acquisition and Analysis of Instant Messaging and VoIP Applications. <i>Lecture Notes in Computer Science, 2015</i> , 188-199	0.9	15

90	Overview of the Forensic Investigation of Cloud Services 2015 ,		12
89	Forensic Analysis and Remote Evidence Recovery from Syncthing: An Open Source Decentralised File Synchronisation Utility. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2015 , 85-99	0.2	2
88	Distributed clustering algorithm for spatial data mining 2015 ,		22
87	An agent-based negotiation approach for knowledge exchange in cloud service platforms 2015 ,		2
86	Efficiency of network event logs as admissible digital evidence 2015 ,		2
85	2015 ,		1
84	2015 ,		1
83	The State of the Art Forensic Techniques in Mobile Cloud Environment. <i>International Journal of Digital Crime and Forensics</i> , 2015 , 7, 1-19	0.7	17
82	Network investigation methodology for BitTorrent Sync: A Peer-to-Peer based file synchronisation service. <i>Computers and Security</i> , 2015 , 54, 27-43	4.9	11
81	Gaussian Mixture Model Based Interest Prediction In Social Networks 2015 ,		2
80	Towards middleware security framework for next generation data centers connectivity 2015 ,		1
79	Event Reconstruction. <i>Advances in Digital Crime, Forensics, and Cyber Terrorism</i> , 2015 , 231-245	0.2	2
78	SLAFM - A Service Level Agreement Formal Model for Cloud Computing 2015 ,		3
77	Forensic Acquisition of IMVU: A Case Study. <i>Digital Forensics, Security and Law Journal</i> , 2015 ,		3
76	A complete formalized knowledge representation model for advanced digital forensics timeline analysis. <i>Digital Investigation</i> , 2014 , 11, S95-S105	3.3	29
75	Android and Wireless data-extraction using Wi-Fi 2014 ,		2
74	Automatic Timeline Construction and Analysis for Computer Forensics Purposes 2014 ,		5
73	BitTorrent Sync: Network Investigation Methodology 2014 ,		7

72	BitTorrent Sync: First Impressions and Digital Forensic Implications. <i>Digital Investigation</i> , 2014 , 11, S77-S86	19
71	CupCarbon: A Multi-Agent and Discrete Event Wireless Sensor Network Design and Simulation Tool 2014 ,	52
70	Smartphone Forensic Analysis: A Case Study for Obtaining Root Access of an Android Samsung S3 Device and Analyse the Image without an Expensive Commercial Tool. <i>Journal of Information Security</i> , 2014 , 05, 83-90	0.3 12
69	Performance Evaluation of a Natural Language Processing Approach Applied in White Collar Crime Investigation. <i>Lecture Notes in Computer Science</i> , 2014 , 29-43	0.9 6
68	Cloud Forensic Readiness: Foundations. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2014 , 237-244	0.2 8
67	Forensic Analysis of the TomTom Navigation Application. <i>Lecture Notes in Computer Science</i> , 2014 , 267-276	1
66	Clustering Based on Sequential Multi-Objective Games. <i>Lecture Notes in Computer Science</i> , 2014 , 369-381	0.9
65	Digital Evidence Bag Selection for P2P Network Investigation. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 307-314	0.2 1
64	An effective hybrid learning system for telecommunication churn prediction. <i>Expert Systems With Applications</i> , 2013 , 40, 5635-5647	7.8 42
63	Recurrent neural network approach for cyclic job shop scheduling problem. <i>Journal of Manufacturing Systems</i> , 2013 , 32, 689-699	9.1 20
62	Cloud forensics definitions and critical criteria for cloud forensic capability: An overview of survey results. <i>Digital Investigation</i> , 2013 , 10, 34-43	3.3 112
61	A new method for dimensionality reduction of multi-dimensional data using Copulas 2013 ,	2
60	RNN Modelling for Bi-Objective MPM Job Shop Scheduling Problem 2013 ,	1
59	Universal Peer-to-Peer Network Investigation Framework 2013 ,	1
58	A New Method for Estimation of Missing Data Based on Sampling Methods for Data Mining. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 89-100	0.4 2
57	Feature Selection Parallel Technique for Remotely Sensed Imagery Classification. <i>Lecture Notes in Computer Science</i> , 2013 , 623-634	0.9
56	Customer churn prediction in telecommunications. <i>Expert Systems With Applications</i> , 2012 , 39, 1414-1425	5.8 153
55	The Weighted Tardiness as Objective Function of a RNN Model for the Job Scheduling Problem 2012 ,	1

54	An Integrated Model for Financial Data Mining. <i>Lecture Notes in Computer Science</i> , 2012 , 306-317	0.9	
53	Project Portfolio: A Job Scheduling Approach 2012 ,		2
52	An Open Framework for Smartphone Evidence Acquisition. <i>International Federation for Information Processing</i> , 2012 , 159-166		5
51	Key Terms for Service Level Agreements to Support Cloud Forensics. <i>International Federation for Information Processing</i> , 2012 , 201-212		15
50	Peer-to-Peer Botnet Investigation: A Review. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 231-238	0.2	1
49	A Tree-Based Approach for Detecting Redundant Business Rules in Very Large Financial Datasets. <i>International Journal of Business Intelligence Research</i> , 2012 , 3, 1-13	0.6	
48	Evaluation of a clustering technique based on game theory 2011 ,		1
47	Cloud Forensics. <i>International Federation for Information Processing</i> , 2011 , 35-46		117
46	New approach for distributed clustering 2011 ,		4
45	Efficient Distributed Approach for Density-Based Clustering 2011 ,		10
44	On a Distributed Approach for Density-Based Clustering 2011 ,		1
43	Semantic Modelling of Digital Forensic Evidence. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2011 , 149-156	0.2	5
42	Recent Advances in Parallel Virtual Machine and Message Passing Interface. <i>International Journal of High Performance Computing Applications</i> , 2010 , 24, 3-4	1.8	
41	Customer Segmentation Architecture Based on Clustering Techniques 2010 ,		9
40	Data Reduction in Very Large Spatio-Temporal Datasets 2010 ,		7
39	A Data Mining-Based Solution for Detecting Suspicious Money Laundering Cases in an Investment Bank 2010 ,		9
38	Application of Data Mining for Anti-money Laundering Detection: A Case Study 2010 ,		19
37	Analysis of Deputy and Party Similarities through Hierarchical Clustering 2010 ,		1

36	A new feature set with new window techniques for customer churn prediction in land-line telecommunications. <i>Expert Systems With Applications</i> , 2010 , 37, 3657-3665	7.8	29
35	Multi-objective feature selection by using NSGA-II for customer churn prediction in telecommunications. <i>Expert Systems With Applications</i> , 2010 , 37, 3638-3646	7.8	94
34	The Feasibility of Using an Automated Net Asset Value Validation Tool in an International Investment Bank. <i>Technology and Investment</i> , 2010 , 01, 182-190	0	1
33	A Clustering-Based Data Reduction for Very Large Spatio-Temporal Datasets. <i>Lecture Notes in Computer Science</i> , 2010 , 43-54	0.9	11
32	Fuzzy Spatial Analysis Techniques for Mathematical Expression Recognition. <i>Lecture Notes in Computer Science</i> , 2010 , 80-87	0.9	0
31	Toward Distributed Knowledge Discovery on Grid Systems. <i>Advanced Information and Knowledge Processing</i> , 2010 , 213-243	0.3	2
30	On the persistence of deleted windows registry data structures 2009 ,		1
29	DIALOG: A framework for modeling, analysis and reuse of digital forensic knowledge. <i>Digital Investigation</i> , 2009 , 6, S23-S33	3.3	22
28	Investigating Encrypted Material. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009 , 29-35	0.2	
27	Grid-Based Approaches for Distributed Data Mining Applications. <i>Journal of Algorithms and Computational Technology</i> , 2009 , 3, 517-534	0.7	9
26	On the recognition of online handwritten mathematics using feature-based fuzzy rules and relationship precedence 2008 ,		1
25	Handling Large Volumes of Mined Knowledge with a Self-Reconfigurable Topology on Distributed Systems 2008 ,		1
24	Mining Spatio-Temporal Data at Different Levels of Detail 2008 , 225-240		2
23	Exploratory spatio-temporal data mining and visualization. <i>Journal of Visual Languages and Computing</i> , 2007 , 18, 255-279		90
22	FECK: A New Efficient Clustering Algorithm for the Events Correlation Problem in Telecommunication Networks 2007 ,		4
21	An efficient support management tool for distributed data mining environments 2007 ,		2
20	Knowledge Map: Toward a New Approach Supporting the Knowledge Management in Distributed Data Mining 2007 ,		13
19	TreeP: A Self-reconfigurable Topology for Unstructured P2P Systems 2007 , 1136-1146		3

18	Scalable 2-Pass Data Mining Technique for Large Scale Spatio-temporal Datasets. <i>Lecture Notes in Computer Science</i> , 2007 , 785-792	0.9	
17	A New Approach for Distributed Density Based Clustering on Grid Platform. <i>Lecture Notes in Computer Science</i> , 2007 , 247-258	0.9	11
16	A universal performance factor for multi-criteria evaluation of multistage interconnection networks. <i>Future Generation Computer Systems</i> , 2006 , 22, 794-804	7.5	9
15	A Hybrid Recogniser for Handwritten Symbols Based on Fuzzy Logic and Self-Organizing Maps 2006 ,		3
14	A Visual Approach for Spatio-Temporal Data Mining 2006 ,		1
13	Behavioural Proximity Approach for Alarm Correlation in Telecommunication Networks. <i>Lecture Notes in Computer Science</i> , 2006 , 674-683	0.9	2
12	TreeP: A Tree Based P2P Network Architecture 2005 ,		8
11	Dynamic task scheduling for irregular network topologies. <i>Parallel Computing</i> , 2005 , 31, 757-776	1	3
10	An Efficient Hybrid Approach for Online Recognition of Handwritten Symbols. <i>Lecture Notes in Computer Science</i> , 2005 , 843-853	0.9	4
9	Performance study of a dynamic task scheduling for heterogeneous distributed systems. <i>Operational Research</i> , 2004 , 4, 291-303	1.6	1
8	Performance Study of Scheduling Mechanisms for Peer-to-Peer Computing Environments. <i>Lecture Notes in Computer Science</i> , 2004 , 954-962	0.9	
7	Suitability of Two Associative Memory Neural Networks to Character Recognition. <i>Lecture Notes in Computer Science</i> , 2004 , 886-897	0.9	
6	Feature Extraction of Handwritten Symbols Using Fuzzy Logic. <i>Lecture Notes in Computer Science</i> , 2004 , 493-498	0.9	3
5	Recurrent neural network approach for partitioning irregular graphs. <i>Lecture Notes in Computer Science</i> , 1999 , 450-459	0.9	0
4	A parallel technique for partitioning nodes of weighted graphs. <i>Lecture Notes in Computer Science</i> , 1998 , 449-457	0.9	1
3	Analysis and simulation of an out-of-order execution model in vector multiprocessor systems. <i>Parallel Computing</i> , 1997 , 23, 1963-1986	1	0
2	Leveraging Decentralization to Extend the Digital Evidence Acquisition Window: Case Study on Bittorrent Sync. <i>Digital Forensics, Security and Law Journal</i> ,		7
1	Applying the K-Means Algorithm in Big Raw Data Sets with Hadoop and MapReduce. <i>Advances in Data Mining and Database Management Book Series</i> , 23-46	0.6	1

