Panagiotis Karampelas

List of Publications by Year
in descending order

80 papers	**538** citations
933264 **10** h-index	794469 **19** g-index
81 all docs	**81** docs citations
81 times ranked	**458** citing authors

#	Article	IF	Citations
1	Electricity demand load forecasting of the Hellenic power system using an ARMA model. Electric Power Systems Research, 2010, 80, 256-264.	2.1	147
2	Cloud Computing learning. , 2011, , .		54
3	Analyzing very large time series using suffix arrays. Applied Intelligence, 2014, 41, 941-955.	3.3	30
4	Adaptive load forecasting of the Hellenic electric grid. Journal of Zhejiang University: Science A, 2008, 9, 1724-1730.	1.3	27
5	Repeated patterns detection in big data using classification and parallelism on LERP Reduced Suffix Arrays. Applied Intelligence, 2016, 45, 567-597.	3.3	27
6	A power system simulation platform for planning and evaluating distributed generation systems based on GIS. Energy Systems, 2013, 4, 379-391.	1.8	16
7	COVID-19 pandemic spread against countriesâ€™ non-pharmaceutical interventions responses: a data-mining driven comparative study. BMC Public Health, 2021, 21, 1607.	1.2	16
8	Parameters' optimisation for surge arrester circuit models. IET Science, Measurement and Technology, 2010, 4, 86-92.	0.9	15
9	Effective insulator maintenance scheduling using artificial neural networks. IET Generation, Transmission and Distribution, 2010, 4, 479.	1.4	13
10	Approximation Formula for Easy Calculation of Signal-to-Noise Ratio of Sigma-Delta Modulators. ISRN Signal Processing, 2011, 2011, 1-7.	2.9	13
11	Modeling of the grounding resistance variation using ARMA models. Simulation Modelling Practice and Theory, 2008, 16, 560-570.	2.2	12
12	Design of artificial neural network models for the prediction of the Hellenic energy consumption. , 2010, , .		11
13	The Correlation Between Renewable Generation and Electricity Demand: A Case Study of Portugal. Energy Systems, 2016, , 119-151.	0.5	11
14	Modeling Suspicious Email Detection Using Enhanced Feature Selection. International Journal of Modeling and Optimization, 0, , 371-377.	0.4	11
15	Early DDoS Detection Based on Data Mining Techniques. Lecture Notes in Computer Science, 2014, , 190-199.	1.0	9
16	CCM: A Text Classification Model by Clustering. , 2011, , .		6
17	Periodicity data mining in time series using Suffix Arrays. , 2012, , .		6
18	Learn by playing: A serious war game simulation for teaching military ethics. , 2017, , .		6

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19	Text Mining for Plagiarism Detection: Multivariate Pattern Detection for Recognition of Text Similarities. , 2018, , .		6
20	Evaluation of lightning performance of transmission lines protected by metal oxide surge arresters using artificial intelligence techniques. Energy Systems, 2012, 3, 379-399.	1.8	5
21	A password creation and validation system for social media platforms based on big data analytics. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 53-73.	3.3	5
22	Web User Interface Design Strategy: Designing for Device Independence. Lecture Notes in Computer Science, 2009, , 515-524.	1.0	5
23	Techniques and Tools for Designing an Online Social Network Platform. Lecture Notes in Social Networks, 2013, , .	0.8	4
24	Experimental Analysis on the Normality of Using Advanced Data-Mining Techniques (Experimental) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Experimental Mathematics, 2014, 23, 105-128.	0.5	4
25	Sequential All Frequent Itemsets Detection. , 2015, , .		4
26	Text Mining in Unclean, Noisy or Scrambled Datasets for Digital Forensics Analytics. , 2017, , .		4
27	Detecting Hate Speech Within the Terrorist Argument: A Greek Case. , 2018, , .		4
28	Evaluation of the probability of arrester failure in a high-voltage transmission line using a Q learning artificial neural network model. Measurement Science and Technology, 2011, 22, 045702.	1.4	3
29	Association rules mining based approach for Web usage mining. , 2011, , .		3
30	Quick response codes in E-learning. , 2012, , .		3
31	Minimization of Suffix Array's Storage Capacity for Periodicity Detection in Time Series. , 2012, , .		3
32	Pattern Detection and Analysis in Financial Time Series Using Suffix Arrays. Springer Optimization and Its Applications, 2012, , 129-157.	0.6	3
33	Profiling individuals based on email analysis and ego networks: A visualization technique. , 2016, , .		3
34	Multivariate motif detection in local weather big data. , 2019, , .		3
35	The role of social media surveillance in search and rescue missions. , 2019, , .		3
36	Advanced Network Data Analytics for Large-Scale DDoS Attack Detection. International Journal of Cyber Warfare and Terrorism, 2017, 7, 44-54.	0.3	3

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37	SOA Security Aspects in Web-based Architectural Design. , 2010, , 415-430.		3
38	Mapping rules for converting from ODL to XML schemas. , 2010, , .		2
39	Filtering the open-source information. , 2010, , .		2
40	LPAT: An interactive simulation tool for assessing the lightning performance of Hellenic high voltage transmission lines. Applied Soft Computing Journal, 2011, 11, 1380-1387.	4.1	2
41	Frequent and non-frequent pattern detection in big data streams: An experimental simulation in 1 trillion data points. , 2016, , .		2
42	Clickstream Analytics: An Experimental Analysis of the Amazon Users' Simulated Monthly Traffic. , 2018, , .		2
43	Text mining for malware classification using multivariate all repeated patterns detection. , 2019, , .		2
44	A novel malicious remote administration tool using stealth and self-defense techniques. International Journal of Information Security, 2022, 21, 357-378.	2.3	2
45	Visual Methods and Tools for Social Network Analysis. , 2014, , 2314-2327.		2
46	Detecting DDoS Attacks on Multiple Network Hosts. Advances in Information Security, Privacy, and Ethics Book Series, 2019, , 121-139.	0.4	2
47	Designing Universally Accessible Networking Services for a Mobile Personal Assistant. Lecture Notes in Computer Science, 2009, , 279-288.	1.0	2
48	A New Algorithm for On-Line Multivariate ARMA Identification Using Multimodel Partitioning Theory. , 2008, , .		1
49	Harvesting Information from Heterogeneous Sources. , 2011, , .		1
50	Effectiveness of Heuristic Based Approach on the Performance of Indexing and Clustering of High Dimensional Data. Journal of Information and Knowledge Management, 2011, 10, 261-271.	0.8	1
51	Finding Hidden Nodes by Checking for Missing Nodes against Past Social Networks. , 2012, , .		1
52	A conceptual model of improving the collaborative information seeking groups: The impact of cultural dimensions theory. , 2012, , .		1
53	The reduction of the digital divide by improving the appropriateness of the web content. , 2012, , .		1
54	Integrating Online Social Network Analysis in Personalized Web Search. Lecture Notes in Social Networks, 2013, , 589-613.	0.8	1

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55	Visualization of health indicators: utilizing data mining techniques and statistical analysis for effective comparison of user profiles. Network Modeling Analysis in Health Informatics and Bioinformatics, 2014, 3, 1.	1.2	1
56	Are We Really That Close Together? Tracing and Discussing Similarities and Differences between Greek Terrorist Groups Using Cluster Analysis. , 2017, , .		1
57	Discretization Method for the Detection of Local Extrema and Trends in Non-discrete Time Series. , 2015, , .		1
58	Identifying Social Networks of Programmers using Text Mining for Code Similarity Detection. , 2020, , .		1
59	Heuristic based approach to clustering and its time critical applications. , 2010, , .		0
60	heteroHarvest: Harvesting information from heterogeneous sources. , 2011, , .		0
61	A Hybrid Framework for Building a Web-Page Recommender System. , 2011, , .		0
62	Simple and effective behavior tracking by post processing of association rules into segments. , 2011, , .		0
63	Towards an intelligent system for cognitive behavioral treatment. , 2012, , .		0
64	Combining information extraction and text mining for cancer biomarker detection. , 2013, , .		0
65	Tactics, weapons, targets and rationale behind the actions of the mostly operational terrorist groups across Europe. , 2015, , .		0
66	Frequent and Non-frequent Sequential Itemsets Detection. Lecture Notes in Social Networks, 2017, , 211-238.	0.8	0
67	An Organizational Visualization Profiler Tool Based on Social Interactions. Advanced Sciences and Technologies for Security Applications, 2018, , 369-393.	0.4	0
68	Dynamic Pattern Detection for Big Data Stream Analytics. Lecture Notes in Social Networks, 2018, , 183-200.	0.8	0
69	Detecting DDoS Attacks on Multiple Network Hosts. , 2021, , 89-103.		0
70	Using Social Media Surveillance in Order to Enhance the Effectiveness of Crew Members in Search and Rescue Missions. Lecture Notes in Social Networks, 2021, , 127-151.	0.8	0
71	Weather Big Data Analytics: Seeking Motifs in Multivariate Weather Data. Lecture Notes in Social Networks, 2021, , 197-219.	0.8	0
72	Advanced Network Data Analytics for Large-Scale DDoS Attack Detection. , 2021, , 358-370.		0

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73	Employing Social Network Construction and Analysis in Web Structure Optimization. , 2010, , 13-34.		0
74	Rules for Effective Mapping Between Two Data Environments: Object Database Language and XML. , 2012, , 143-166.		0
75	Developing a Hybrid Framework for a Web-Page Recommender System. Lecture Notes in Social Networks, 2013, , 161-181.	0.8	0
76	Fast Frequent Pattern Detection Using Prime Numbers. Lecture Notes in Computer Science, 2014, , 93-101.	1.0	0
77	Visual Methods and Tools for Social Network Analysis. , 2016, , 1-17.		0
78	Visual Methods and Tools for Social Network Analysis. , 2018, , 3298-3314.		0
79	Simplifying E-Commerce Analytics by Discovering Hidden Knowledge in Big Data Clickstreams. Lecture Notes in Social Networks, 2020, , 51-74.	0.8	0
80	Visualization of Repeated Patterns in Multivariate Discrete Sequences. , 2020, , .		0