Paul Andrew Watters

List of Publications by Year in Descending Order

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	Ransomware Mitigation in the Modern Era: A Comprehensive Review, Research Challenges, and Future Directions. *ACM Computing Surveys*, **2022**, 54, 1-36	13.4	3
153	Creating Honeypots to Prevent Online Child Exploitation. *Future Internet*, **2022**, 14, 121	3.3	
152	Contextual Mobile Datasets, Pre-processing and Feature Selection **2021**, 59-73		
151	A Literature Review on Context-Aware Machine Learning and Mobile Data Analytics **2021**, 23-56		
150	Discovering User Behavioral Rules Based on Multi-Dimensional Contexts **2021**, 93-111		
149	Intelligent Dynamic Malware Detection using Machine Learning in IP Reputation for Forensics Data Analytics. *Future Generation Computer Systems*, **2021**, 118, 124-141	7.5	28
148	Effects of Automated Messages on Internet Users Attempting to Access "Barely Legal" Pornography. *Sexual Abuse: Journal of Research and Treatment*, **2021**, 10790632211013809	3.3	4
147	Security and Blockchain Convergence with Internet of Multimedia Things: Current Trends, Research Challenges and Future Directions. *Journal of Network and Computer Applications*, **2021**, 175, 102918-102918	7.9	14
146	Enforcing situation-aware access control to build malware-resilient file systems. *Future Generation Computer Systems*, **2021**, 115, 568-582	7.5	5
145	A Mechanism to Detect and Prevent Ethereum Blockchain Smart Contract Reentrancy Attacks. *Frontiers in Computer Science*, **2021**, 3,	3.4	6
144	A Secured and Intelligent Communication Scheme for IIoT-enabled Pervasive Edge Computing. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5128-5137	11.9	23
143	A Lightweight Mutual Authentication and Privacy-preservation Scheme for Intelligent Wearable Devices in Industrial-CPS. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5829-5839	11.9	28
142	Dynamic user-centric access control for detection of ransomware attacks. *Computers and Security*, **2021**, 111, 102461	4.9	1
141	Improving speech emotion recognition based on acoustic words emotion dictionary. *Natural Language Engineering*, **2020**, 1-15	1.1	2
140	Privacy-preserving cooperative localization in vehicular edge computing infrastructure. *Concurrency Computation Practice and Experience*, **2020**, e5827	1.4	2
139	Achieving security scalability and flexibility using Fog-Based Context-Aware Access Control. *Future Generation Computer Systems*, **2020**, 107, 307-323	7.5	24
138	Child sexual abuse material in child-centred institutions: situational crime prevention approaches. *Journal of Sexual Aggression*, **2020**, 26, 91-110	0.9	5

137	A Survey of Context-Aware Access Control Mechanisms for Cloud and Fog Networks: Taxonomy and Open Research Issues. *Sensors*, **2020**, 20,	3.8	23
136	A Service-Oriented Approach for Sensing in the Internet of Things: Intelligent Transportation Systems and Privacy Use Cases. *IEEE Sensors Journal*, **2020**, 1-1	4	12
135	API Based Discrimination of Ransomware and Benign Cryptographic Programs. *Lecture Notes in Computer Science*, **2020**, 177-188	0.9	1
134	Patient Controlled, Privacy Preserving IoT Healthcare Data Sharing Framework **2020**,		2
133	CalBehav: A Machine Learning-Based Personalized Calendar Behavioral Model Using Time-Series Smartphone Data. *Computer Journal*, **2020**, 63, 1109-1123	1.3	7
132	. *IEEE Access*, **2020**, 8, 171542-171550	3.5	13
131	Cybersecurity data science: an overview from machine learning perspective. *Journal of Big Data*, **2020**, 7,	11.7	86
130	The Ethics of Corporate Censorship of Information-Sharing Behavior: A Nonconsequentialist Perspective. *Library Trends*, **2020**, 68, 697-711	0.6	1
129	Significance of Phonological Features in Speech Emotion Recognition. *International Journal of Speech Technology*, **2020**, 23, 633-642	1.3	4
128	A deep learning model for mining and detecting causally related events in tweets. *Concurrency Computation Practice and Experience*, **2020**, e5938	1.4	1
127	Answering Binary Causal Questions: A Transfer Learning Based Approach **2020**,		1
126	Introduction: The Role of Censorship in Late Modern Societies. *Library Trends*, **2020**, 68, 557-560	0.6	
125	Effectiveness analysis of machine learning classification models for predicting personalized context-aware smartphone usage. *Journal of Big Data*, **2019**, 6,	11.7	75
124	Toward Detection of Child Exploitation Material: A Forensic Approach. *Advanced Sciences and Technologies for Security Applications*, **2019**, 221-246	0.6	1
123	A Technology and Process Analysis for Contemporary Identity Management Frameworks **2019**, 955-1008		
122	Forensic Detection of Child Exploitation Material Using Deep Learning. *Advanced Sciences and Technologies for Security Applications*, **2019**, 211-219	0.6	3
121	The Inadequacy of Entropy-Based Ransomware Detection. *Communications in Computer and Information Science*, **2019**, 181-189	0.3	17
120	Enhancing early detection of cognitive impairment in the criminal justice system: feasibility of a proposed method. *Current Issues in Criminal Justice*, **2019**, 31, 60-74	1	2

119 An Empirical Analysis of Blockchain Cybersecurity Incidents **2019**, 2

118 Trust Modeling for Blockchain-Based Wearable Data Market **2019**, 4

117 . *IEEE Access*, **2019**, 7, 167930-167943 3.5 55

116 Clustering Student Participation: Implications for Education **2018**, 2

115 Rapid Anomaly Detection Using Integrated Prudence Analysis (IPA). *Lecture Notes in Computer Science*, **2018**, 137-141 0.9

114 Modelling the Efficacy of Auto-Internet Warnings to Reduce Demand for Child Exploitation Materials. *Lecture Notes in Computer Science*, **2018**, 318-329 0.9

113 Steganographic Transports: A Vector for Hidden Secret Internets? **2018**, 1

112 Large Scale Behavioral Analysis of Ransomware Attacks. *Lecture Notes in Computer Science*, **2018**, 217-229 0.9 4

111 Evaluating Accuracy in Prudence Analysis for Cyber Security. *Lecture Notes in Computer Science*, **2017**, 407-417 0.9 2

110 Cyber Budget Optimization Through Security Event Clustering **2017**, 1

109 Named Entity Resolution in Social Media **2016**, 21-36

108 Gathering Intelligence on High-Risk Advertising and Film Piracy: A Study of the Digital Underground **2016**, 89-102 1

107 Le salaire vital: synthèse théorique et pistes pour la recherche appliquée. *International Labour Review*, **2016**, 155, 1-27 0.1

106 Marco teórico para un plan de investigación aplicado al salario vital. *International Labour Review*, **2016**, 135, 1-28 0.1

105 Can a living wage springboard human capability? An exploratory study from New Zealand. *Labour & Industry*, **2016**, 26, 24-39 1 11

104 Tertiary Education Students' Attitudes to the Harmfulness of Viewing and Distributing Child Pornography. *Psychiatry, Psychology and Law*, **2016**, 23, 224-239 1.3 7

103 Controlling information behaviour: the case for access control. *Behaviour and Information Technology*, **2016**, 35, 268-276 2.4 4

102 The living wage: Theoretical integration and an applied research agenda. *International Labour Review*, **2016**, 155, 1-24 1 33

101	Authorship analysis of aliases: Does topic influence accuracy?. *Natural Language Engineering*, **2015**, 21, 497-518	1.1	4
100	Social Media Sentiment Analysis: A New Empirical Tool for Assessing Public Opinion on Crime?. *Current Issues in Criminal Justice*, **2015**, 27, 217-236	1	12
99	Maximising Eyeballs but Facilitating Cybercrime? Ethical Challenges for Online Advertising in New Zealand **2015**,		1
98	Indirect Attribution in Cyberspace. *Advances in Digital Crime, Forensics, and Cyber Terrorism*, **2015**, 246-262	0.2	1
97	A methodology for estimating the tangible cost of data breaches. *Journal of Information Security and Applications*, **2014**, 19, 321-330	3.5	22
96	Analysis of Malware Behaviour: Using Data Mining Clustering Techniques to Support Forensics Investigation **2014**,		6
95	A Technology and Process Analysis for Contemporary Identity Management Frameworks. *Advances in Information Quality and Management*, **2014**, 1-52	0.1	
94	Modelling the effect of deception on investigations using open source intelligence (OSINT). *Journal of Money Laundering Control*, **2013**, 16, 238-248	0.8	1
93	Skype Traffic Classification Using Cost Sensitive Algorithms **2013**,		1
92	Young people, child pornography, and subcultural norms on the Internet. *Journal of the Association for Information Science and Technology*, **2013**, 64, 992-1000		14
91	REPLOT **2013**,		4
90	**2013**,		1
89	**2013**,		4
88	Measuring Surveillance in Online Advertising: A Big Data Approach **2013**,		4
87	Evaluating authorship distance methods using the positive Silhouette coefficient. *Natural Language Engineering*, **2013**, 19, 517-535	1.1	15
86	Automated unsupervised authorship analysis using evidence accumulation clustering. *Natural Language Engineering*, **2013**, 19, 95-120	1.1	22
85	Measuring Online Advertising Transparency in Singapore: An Investigation of Threats to Users. *SSRN Electronic Journal*, **2013**,	1	3
84	Patterns of ownership of child model sites: Profiling the profiteers and consumers of child exploitation material. *First Monday*, **2013**, 18,		2

83	Indirect Information Linkage for OSINT through Authorship Analysis of Aliases. *Lecture Notes in Computer Science*, **2013**, 36-46	0.9	9
82	Illicit Image Detection: An MRF Model Based Stochastic Approach. *Lecture Notes in Electrical Engineering*, **2013**, 467-479	0.2	2
81	Illicit Image Detection Using Erotic Pose Estimation Based on Kinematic Constraints. *Lecture Notes in Electrical Engineering*, **2013**, 481-495	0.2	2
80	The Maximum Degree & Diameter-Bounded Subgraph and its Applications. *Mathematical Modelling and Algorithms*, **2012**, 11, 249-268		9
79	Characterising and predicting cyber attacks using the Cyber Attacker Model Profile (CAMP). *Journal of Money Laundering Control*, **2012**, 15, 430-441	0.8	25
78	Characterising Network Traffic for Skype Forensics **2012**,		8
77	Authorship Attribution of IRC Messages Using Inverse Author Frequency **2012**,		11
76	A Consolidated Process Model for Identity Management. *Information Resources Management Journal*, **2012**, 25, 1-29	0.7	
75	Recentred local profiles for authorship attribution. *Natural Language Engineering*, **2012**, 18, 293-312	1.1	24
74	Cybercrime: The Case of Obfuscated Malware. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2012**, 204-211	0.2	26
73	Unsupervised authorship analysis of phishing webpages **2012**,		10
72	Detecting Illicit Drugs on Social Media Using Automated Social Media Intelligence Analysis (ASMIA). *Lecture Notes in Computer Science*, **2012**, 66-76	0.9	12
71	A Survey on Latest Botnet Attack and Defense **2011**,		28
70	A methodology for analyzing the credential marketplace. *Journal of Money Laundering Control*, **2011**, 14, 32-43	0.8	5
69	Real-time detection of children's skin on social networking sites using Markov random field modelling. *Information Security Technical Report*, **2011**, 16, 51-58		7
68	How much material on BitTorrent is infringing content? A case study. *Information Security Technical Report*, **2011**, 16, 79-87		1
67	Internet subcultures and pathways to the use of child pornography. *Computer Law and Security Review*, **2011**, 27, 585-600	3	35
66	The factor structure of cybersickness. *Displays*, **2011**, 32, 153-158	3.4	36

65	Optimization of classifiers for data mining based on combinatorial semigroups. *Semigroup Forum*, **2011**, 82, 242-251	0.5	6
64	Child face detection using age specific luminance invariant geometric descriptor **2011**,		2
63	**2010**,		4
62	RBACS: Rootkit Behavioral Analysis and Classification System **2010**,		11
61	INTERNET SECURITY APPLICATIONS OF GRÖBNER-SHIRSHOV BASES. *Asian-European Journal of Mathematics*, **2010**, 03, 435-442	0.4	
60	Authorship Attribution for Twitter in 140 Characters or Less **2010**,		59
59	Towards Understanding Malware Behaviour by the Extraction of API Calls **2010**,		65
58	Windows Rootkits: Attacks and Countermeasures **2010**,		4
57	Automatically determining phishing campaigns using the USCAP methodology **2010**,		14
56	A New Procedure to Help System/Network Administrators Identify Multiple Rootkit Infections **2010**,		3
55	The Seven Scam Types: Mapping the Terrain of Cybercrime **2010**,		18
54	Internet security applications of the Munn rings. *Semigroup Forum*, **2010**, 81, 162-171	0.5	6
53	A New Stochastic Model Based Approach for Object Identification and Segmentation in Textured Color Image **2010**, 309-314		
52	An Unsupervised Stochastic Model for Detection and Identification of Objects in Textured Color Images Using Segmentation Technique **2010**, 315-320		
51	Accessible virtual reality therapy using portable media devices. *Studies in Health Technology and Informatics*, **2010**, 154, 87-91	0.5	
50	Using Differencing to Increase Distinctiveness for Phishing Website Clustering **2009**,		10
49	Automatically Generating Classifier for Phishing Email Prediction **2009**,		4
48	Estimating Cybersickness of Simulated Motion Using the Simulator Sickness Questionnaire (SSQ): A Controlled Study **2009**,		26

29	Using Simulation for Effective Computer Security Training. *Journal of Policing, Intelligence and Counter Terrorism*, **2006**, 1, 81-92	1	
28	Selecting parameters for phase space reconstruction of the electrocorticogram (ECoG). *Journal of Integrative Neuroscience*, **2005**, 4, 169-82	1.5	1
27	Coding distributed representations of natural scenes: a comparison of orthogonal and non-orthogonal models. *Neurocomputing*, **2004**, 61, 277-289	5.4	3
26	A method for estimating long-range power law correlations from the electroencephalogram. *Biological Psychology*, **2004**, 66, 79-89	3.2	19
25	DISTRIBUTED VARIANCE IN LOCALIZED PRINCIPAL COMPONENTS OF WHITENED NATURAL SCENES. *International Journal of Pattern Recognition and Artificial Intelligence*, **2003**, 17, 1431-1446	1.1	4
24	Estimating distributed coding efficiency in orthogonal models of facial processing. *Journal of Integrative Neuroscience*, **2003**, 2, 249-62	1.5	3
23	Discriminating English Word Senses Using Cluster Analysis. *Journal of Quantitative Linguistics*, **2002**, 9, 77-86	0.5	9
22	Competition, inhibition, and semantic judgment errors in Parkinson's disease. *Brain and Language*, **2002**, 80, 328-39	2.9	9
21	A comparison of natural-image-based models of simple-cell coding. *Perception*, **2000**, 29, 1017-40	1.2	25
20	Time-invariant long-range correlations in electroencephalogram dynamics. *International Journal of Systems Science*, **2000**, 31, 819-825	2.3	15
19	Simulating and visualizing neural networks with Mathematica. *International Journal of Mathematical Education in Science and Technology*, **2000**, 31, 639-649	0.5	1
18	Direct Machine Translation Systems as Dynamical Systems: The Iterative Semantic Processing (ISP) Paradigm. *Journal of Quantitative Linguistics*, **2000**, 7, 43-51	0.5	1
17	A review of cognitive and neurolinguistic deficits in Parkinson's disease. *South Pacific Journal of Psychology*, **1999**, 10, 112-119	1	
16	The Internet and indigenous language use: A Filipino case study. *South Pacific Journal of Psychology*, **1999**, 10, 54-60		
15	A Neural Network Model of Semantic Processing Errors in Parkinson's Disease. *Neural Processing Letters*, **1999**, 9, 189-199	2.4	4
14	Psychophysiology, Cortical Arousal and Dynamical Complexity (DCX). *Nonlinear Dynamics, Psychology, and Life Sciences*, **1999**, 3, 211-233	0.4	3
13	Semantic processing performance of Internet machine translation systems. *Internet Research*, **1999**, 9, 153-160	4.8	7
12	Quadratic dose-response relationship between caffeine (1,3,7-trimethylxanthine) and EEG correlation dimension. *Psychopharmacology*, **1998**, 136, 264-71	4.7	12

11 Evaluating Internet information services in the Asia-Pacific region. *Internet Research*, **1998**, 8, 266-271   4.8   7

10 S.C. Carr, E. McAuliffe, & M. MacLachlan (1998). Psychology of Aid. London: Routledge. ISBN 0-415-14207-5 (Hardcover).. *South Pacific Journal of Psychology*, **1998**, 10, 82-84

9 Implications of Distributed Information Technology for South Pacific Development. *South Pacific Journal of Psychology*, **1997**, 9, 75-80   2

8 Caffeine and Cognitive Performance: The Nonlinear Yerkes‑Dodson Law. *Human Psychopharmacology*, **1997**, 12, 249-257   2.3   37

7 A Systematic Approach to Measuring Advertising Transparency Online: An Australian Case Study. *SSRN Electronic Journal*,   1   3

6 The Prevalence of High-Risk and Mainstream Advertisements Targeting Canadians on Rogue Websites. *SSRN Electronic Journal*,   1   1

5 Sweet As? Advertising on Rogue Websites in New Zealand. *SSRN Electronic Journal*,   1   1

4 Information Security Governance. *Advances in Information Security, Privacy, and Ethics Book Series*, 293-315   0.3   14

3 Establishing Reasoning Communities of Security Experts for Internet Commerce Security 380-396   6

2 This would work perfectly if it weren't for all the humans: Two factor authentication in late modern societies. *First Monday*,   3

1 Automated measurement of attitudes towards social distancing using social media: A COVID-19 case study. *First Monday*,   3