

# Rami Puzis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5855391/publications.pdf>

Version: 2024-02-01

81  
papers

1,220  
citations

471061

17  
h-index

476904

29  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1202  
citing authors

#	ARTICLE	IF	CITATIONS
1	How and when to stop the co-training process. Expert Systems With Applications, 2022, 187, 115841.	4.4	1
2	Prioritizing vulnerability patches in large networks. Expert Systems With Applications, 2022, 193, 116467.	4.4	2
3	Iterative query selection for opaque search engines with pseudo relevance feedback. Expert Systems With Applications, 2022, , 117027.	4.4	2
4	Contextual security awareness: A context-based approach for assessing the security awareness of users. Knowledge-Based Systems, 2022, 246, 108709.	4.0	13
5	Global and Local Trends Affecting the Experience of US and UK Healthcare Professionals during COVID-19: Twitter Text Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 6895.	1.2	6
6	Detecting Clickbait in Online Social Media: You Won't Believe How We Did It. Lecture Notes in Computer Science, 2022, , 377-387.	1.0	3
7	It Runs in the Family: Unsupervised Algorithm for Alternative Name Suggestion Using Digitized Family Trees. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	0
8	The State of Mind of Health Care Professionals in Light of the COVID-19 Pandemic: Text Analysis Study of Twitter Discourses. Journal of Medical Internet Research, 2021, 23, e30217.	2.1	13
9	Tissue resilience: lessons from social resilience. EMBO Reports, 2021, 22, e52926.	2.0	1
10	Leadership Hijacking in Docker Swarm and Its Consequences. Entropy, 2021, 23, 914.	1.1	4
11	The interplay between vaccination and social distancing strategies affects COVID19 population-level outcomes. PLoS Computational Biology, 2021, 17, e1009319.	1.5	7
12	How does that name sound? Name representation learning using accent-specific speech generation. Knowledge-Based Systems, 2021, 227, 107229.	4.0	0
13	Android malware detection via an app similarity graph. Computers and Security, 2021, 109, 102386.	4.0	24
14	Mind Your Mind. ACM Computing Surveys, 2021, 53, 1-38.	16.1	19
15	Spillover Today? Predicting Traffic Overflows on Private Peering of Major Content Providers. IEEE Transactions on Network and Service Management, 2021, 18, 4169-4182.	3.2	0
16	PALE: Time Bounded Practical Agile Leader Election. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 470-485.	4.0	2
17	Increased cyber-biosecurity for DNA synthesis. Nature Biotechnology, 2020, 38, 1379-1381.	9.4	19
18	Evaluating the Information Security Awareness of Smartphone Users. , 2020, , .		14

#	ARTICLE	IF	CITATIONS
19	The Chameleon Attack: Manipulating Content Display in Online Social Media. , 2020, , .		3
20	Deep Learning for Threat Actor Attribution from Threat Reports. , 2020, , .		2
21	Detecting Organization-Targeted Socialbots by Monitoring Social Network Profiles. Networks and Spatial Economics, 2019, 19, 731-761.	0.7	2
22	A Genetic Algorithm to Optimize Weighted Gene Co-Expression Network Analysis. Journal of Computational Biology, 2019, 26, 1349-1366.	0.8	18
23	Using malware for the greater good: Mitigating data leakage. Journal of Network and Computer Applications, 2019, 145, 102405.	5.8	6
24	New Goal Recognition Algorithms Using Attack Graphs. Lecture Notes in Computer Science, 2019, , 260-278.	1.0	3
25	NO-DOUBT: Attack Attribution Based On Threat Intelligence Reports. , 2019, , .		7
26	Combined network analysis and machine learning allows the prediction of metabolic pathways from tomato metabolomics data. Communications Biology, 2019, 2, 214.	2.0	53
27	Deployment optimization of IoT devices through attack graph analysis. , 2019, , .		12
28	Attack Hypothesis Generation. , 2019, , .		10
29	Target oriented network intelligence collection: effective exploration of social networks. World Wide Web, 2019, 22, 1447-1480.	2.7	0
30	EEGNAS: Neural Architecture Search for Electroencephalography Data Analysis and Decoding. Communications in Computer and Information Science, 2019, , 3-20.	0.4	10
31	Embedding-Centrality: Generic Centrality Computation Using Neural Networks. Springer Proceedings in Complexity, 2018, , 87-97.	0.2	0
32	Transfer Learning for User Action Identification in Mobile Apps via Encrypted Trafic Analysis. IEEE Intelligent Systems, 2018, 33, 40-53.	4.0	17
33	EEG-triggered dynamic difficulty adjustment for multiplayer games. Entertainment Computing, 2018, 25, 14-25.	1.8	50
34	Taxonomy of mobile users' security awareness. Computers and Security, 2018, 73, 266-293.	4.0	37
35	WebRTC security measures and weaknesses. International Journal of Internet Technology and Secured Transactions, 2018, 8, 78.	0.3	0
36	ProfileGen: Generation of Automatic and Realistic Artificial Profiles. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	Anti-forensic = Suspicious: Detection of Stealthy Malware that Hides Its Network Traffic. IFIP Advances in Information and Communication Technology, 2018, , 216-230.	0.5	1
38	Application Marketplace Malware Detection by User Feedback Analysis. Communications in Computer and Information Science, 2018, , 1-19.	0.4	1
39	Socialbots. , 2018, , 2802-2816.		0
40	On Network Footprint of Traffic Inspection and Filtering at Global Scrubbing Centers. IEEE Transactions on Dependable and Secure Computing, 2017, 14, 521-534.	3.7	15
41	Scalable Attack Path Finding for Increased Security. Lecture Notes in Computer Science, 2017, , 234-249.	1.0	3
42	Attack Graph Obfuscation. Lecture Notes in Computer Science, 2017, , 269-287.	1.0	5
43	Measurement of Online Discussion Authenticity within Online Social Media. , 2017, , .		10
44	The Curious Case of the Curious Case: Detecting Touchscreen Events Using a Smartphone Protective Case. , 2017, , .		1
45	Creation and Management of Social Network Honeypots for Detecting Targeted Cyber Attacks. IEEE Transactions on Computational Social Systems, 2017, 4, 65-79.	3.2	39
46	DiscOF: Balanced flow discovery in OpenFlow. , 2017, , .		0
47	Shortest path tree sampling for landmark selection in large networks. Journal of Complex Networks, 2017, , .	1.1	1
48	Socialbots. , 2017, , 1-15.		1
49	User Feedback Analysis for Mobile Malware Detection. , 2017, , .		1
50	Modeling and Reconstruction of Multi-stage Attacks. , 2016, , .		1
51	Brain Inspired Automatic Directory. , 2016, , .		0
52	A particle swarm model for estimating reliability and scheduling system maintenance. Enterprise Information Systems, 2016, 10, 349-377.	3.3	7
53	Organization Mining Using Online Social Networks. Networks and Spatial Economics, 2016, 16, 545-578.	0.7	37
54	Spot the Hotspot: Wi-Fi Hotspot Classification from Internet Traffic. Lecture Notes in Computer Science, 2016, , 239-249.	1.0	0

#	ARTICLE	IF	CITATIONS
55	Leak Sinks. , 2015, , .		3
56	Topology manipulations for speeding betweenness centrality computation. Journal of Complex Networks, 2015, 3, 84-112.	1.1	19
57	Hunting Organization-Targeted Socialbots. , 2015, , .		11
58	Active Discovery of Hidden Profiles in Social Networks Using Malware. Advances in Information Security, 2015, , 221-235.	0.9	0
59	Potential-based bounded-cost search and Anytime Non-Parametric $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{A} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{\alpha} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ . Artificial Intelligence, 2014, 214, 1-25.	3.9	20
60	Anti-Reconnaissance Tools: Detecting Targeted Socialbots. IEEE Internet Computing, 2014, 18, 11-19.	3.2	27
61	Computationally efficient link prediction in a variety of social networks. ACM Transactions on Intelligent Systems and Technology, 2013, 5, 1-25.	2.9	51
62	Bandit Algorithms for Social Network Queries. , 2013, , .		11
63	Betweenness computation in the single graph representation of hypergraphs. Social Networks, 2013, 35, 561-572.	1.3	8
64	Augmented Betweenness Centrality for Environmentally Aware Traffic Monitoring in Transportation Networks. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2013, 17, 91-105.	2.6	73
65	Link Prediction in Highly Fractional Data Sets. , 2013, , 283-300.		17
66	Data mining opportunities in geosocial networks for improving road safety. , 2012, , .		22
67	Heuristics for Speeding Up Betweenness Centrality Computation. , 2012, , .		23
68	On-Line Detection and Prediction of Temporal Patterns. Lecture Notes in Computer Science, 2012, , 254-256.	1.0	0
69	Link Prediction in Social Networks Using Computationally Efficient Topological Features. , 2011, , .		118
70	LoOkie - it feels like being there. , 2011, , .		1
71	A Decision Support System for Placement of Intrusion Detection and Prevention Devices in Large-Scale Networks. ACM Transactions on Modeling and Computer Simulation, 2011, 22, 1-26.	0.6	41
72	Cost Benefit Deployment of DNIPS. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
73	Routing betweenness centrality. Journal of the ACM, 2010, 57, 1-27.	1.8	126
74	Optimizing Targeting of Intrusion Detection Systems in Social Networks. , 2010, , 549-568.		0
75	Collaborative attack on Internet users' anonymity. Internet Research, 2009, 19, 60-77.	2.7	27
76	Incremental deployment of network monitors based on Group Betweenness Centrality. Information Processing Letters, 2009, 109, 1172-1176.	0.4	35
77	Optimization of NIDS Placement for Protection of Intercommunicating Critical Infrastructures. Lecture Notes in Computer Science, 2008, , 191-203.	1.0	15
78	Fast algorithm for successive computation of group betweenness centrality. Physical Review E, 2007, 76, 056709.	0.8	52
79	Simulating Threats Propagation within the NSP Infrastructure. , 2007, , .		0
80	Deployment of DNIDS in Social Networks. , 2007, , .		16
81	Efficient online detection of temporal patterns. PeerJ Computer Science, 0, 2, e53.	2.7	1