

Paul Andrew Watters

List of Publications by Citations

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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.

154
papers

1,465
citations

22
h-index

32
g-index

182
ext. papers

1,966
ext. citations

2.2
avg, IF

5.24
L-index

#	Paper	IF	Citations
154	Cybersecurity data science: an overview from machine learning perspective. <i>Journal of Big Data</i> , 2020 , 7,	11.7	86
153	Effectiveness analysis of machine learning classification models for predicting personalized context-aware smartphone usage. <i>Journal of Big Data</i> , 2019 , 6,	11.7	75
152	Towards Understanding Malware Behaviour by the Extraction of API Calls 2010 ,		65
151	Authorship Attribution for Twitter in 140 Characters or Less 2010 ,		59
150	. <i>IEEE Access</i> , 2019 , 7, 167930-167943	3.5	55
149	Caffeine and Cognitive Performance: The Nonlinear YerkesDodson Law. <i>Human Psychopharmacology</i> , 1997 , 12, 249-257	2.3	37
148	The factor structure of cybersickness. <i>Displays</i> , 2011 , 32, 153-158	3.4	36
147	Internet subcultures and pathways to the use of child pornography. <i>Computer Law and Security Review</i> , 2011 , 27, 585-600	3	35
146	The living wage: Theoretical integration and an applied research agenda. <i>International Labour Review</i> , 2016 , 155, 1-24	1	33
145	Detecting Phishing Emails Using Hybrid Features 2009 ,		30
144	A Survey on Latest Botnet Attack and Defense 2011 ,		28
143	Intelligent Dynamic Malware Detection using Machine Learning in IP Reputation for Forensics Data Analytics. <i>Future Generation Computer Systems</i> , 2021 , 118, 124-141	7.5	28
142	A Lightweight Mutual Authentication and Privacy-preservation Scheme for Intelligent Wearable Devices in Industrial-CPS. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5829-5839	11.9	28
141	Estimating Cybersickness of Simulated Motion Using the Simulator Sickness Questionnaire (SSQ): A Controlled Study 2009 ,		26
140	Cybercrime: The Case of Obfuscated Malware. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012 , 204-211	0.2	26
139	Characterising and predicting cyber attacks using the Cyber Attacker Model Profile (CAMP). <i>Journal of Money Laundering Control</i> , 2012 , 15, 430-441	0.8	25
138	A comparison of natural-image-based models of simple-cell coding. <i>Perception</i> , 2000 , 29, 1017-40	1.2	25

137	Achieving security scalability and flexibility using Fog-Based Context-Aware Access Control. <i>Future Generation Computer Systems</i> , 2020 , 107, 307-323	7.5	24
136	Recentred local profiles for authorship attribution. <i>Natural Language Engineering</i> , 2012 , 18, 293-312	1.1	24
135	A Survey of Context-Aware Access Control Mechanisms for Cloud and Fog Networks: Taxonomy and Open Research Issues. <i>Sensors</i> , 2020 , 20,	3.8	23
134	A Secured and Intelligent Communication Scheme for IIoT-enabled Pervasive Edge Computing. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5128-5137	11.9	23
133	A methodology for estimating the tangible cost of data breaches. <i>Journal of Information Security and Applications</i> , 2014 , 19, 321-330	3.5	22
132	Automated unsupervised authorship analysis using evidence accumulation clustering. <i>Natural Language Engineering</i> , 2013 , 19, 95-120	1.1	22
131	Wiki Pedagogy -- A Tale of Two Wikis 2006 ,		21
130	A Novel Face Hashing Method with Feature Fusion for Biometric Cryptosystems 2007 ,		20
129	A method for estimating long-range power law correlations from the electroencephalogram. <i>Biological Psychology</i> , 2004 , 66, 79-89	3.2	19
128	The Seven Scam Types: Mapping the Terrain of Cybercrime 2010 ,		18
127	The Inadequacy of Entropy-Based Ransomware Detection. <i>Communications in Computer and Information Science</i> , 2019 , 181-189	0.3	17
126	Evaluating authorship distance methods using the positive Silhouette coefficient. <i>Natural Language Engineering</i> , 2013 , 19, 517-535	1.1	15
125	A Preliminary Profiling of Internet Money Mules: An Australian Perspective 2009 ,		15
124	Time-invariant long-range correlations in electroencephalogram dynamics. <i>International Journal of Systems Science</i> , 2000 , 31, 819-825	2.3	15
123	Young people, child pornography, and subcultural norms on the Internet. <i>Journal of the Association for Information Science and Technology</i> , 2013 , 64, 992-1000		14
122	Automatically determining phishing campaigns using the USCAP methodology 2010 ,		14
121	Information Security Governance. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 293-315	5.3	14
120	Security and Blockchain Convergence with Internet of Multimedia Things: Current Trends, Research Challenges and Future Directions. <i>Journal of Network and Computer Applications</i> , 2021 , 175, 102918-102948	7.9	14

119	Determining provenance in phishing websites using automated conceptual analysis 2009 ,		13
118	. <i>IEEE Access</i> , 2020 , 8, 171542-171550	3.5	13
117	A Service-Oriented Approach for Sensing in the Internet of Things: Intelligent Transportation Systems and Privacy Use Cases. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	12
116	Social Media Sentiment Analysis: A New Empirical Tool for Assessing Public Opinion on Crime?. <i>Current Issues in Criminal Justice</i> , 2015 , 27, 217-236	1	12
115	Quadratic dose-response relationship between caffeine (1,3,7-trimethylxanthine) and EEG correlation dimension. <i>Psychopharmacology</i> , 1998 , 136, 264-71	4.7	12
114	Detecting Illicit Drugs on Social Media Using Automated Social Media Intelligence Analysis (ASMIA). <i>Lecture Notes in Computer Science</i> , 2012 , 66-76	0.9	12
113	Authorship Attribution of IRC Messages Using Inverse Author Frequency 2012 ,		11
112	RBACS: Rootkit Behavioral Analysis and Classification System 2010 ,		11
111	Can a living wage springboard human capability? An exploratory study from New Zealand. <i>Labour & Industry</i> , 2016 , 26, 24-39	1	11
110	Using Differencing to Increase Distinctiveness for Phishing Website Clustering 2009 ,		10
109	Unsupervised authorship analysis of phishing webpages 2012 ,		10
108	The Case for a Consistent Cyberscam Classification Framework (CCCF) 2009 ,		10
107	The Maximum Degree & Diameter-Bounded Subgraph and its Applications. <i>Mathematical Modelling and Algorithms</i> , 2012 , 11, 249-268		9
106	Discriminating English Word Senses Using Cluster Analysis. <i>Journal of Quantitative Linguistics</i> , 2002 , 9, 77-86	0.5	9
105	Competition, inhibition, and semantic judgment errors in Parkinson's disease. <i>Brain and Language</i> , 2002 , 80, 328-39	2.9	9
104	Indirect Information Linkage for OSINT through Authorship Analysis of Aliases. <i>Lecture Notes in Computer Science</i> , 2013 , 36-46	0.9	9
103	Characterising Network Traffic for Skype Forensics 2012 ,		8
102	Real-time detection of children's skin on social networking sites using Markov random field modelling. <i>Information Security Technical Report</i> , 2011 , 16, 51-58		7

101	Evaluating Internet information services in the Asia-Pacific region. <i>Internet Research</i> , 1998 , 8, 266-271	4.8	7
100	Semantic processing performance of Internet machine translation systems. <i>Internet Research</i> , 1999 , 9, 153-160	4.8	7
99	CalBehav: A Machine Learning-Based Personalized Calendar Behavioral Model Using Time-Series Smartphone Data. <i>Computer Journal</i> , 2020 , 63, 1109-1123	1.3	7
98	Tertiary Education Students' Attitudes to the Harmfulness of Viewing and Distributing Child Pornography. <i>Psychiatry, Psychology and Law</i> , 2016 , 23, 224-239	1.3	7
97	Analysis of Malware Behaviour: Using Data Mining Clustering Techniques to Support Forensics Investigation 2014 ,		6
96	Optimization of classifiers for data mining based on combinatorial semigroups. <i>Semigroup Forum</i> , 2011 , 82, 242-251	0.5	6
95	Internet security applications of the Munn rings. <i>Semigroup Forum</i> , 2010 , 81, 162-171	0.5	6
94	Establishing Reasoning Communities of Security Experts for Internet Commerce Security		6
93	A Mechanism to Detect and Prevent Ethereum Blockchain Smart Contract Reentrancy Attacks. <i>Frontiers in Computer Science</i> , 2021 , 3,	3.4	6
92	Child sexual abuse material in child-centred institutions: situational crime prevention approaches. <i>Journal of Sexual Aggression</i> , 2020 , 26, 91-110	0.9	5
91	A methodology for analyzing the credential marketplace. <i>Journal of Money Laundering Control</i> , 2011 , 14, 32-43	0.8	5
90	Why do users trust the wrong messages? A behavioural model of phishing 2009 ,		5
89	Autonomic Nervous System Factors Underlying Anxiety in Virtual Environments: A Regression Model for Cybersickness 2009 ,		5
88	Enforcing situation-aware access control to build malware-resilient file systems. <i>Future Generation Computer Systems</i> , 2021 , 115, 568-582	7.5	5
87	Authorship analysis of aliases: Does topic influence accuracy?. <i>Natural Language Engineering</i> , 2015 , 21, 497-518	1.1	4
86	REPLOTT 2013 ,		4
85	2013 ,		4
84	Measuring Surveillance in Online Advertising: A Big Data Approach 2013 ,		4

83	2010,		4
82	Windows Rootkits: Attacks and Countermeasures 2010,		4
81	Automatically Generating Classifier for Phishing Email Prediction 2009,		4
80	DISTRIBUTED VARIANCE IN LOCALIZED PRINCIPAL COMPONENTS OF WHITENED NATURAL SCENES. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2003 , 17, 1431-1446	1.1	4
79	A Neural Network Model of Semantic Processing Errors in Parkinson's Disease. <i>Neural Processing Letters</i> , 1999 , 9, 189-199	2.4	4
78	Are Younger People More Difficult to Identify or Just a Peer-to-Peer Effect. <i>Lecture Notes in Computer Science</i> , 2007 , 351-359	0.9	4
77	Significance of Phonological Features in Speech Emotion Recognition. <i>International Journal of Speech Technology</i> , 2020 , 23, 633-642	1.3	4
76	Effects of Automated Messages on Internet Users Attempting to Access "Barely Legal" Pornography. <i>Sexual Abuse: Journal of Research and Treatment</i> , 2021 , 10790632211013809	3.3	4
75	Controlling information behaviour: the case for access control. <i>Behaviour and Information Technology</i> , 2016 , 35, 268-276	2.4	4
74	Trust Modeling for Blockchain-Based Wearable Data Market 2019,		4
73	Large Scale Behavioral Analysis of Ransomware Attacks. <i>Lecture Notes in Computer Science</i> , 2018 , 217-229	0.9	4
72	Measuring Online Advertising Transparency in Singapore: An Investigation of Threats to Users. <i>SSRN Electronic Journal</i> , 2013 ,	1	3
71	A New Procedure to Help System/Network Administrators Identify Multiple Rootkit Infections 2010,		3
70	2009,		3
69	Coding distributed representations of natural scenes: a comparison of orthogonal and non-orthogonal models. <i>Neurocomputing</i> , 2004 , 61, 277-289	5.4	3
68	Estimating distributed coding efficiency in orthogonal models of facial processing. <i>Journal of Integrative Neuroscience</i> , 2003 , 2, 249-62	1.5	3
67	Psychophysiology, Cortical Arousal and Dynamical Complexity (DCX). <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , 1999 , 3, 211-233	0.4	3
66	A Systematic Approach to Measuring Advertising Transparency Online: An Australian Case Study. <i>SSRN Electronic Journal</i> ,	1	3

65	This would work perfectly if it weren't for all the humans: Two factor authentication in late modern societies. <i>First Monday</i> ,		3
64	Automated measurement of attitudes towards social distancing using social media: A COVID-19 case study. <i>First Monday</i> ,		3
63	Ransomware Mitigation in the Modern Era: A Comprehensive Review, Research Challenges, and Future Directions. <i>ACM Computing Surveys</i> , 2022 , 54, 1-36	13.4	3
62	Forensic Detection of Child Exploitation Material Using Deep Learning. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019 , 211-219	0.6	3
61	Improving speech emotion recognition based on acoustic words emotion dictionary. <i>Natural Language Engineering</i> , 2020 , 1-15	1.1	2
60	Privacy-preserving cooperative localization in vehicular edge computing infrastructure. <i>Concurrency Computation Practice and Experience</i> , 2020 , e5827	1.4	2
59	Clustering Student Participation: Implications for Education 2018 ,		2
58	Evaluating Accuracy in Prudence Analysis for Cyber Security. <i>Lecture Notes in Computer Science</i> , 2017 , 407-417	0.9	2
57	Child face detection using age specific luminance invariant geometric descriptor 2011 ,		2
56	Implications of Distributed Information Technology for South Pacific Development. <i>South Pacific Journal of Psychology</i> , 1997 , 9, 75-80		2
55	Visual detection of LSB-encoded natural image steganography. <i>ACM Transactions on Applied Perception</i> , 2008 , 5, 1-12	1.4	2
54	The Efficiency of Periodic Rekeying in Dynamic Group Key Management 2007 ,		2
53	A New Performance Evaluation Method for Face Identification - Regression Analysis of Misidentification Risk 2007 ,		2
52	Robustness of the New Owner-Tester Approach for Face Identification Experiments 2007 ,		2
51	Patterns of ownership of child model sites: Profiling the profiteers and consumers of child exploitation material. <i>First Monday</i> , 2013 , 18,		2
50	Patient Controlled, Privacy Preserving IoT Healthcare Data Sharing Framework 2020 ,		2
49	Illicit Image Detection: An MRF Model Based Stochastic Approach. <i>Lecture Notes in Electrical Engineering</i> , 2013 , 467-479	0.2	2
48	Enhancing early detection of cognitive impairment in the criminal justice system: feasibility of a proposed method. <i>Current Issues in Criminal Justice</i> , 2019 , 31, 60-74	1	2

47	An Empirical Analysis of Blockchain Cybersecurity Incidents 2019 ,		2
46	Illicit Image Detection Using Erotic Pose Estimation Based on Kinematic Constraints. <i>Lecture Notes in Electrical Engineering</i> , 2013 , 481-495	0.2	2
45	Modelling the effect of deception on investigations using open source intelligence (OSINT). <i>Journal of Money Laundering Control</i> , 2013 , 16, 238-248	0.8	1
44	Skype Traffic Classification Using Cost Sensitive Algorithms 2013 ,		1
43	Cyber Budget Optimization Through Security Event Clustering 2017 ,		1
42	Maximising Eyeballs but Facilitating Cybercrime? Ethical Challenges for Online Advertising in New Zealand 2015 ,		1
41	2013 ,		1
40	How much material on BitTorrent is infringing content? A case study. <i>Information Security Technical Report</i> , 2011 , 16, 79-87		1
39	University incorporated: implications for professional information security education. <i>Corporate Governance (Bingley)</i> , 2009 , 9, 564-572	4.2	1
38	New Traceability Codes and Identification Algorithm for Tracing Pirates 2008 ,		1
37	On the Complexity of Compensation Handling in WS-BPEL 2.0 for 3rd Party Logistics 2007 ,		1
36	Selecting parameters for phase space reconstruction of the electrocorticogram (ECoG). <i>Journal of Integrative Neuroscience</i> , 2005 , 4, 169-82	1.5	1
35	Simulating and visualizing neural networks with Mathematica. <i>International Journal of Mathematical Education in Science and Technology</i> , 2000 , 31, 639-649	0.5	1
34	Direct Machine Translation Systems as Dynamical Systems: The Iterative Semantic Processing (ISP) Paradigm. <i>Journal of Quantitative Linguistics</i> , 2000 , 7, 43-51	0.5	1
33	A review of cognitive and neurolinguistic deficits in Parkinson's disease. <i>South Pacific Journal of Psychology</i> , 1999 , 10, 112-119		1
32	The Prevalence of High-Risk and Mainstream Advertisements Targeting Canadians on Rogue Websites. <i>SSRN Electronic Journal</i> ,	1	1
31	Sweet As? Advertising on Rogue Websites in New Zealand. <i>SSRN Electronic Journal</i> ,	1	1
30	Indirect Attribution in Cyberspace. <i>Advances in Digital Crime, Forensics, and Cyber Terrorism</i> , 2015 , 246-262		1

29	Toward Detection of Child Exploitation Material: A Forensic Approach. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019 , 221-246	0.6	1
28	API Based Discrimination of Ransomware and Benign Cryptographic Programs. <i>Lecture Notes in Computer Science</i> , 2020 , 177-188	0.9	1
27	Gathering Intelligence on High-Risk Advertising and Film Piracy: A Study of the Digital Underground 2016 , 89-102		1
26	The Ethics of Corporate Censorship of Information-Sharing Behavior: A Nonconsequentialist Perspective. <i>Library Trends</i> , 2020 , 68, 697-711	0.6	1
25	A deep learning model for mining and detecting causally related events in tweets. <i>Concurrency Computation Practice and Experience</i> , 2020 , e5938	1.4	1
24	Answering Binary Causal Questions: A Transfer Learning Based Approach 2020 ,		1
23	Steganographic Transports: A Vector for Hidden Secret Internets? 2018 ,		1
22	Dynamic user-centric access control for detection of ransomware attacks. <i>Computers and Security</i> , 2021 , 111, 102461	4.9	1
21	Are sparse-coding simple cell receptive field models physiologically plausible?. <i>Journal of Integrative Neuroscience</i> , 2006 , 5, 333-53	1.5	0
20	A Consolidated Process Model for Identity Management. <i>Information Resources Management Journal</i> , 2012 , 25, 1-29	0.7	
19	INTERNET SECURITY APPLICATIONS OF GRBNER-SHIRSHOV BASES. <i>Asian-European Journal of Mathematics</i> , 2010 , 03, 435-442	0.4	
18	Using Simulation for Effective Computer Security Training. <i>Journal of Policing, Intelligence and Counter Terrorism</i> , 2006 , 1, 81-92	1	
17	S.C. Carr, E. McAuliffe, & M. MacLachlan (1998). Psychology of Aid. London: Routledge. ISBN 0-415-14207-5 (Hardcover).. <i>South Pacific Journal of Psychology</i> , 1998 , 10, 82-84		
16	The Internet and indigenous language use: A Filipino case study. <i>South Pacific Journal of Psychology</i> , 1999 , 10, 54-60		
15	Contextual Mobile Datasets, Pre-processing and Feature Selection 2021 , 59-73		
14	A Literature Review on Context-Aware Machine Learning and Mobile Data Analytics 2021 , 23-56		
13	Discovering User Behavioral Rules Based on Multi-Dimensional Contexts 2021 , 93-111		
12	Rapid Anomaly Detection Using Integrated Prudence Analysis (IPA). <i>Lecture Notes in Computer Science</i> , 2018 , 137-141	0.9	

11	Modelling the Efficacy of Auto-Internet Warnings to Reduce Demand for Child Exploitation Materials. <i>Lecture Notes in Computer Science</i> , 2018 , 318-329	0.9
10	A Technology and Process Analysis for Contemporary Identity Management Frameworks 2019 , 955-1008	
9	Named Entity Resolution in Social Media 2016 , 21-36	
8	A New Stochastic Model Based Approach for Object Identification and Segmentation in Textured Color Image 2010 , 309-314	
7	An Unsupervised Stochastic Model for Detection and Identification of Objects in Textured Color Images Using Segmentation Technique 2010 , 315-320	
6	A Technology and Process Analysis for Contemporary Identity Management Frameworks. <i>Advances in Information Quality and Management</i> , 2014 , 1-52	0.1
5	Introduction: The Role of Censorship in Late Modern Societies. <i>Library Trends</i> , 2020 , 68, 557-560	0.6
4	Le salaire vital: synth�se th�orique et pistes pour la recherche appliqu�e. <i>International Labour Review</i> , 2016 , 155, 1-27	0.1
3	Marco te�rico para un plan de investigaci�n aplicado al salario vital. <i>International Labour Review</i> , 2016 , 135, 1-28	0.1
2	Accessible virtual reality therapy using portable media devices. <i>Studies in Health Technology and Informatics</i> , 2010 , 154, 87-91	0.5
1	Creating Honey pots to Prevent Online Child Exploitation. <i>Future Internet</i> , 2022 , 14, 121	3.3