

Paul Andrew Watters

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

2,569
citations

304368

22
h-index

301761

39
g-index

182
all docs

182
docs citations

182
times ranked

1709
citing authors

#	ARTICLE	IF	CITATIONS
1	Cybersecurity data science: an overview from machine learning perspective. Journal of Big Data, 2020, 7, .	6.9	246
2	Effectiveness analysis of machine learning classification models for predicting personalized context-aware smartphone usage. Journal of Big Data, 2019, 6, .	6.9	151
3	A Comparative Analysis of Distributed Ledger Technology Platforms. IEEE Access, 2019, 7, 167930-167943.	2.6	125
4	Towards Understanding Malware Behaviour by the Extraction of API Calls. , 2010, , .		98
5	Intelligent Dynamic Malware Detection using Machine Learning in IP Reputation for Forensics Data Analytics. Future Generation Computer Systems, 2021, 118, 124-141.	4.9	84
6	Authorship Attribution for Twitter in 140 Characters or Less. , 2010, , .		83
7	The factor structure of cybersickness. Displays, 2011, 32, 153-158.	2.0	63
8	Lightweight Mutual Authentication and Privacy-Preservation Scheme for Intelligent Wearable Devices in Industrial-CPS. IEEE Transactions on Industrial Informatics, 2021, 17, 5829-5839.	7.2	57
9	A Survey of Context-Aware Access Control Mechanisms for Cloud and Fog Networks: Taxonomy and Open Research Issues. Sensors, 2020, 20, 2464.	2.1	53
10	Detecting Phishing Emails Using Hybrid Features. , 2009, , .		51
11	The living wage: Theoretical integration and an applied research agenda. International Labour Review, 2016, 155, 1-24.	1.0	47
12	Caffeine and Cognitive Performance: The Nonlinear Yerkes-Dodson Law. Human Psychopharmacology, 1997, 12, 249-257.	0.7	44
13	A methodology for estimating the tangible cost of data breaches. Journal of Information Security and Applications, 2014, 19, 321-330.	1.8	42
14	A Secured and Intelligent Communication Scheme for IIoT-enabled Pervasive Edge Computing. IEEE Transactions on Industrial Informatics, 2021, 17, 5128-5137.	7.2	42
15	Estimating Cybersickness of Simulated Motion Using the Simulator Sickness Questionnaire (SSQ): A Controlled Study. , 2009, , .		41
16	Achieving security scalability and flexibility using Fog-Based Context-Aware Access Control. Future Generation Computer Systems, 2020, 107, 307-323.	4.9	41
17	Internet subcultures and pathways to the use of child pornography. Computer Law and Security Review, 2011, 27, 585-600.	1.3	40
18	A Survey on Latest Botnet Attack and Defense. , 2011, , .		37

#	ARTICLE	IF	CITATIONS
19	Wiki Pedagogy ? A Tale of Two Wikis. , 2006, , .		36
20	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.	5.8	36
21	Characterising and predicting cyber attacks using the Cyber Attacker Model Profile (CAMP). Journal of Money Laundering Control, 2012, 15, 430-441.	0.7	35
22	Cybercrime: The Case of Obfuscated Malware. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 204-211.	0.2	34
23	Automated unsupervised authorship analysis using evidence accumulation clustering. Natural Language Engineering, 2013, 19, 95-120.	2.1	33
24	A Service-Oriented Approach for Sensing in the Internet of Things: Intelligent Transportation Systems and Privacy Use Cases. IEEE Sensors Journal, 2021, 21, 15753-15761.	2.4	32
25	The Inadequacy of Entropy-Based Ransomware Detection. Communications in Computer and Information Science, 2019, , 181-189.	0.4	32
26	Ransomware Mitigation in the Modern Era: A Comprehensive Review, Research Challenges, and Future Directions. ACM Computing Surveys, 2022, 54, 1-36.	16.1	32
27	The Seven Scam Types: Mapping the Terrain of Cybercrime. , 2010, , .		31
28	A Comparison of Natural-Image-Based Models of Simple-Cell Coding. Perception, 2000, 29, 1017-1040.	0.5	30
29	Recentred local profiles for authorship attribution. Natural Language Engineering, 2012, 18, 293-312.	2.1	27
30	Young people, child pornography, and subcultural norms on the Internet. Journal of the Association for Information Science and Technology, 2013, 64, 992-1000.	2.6	25
31	A Novel Face Hashing Method with Feature Fusion for Biometric Cryptosystems. , 2007, , .		24
32	A method for estimating long-range power law correlations from the electroencephalogram. Biological Psychology, 2004, 66, 79-89.	1.1	22
33	Evaluating authorship distance methods using the positive Silhouette coefficient. Natural Language Engineering, 2013, 19, 517-535.	2.1	22
34	Multi-Loss Siamese Neural Network With Batch Normalization Layer for Malware Detection. IEEE Access, 2020, 8, 171542-171550.	2.6	22
35	Automatically determining phishing campaigns using the USCAP methodology. , 2010, , .		20
36	Characterising Network Traffic for Skype Forensics. , 2012, , .		19

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37	Detecting Illicit Drugs on Social Media Using Automated Social Media Intelligence Analysis (ASMIA). Lecture Notes in Computer Science, 2012, , 66-76.	1.0	19
38	Information Security Governance. Advances in Information Security, Privacy, and Ethics Book Series, 0, , 293-315.	0.4	19
39	Time-invariant long-range correlations in electroencephalogram dynamics. International Journal of Systems Science, 2000, 31, 819-825.	3.7	18
40	The Case for a Consistent Cyberscam Classification Framework (CCCF). , 2009, , .		18
41	A Preliminary Profiling of Internet Money Mules: An Australian Perspective. , 2009, , .		18
42	Determining provenance in phishing websites using automated conceptual analysis. , 2009, , .		17
43	Social Media Sentiment Analysis: A New Empirical Tool for Assessing Public Opinion on Crime?. Current Issues in Criminal Justice, 2015, 27, 217-236.	0.8	17
44	RBACS: Rootkit Behavioral Analysis and Classification System. , 2010, , .		16
45	Authorship Attribution of IRC Messages Using Inverse Author Frequency. , 2012, , .		16
46	A Mechanism to Detect and Prevent Ethereum Blockchain Smart Contract Reentrancy Attacks. Frontiers in Computer Science, 2021, 3, .	1.7	15
47	Quadratic dose-response relationship between caffeine (1,3,7-trimethylxanthine) and EEG correlation dimension. Psychopharmacology, 1998, 136, 264-271.	1.5	14
48	Discriminating English Word Senses Using Cluster Analysis. Journal of Quantitative Linguistics, 2002, 9, 77-86.	0.7	14
49	Unsupervised authorship analysis of phishing webpages. , 2012, , .		14
50	Using Differencing to Increase Distinctiveness for Phishing Website Clustering. , 2009, , .		13
51	Effects of Automated Messages on Internet Users Attempting to Access "Barely Legal" Pornography. Sexual Abuse: Journal of Research and Treatment, 2022, 34, 106-124.	0.9	13
52	The Maximum Degree & Diameter-Bounded Subgraph and its Applications. Mathematical Modelling and Algorithms, 2012, 11, 249-268.	0.5	12
53	Can a "living wage"™ springboard human capability? An exploratory study from New Zealand. Labour & Industry, 2016, 26, 24-39.	0.8	12
54	Dynamic user-centric access control for detection of ransomware attacks. Computers and Security, 2021, 111, 102461.	4.0	12

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55	Analysis of Malware Behaviour: Using Data Mining Clustering Techniques to Support Forensics Investigation. , 2014, , .		11
56	Enforcing situation-aware access control to build malware-resilient file systems. Future Generation Computer Systems, 2021, 115, 568-582.	4.9	11
57	Competition, Inhibition, and Semantic Judgment Errors in Parkinson's Disease. Brain and Language, 2002, 80, 328-339.	0.8	10
58	Indirect Information Linkage for OSINT through Authorship Analysis of Aliases. Lecture Notes in Computer Science, 2013, , 36-46.	1.0	10
59	Semantic processing performance of Internet machine translation systems. Internet Research, 1999, 9, 153-160.	2.7	9
60	Real-time detection of children's skin on social networking sites using Markov random field modelling. Information Security Technical Report, 2011, 16, 51-58.	1.3	9
61	ICANN or ICANT: Is WHOIS an Enabler of Cybercrime?. , 2013, , .		9
62	Measuring Online Advertising Transparency in Singapore: An Investigation of Threats to Users. SSRN Electronic Journal, 2013, , .	0.4	9
63	Significance of Phonological Features in Speech Emotion Recognition. International Journal of Speech Technology, 2020, 23, 633-642.	1.4	9
64	Child sexual abuse material in child-centred institutions: situational crime prevention approaches. Journal of Sexual Aggression, 2020, 26, 91-110.	0.7	9
65	Evaluating Internet information services in the Asia-Pacific region. Internet Research, 1998, 8, 266-271.	2.7	8
66	Internet security applications of the Munn rings. Semigroup Forum, 2010, 81, 162-171.	0.3	8
67	Optimization of classifiers for data mining based on combinatorial semigroups. Semigroup Forum, 2011, 82, 242-251.	0.3	8
68	Tertiary Education Students' Attitudes to the Harmfulness of Viewing and Distributing Child Pornography. Psychiatry, Psychology and Law, 2016, 23, 224-239.	0.9	8
69	A Systematic Approach to Measuring Advertising Transparency Online: An Australian Case Study. SSRN Electronic Journal, 0, , .	0.4	8
70	Automated measurement of attitudes towards social distancing using social media: A COVID-19 case study. First Monday, 0, , .	0.6	8
71	Autonomic Nervous System Factors Underlying Anxiety in Virtual Environments: A Regression Model for Cybersickness. , 2009, , .		7
72	Measuring Surveillance in Online Advertising: A Big Data Approach. , 2013, , .		7

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73	Controlling information behaviour: the case for access control. Behaviour and Information Technology, 2016, 35, 268-276.	2.5	7
74	Large Scale Behavioral Analysis of Ransomware Attacks. Lecture Notes in Computer Science, 2018, , 217-229.	1.0	7
75	An Empirical Analysis of Blockchain Cybersecurity Incidents. , 2019, , .		7
76	CalBehav: A Machine Learning-Based Personalized Calendar Behavioral Model Using Time-Series Smartphone Data. Computer Journal, 2020, 63, 1109-1123.	1.5	7
77	Establishing Reasoning Communities of Security Experts for Internet Commerce Security. , 0, , 380-396.		7
78	Why do users trust the wrong messages? A behavioural model of phishing. , 2009, , .		6
79	Identifying Rootkit Infections Using Data Mining. , 2010, , .		6
80	Windows Rootkits: Attacks and Countermeasures. , 2010, , .		6
81	How much material on BitTorrent is infringing content? A case study. Information Security Technical Report, 2011, 16, 79-87.	1.3	6
82	Trust Modeling for Blockchain-Based Wearable Data Market. , 2019, , .		6
83	Are Younger People More Difficult to Identify or Just a Peer-to-Peer Effect. Lecture Notes in Computer Science, 2007, , 351-359.	1.0	6
84	Psychophysiology, Cortical Arousal and Dynamical Complexity (DCX). Nonlinear Dynamics, Psychology, and Life Sciences, 1999, 3, 211-233.	0.2	5
85	DISTRIBUTED VARIANCE IN LOCALIZED PRINCIPAL COMPONENTS OF WHITENED NATURAL SCENES. International Journal of Pattern Recognition and Artificial Intelligence, 2003, 17, 1431-1446.	0.7	5
86	The Efficiency of Periodic Rekeying in Dynamic Group Key Management. , 2007, , .		5
87	Automatically Generating Classifier for Phishing Email Prediction. , 2009, , .		5
88	A methodology for analyzing the credential marketplace. Journal of Money Laundering Control, 2011, 14, 32-43.	0.7	5
89	Mainstream Advertising Support for Online Piracy in Taiwan. SSRN Electronic Journal, 0, , .	0.4	5
90	Maximising Eyeballs but Facilitating Cybercrime? Ethical Challenges for Online Advertising in New Zealand. , 2015, , .		5

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91	A deep learning model for mining and detecting causally related events in tweets. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e5938.	1.4	5
92	Privacy-preserving cooperative localization in vehicular edge computing infrastructure. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e5827.	1.4	5
93	The Prevalence of High-Risk and Mainstream Advertisements Targeting Canadians on Rogue Websites. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
94	This would work perfectly if it weren't for all the humans: Two factor authentication in late modern societies. <i>First Monday</i> , 0, , .	0.6	5
95	Investigating Malware Epidemiology and Child Exploitation Using Algorithmic Ethnography. , 2018, , .		5
96	A Neural Network Model of Semantic Processing Errors in Parkinson's Disease. <i>Neural Processing Letters</i> , 1999, 9, 189-199.	2.0	4
97	The Problem of Meaning: Behavioral and Cognitive Perspectives. <i>Language</i> , 1999, 75, 611.	0.3	4
98	Skype Traffic Classification Using Cost Sensitive Algorithms. , 2013, , .		4
99	RELOT. , 2013, , .		4
100	Mainstream Advertising on Rogue Websites in Hong Kong: A Comparison of Chinese and Western Titles. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	4
101	Authorship analysis of aliases: Does topic influence accuracy?. <i>Natural Language Engineering</i> , 2015, 21, 497-518.	2.1	4
102	Improving speech emotion recognition based on acoustic words emotion dictionary. <i>Natural Language Engineering</i> , 2021, 27, 747-761.	2.1	4
103	Computational Approaches to Language Acquisition. <i>Language</i> , 1999, 75, 190.	0.3	3
104	ESTIMATING DISTRIBUTED CODING EFFICIENCY IN ORTHOGONAL MODELS OF FACIAL PROCESSING. <i>Journal of Integrative Neuroscience</i> , 2003, 02, 249-262.	0.8	3
105	Coding distributed representations of natural scenes: a comparison of orthogonal and non-orthogonal models. <i>Neurocomputing</i> , 2004, 61, 277-289.	3.5	3
106	A New Performance Evaluation Method for Face Identification - Regression Analysis of Misidentification Risk. , 2007, , .		3
107	On the Complexity of Compensation Handling in WS-BPEL 2.0 for 3rd Party Logistics. , 2007, , .		3
108	Visual detection of LSB-encoded natural image steganography. <i>ACM Transactions on Applied Perception</i> , 2008, 5, 1-12.	1.2	3

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109	Establishing phishing provenance using orthographic features. , 2009, , .		3
110	Data Loss in the British Government: A Bounty of Credentials for Organised Crime. , 2009, , .		3
111	A New Procedure to Help System/Network Administrators Identify Multiple Rootkit Infections. , 2010, , .		3
112	Fake File Detection in P2P Networks by Consensus and Reputation. , 2011, , .		3
113	Clustering Student Participation: Implications for Education. , 2018, , .		3
114	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.	0.8	3
115	Answering Binary Causal Questions: A Transfer Learning Based Approach. , 2020, , .		3
116	Illicit Image Detection Using Erotic Pose Estimation Based on Kinematic Constraints. Lecture Notes in Electrical Engineering, 2013, , 481-495.	0.3	3
117	Sweet As? Advertising on Rogue Websites in New Zealand. SSRN Electronic Journal, 0, , .	0.4	3
118	Mainstream Advertising on Rogue Websites in Malaysia: A Comparison of Local and Foreign Content. SSRN Electronic Journal, 0, , .	0.4	3
119	Patterns of ownership of child model sites: Profiling the profiteers and consumers of child exploitation material. First Monday, 2013, 18, .	0.6	3
120	Censorship is $\text{f}\ddot{\text{u}}\text{r}\ddot{\text{u}}\text{b}\ddot{\text{e}}\text{r}\ddot{\text{u}}\text{b}\ddot{\text{e}}\text{r}\ddot{\text{u}}\text{b}\ddot{\text{e}}\text{r}$ possible but difficult: A study in algorithmic ethnography. First Monday, 0, , .	0.6	3
121	Gathering Intelligence on High-Risk Advertising and Film Piracy: A Study of the Digital Underground. , 2016, , 89-102.		3
122	Implications of Distributed Information Technology for South Pacific Development. South Pacific Journal of Psychology, 1997, 9, 75-80.	0.3	2
123	Robustness of the New Owner-Tester Approach for Face Identification Experiments. , 2007, , .		2
124	Child face detection using age specific luminance invariant geometric descriptor. , 2011, , .		2
125	A Consolidated Process Model for Identity Management. Information Resources Management Journal, 2012, 25, 1-29.	0.8	2
126	Identifying Faked Hotel Reviews Using Authorship Analysis. , 2013, , .		2

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127	Malicious Advertising and Music Piracy: A New Zealand Case Study. , 2014, , .		2
128	Evaluating Accuracy in Prudence Analysis for Cyber Security. Lecture Notes in Computer Science, 2017, , 407-417.	1.0	2
129	Cyber Budget Optimization Through Security Event Clustering. , 2017, , .		2
130	The Ethics of Corporate Censorship of Information-Sharing Behavior: A Nonconsequentialist Perspective. Library Trends, 2020, 68, 697-711.	0.2	2
131	Illicit Image Detection: An MRF Model Based Stochastic Approach. Lecture Notes in Electrical Engineering, 2013, , 467-479.	0.3	2
132	Toward Detection of Child Exploitation Material: A Forensic Approach. Advanced Sciences and Technologies for Security Applications, 2019, , 221-246.	0.4	2
133	Patient Controlled, Privacy Preserving IoT Healthcare Data Sharing Framework. , 2020, , .		2
134	Accessible virtual reality therapy using portable media devices. Studies in Health Technology and Informatics, 2010, 154, 87-91.	0.2	2
135	Creating Honeypots to Prevent Online Child Exploitation. Future Internet, 2022, 14, 121.	2.4	2
136	A review of cognitive and neurolinguistic deficits in Parkinson's disease. South Pacific Journal of Psychology, 1999, 10, 112-119.	0.3	1
137	Simulating and visualizing neural networks with Mathematica. International Journal of Mathematical Education in Science and Technology, 2000, 31, 639-649.	0.8	1
138	Direct Machine Translation Systems as Dynamical Systems: The Iterative Semantic Processing (ISP) Paradigm. Journal of Quantitative Linguistics, 2000, 7, 43-51.	0.7	1
139	SELECTING PARAMETERS FOR PHASE SPACE RECONSTRUCTION OF THE ELECTROCORTICOGRAM (ECoG). Journal of Integrative Neuroscience, 2005, 04, 169-182.	0.8	1
140	ARE SPARSE-CODING SIMPLE CELL RECEPTIVE FIELD MODELS PHYSIOLOGICALLY PLAUSIBLE?. Journal of Integrative Neuroscience, 2006, 05, 333-353.	0.8	1
141	New Traceability Codes and Identification Algorithm for Tracing Pirates. , 2008, , .		1
142	Enabling access to british birth cohort studies: A Secure Web Interface for the NSHD (SWIFT). , 2009, , .		1
143	University incorporated: implications for professional information security education. Corporate Governance (Bingley), 2009, 9, 564-572.	3.2	1
144	Modelling the effect of deception on investigations using open source intelligence (OSINT). Journal of Money Laundering Control, 2013, 16, 238-248.	0.7	1

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145	Steganographic Transports: A Vector for Hidden Secret Internets?. , 2018, , .		1
146	AVOCAD: Adaptive Terrorist Comms Surveillance and Interception using Machine Learning. , 2019, , .		1
147	Special Issue "Security Threats and Countermeasures in Cyber-Physical Systems" Journal of Sensor and Actuator Networks, 2021, 10, 54.	2.3	1
148	Indirect Attribution in Cyberspace. Advances in Digital Crime, Forensics, and Cyber Terrorism, 2015, , 246-262.	0.4	1
149	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.	0.3	0
150	The Internet and indigenous language use: A Filipino case study. South Pacific Journal of Psychology, 1999, 10, 54-60.	0.3	0
151	Semantica. Language, 1999, 75, 217.	0.3	0
152	Using Simulation for Effective Computer Security Training. Journal of Policing, Intelligence and Counter Terrorism, 2006, 1, 81-92.	0.5	0
153	Visual Detection of High Capacity Natural Image Steganography: Is A Known Cover Effective?. , 2007, , .		0
154	A Face Hashing Algorithm using Mutual Information and Feature Fusion. , 2007, , .		0
155	INTERNET SECURITY APPLICATIONS OF GRÄ–BNER-SHIRSHOV BASES. Asian-European Journal of Mathematics, 2010, 03, 435-442.	0.2	0
156	Towards an Implementation of Information Flow Security Using Semantic Web Technologies. , 2012, , .		0
157	Challenges to Automated Allegory Resolution in Open Source Intelligence. , 2012, , .		0
158	The Impact of High Risk Advertising on Thai Social Values: The Role of Piracy Websites. SSRN Electronic Journal, 2015, , .	0.4	0
159	Le salaire vital: synthÃ“se thÃ©orique et pistes pour la recherche appliquÃ©e. International Labour Review, 2016, 155, 1-27.	0.1	0
160	Marco teÃ³rico para un plan de investigaci3n aplicado al salario vital. International Labour Review, 2016, 135, 1-28.	0.1	0
161	Peeking behind the great firewall: Privacy on Chinese file sharing networks. , 2016, , .		0
162	Cyber-Situational Awareness in the Presence of Encryption. , 2017, , .		0

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163	Measuring Personal Privacy Breaches Using Third-Party Trackers. , 2018, , .		0
164	Introduction: The Role of Censorship in Late Modern Societies. Library Trends, 2020, 68, 557-560.	0.2	0
165	Responsibility Attribution Against Data Breaches. , 2020, , .		0
166	A New Stochastic Model Based Approach for Object Identification and Segmentation in Textured Color Image. , 2010, , 309-314.		0
167	Do Rogue Websites and High Risk Advertising Undermine Social Policy in Vietnam?. SSRN Electronic Journal, 0, , .	0.4	0
168	A Technology and Process Analysis for Contemporary Identity Management Frameworks. Advances in Information Quality and Management, 2014, , 1-52.	0.3	0
169	How Risky are Piracy Websites for Indonesians? The Role of Search. SSRN Electronic Journal, 0, , .	0.4	0
170	Named Entity Resolution in Social Media. , 2016, , 21-36.		0
171	Rapid Anomaly Detection Using Integrated Prudence Analysis (IPA). Lecture Notes in Computer Science, 2018, , 137-141.	1.0	0
172	Modelling the Efficacy of Auto-Internet Warnings to Reduce Demand for Child Exploitation Materials. Lecture Notes in Computer Science, 2018, , 318-329.	1.0	0
173	A Technology and Process Analysis for Contemporary Identity Management Frameworks. , 2019, , 955-1008.		0