

Robert Moskovitch

List of Publications by Year in descending order

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Version: 2025-02-01

47
papers

1,622
citations

335018

20
h-index

306290

37
g-index

51
all docs

51
docs citations

51
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	STORM: A MapReduce Framework for Symbolic Time Intervals Series Classification. ACM Transactions on Knowledge Discovery From Data, 2025, 19, 1-54.	4.3	0
2	Multivariate temporal data analysis – a review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2022, 12, .	11.4	10
3	All-cause mortality prediction in T2D patients with iTirps. Artificial Intelligence in Medicine, 2022, 130, 102325.	7.3	1
4	Pkg2Vec: Hierarchical package embedding for code authorship attribution. Future Generation Computer Systems, 2021, 116, 49-60.	7.9	13
5	Temporal pattern-based malicious activity detection in SCADA systems. Computers and Security, 2021, 102, 102153.	6.8	14
6	Outcomes prediction in longitudinal data: Study designs evaluation, use case in ICU acquired sepsis. Journal of Biomedical Informatics, 2021, 117, 103734.	4.8	14
7	THAAD: Efficient matching queries under temporal abstraction for anomaly detection. Performance Evaluation, 2021, 149-150, 102219.	1.1	2
8	Decompiled APK based malicious code classification. Future Generation Computer Systems, 2020, 110, 135-147.	7.9	18
9	All-Cause Mortality Prediction in T2D Patients. Lecture Notes in Computer Science, 2020, , 3-13.	0.0	3
10	Acute Hypertensive Episodes Prediction. Lecture Notes in Computer Science, 2020, , 392-402.	0.0	4
11	Falls Prediction in Care Homes Using Mobile App Data Collection. Lecture Notes in Computer Science, 2020, , 403-413.	0.0	5
12	Temporal biomedical data analytics. Journal of Biomedical Informatics, 2019, 90, 103092.	4.8	6
13	Inter-labeler and intra-labeler variability of condition severity classification models using active and passive learning methods. Artificial Intelligence in Medicine, 2017, 81, 12-32.	7.3	14
14	Consistent discovery of frequent interval-based temporal patterns in chronic patients’ data. Journal of Biomedical Informatics, 2017, 75, 83-95.	4.8	28
15	<i>JASIST</i> special issue on biomedical information retrieval. Journal of the Association for Information Science and Technology, 2017, 68, 2525-2528.	4.2	3
16	Procedure prediction from symbolic Electronic Health Records via time intervals analytics. Journal of Biomedical Informatics, 2017, 75, 70-82.	4.8	26
17	Prognosis of Clinical Outcomes with Temporal Patterns and Experiences with One Class Feature Selection. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 555-563.	3.7	23
18	Systems biology approaches for identifying adverse drug reactions and elucidating their underlying biological mechanisms. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2016, 8, 104-122.	8.2	38

#	ARTICLE	IF	CITATIONS
19	Keeping pace with the creation of new malicious PDF files using an active-learning based detection framework. Security Informatics, 2016, 5, .	1.3	30
20	Temporal data analytics. Journal of Biomedical Informatics, 2016, 62, 276-277.	4.8	0
21	Improving condition severity classification with an efficient active learning based framework. Journal of Biomedical Informatics, 2016, 61, 44-54.	4.8	20
22	ALDROID: efficient update of Android anti-virus software using designated active learning methods. Knowledge and Information Systems, 2016, 49, 795-833.	3.6	27
23	Outcomes Prediction via Time Intervals Related Patterns. , 2015, 25, 919-924.		19
24	An Active Learning Framework for Efficient Condition Severity Classification. Lecture Notes in Computer Science, 2015, , 13-24.	0.0	6
25	ALPD: Active Learning Framework for Enhancing the Detection of Malicious PDF Files. , 2014, , 91-98.		27
26	Novel active learning methods for enhanced PC malware detection in windows OS. Expert Systems With Applications, 2014, 41, 5843-5857.	8.8	92
27	Classification-driven temporal discretization of multivariate time series. Data Mining and Knowledge Discovery, 2014, 29, 871-913.	4.2	84
28	Classification of multivariate time series via temporal abstraction and time intervals mining. Knowledge and Information Systems, 2014, 45, 35-74.	3.6	84
29	Fast time intervals mining using the transitivity of temporal relations. Knowledge and Information Systems, 2013, 42, 21-48.	3.6	82
30	Detecting unknown computer worm activity via support vector machines and active learning. Pattern Analysis and Applications, 2012, 15, 459-475.	2.2	54
31	User identity verification via mouse dynamics. Information Sciences, 2012, 201, 19-36.	7.3	114
32	Detecting unknown malicious code by applying classification techniques on OpCode patterns. Security Informatics, 2012, 1, .	1.3	198
33	Clustering di-graphs for continuously verifying users according to their typing patterns. , 2010, , .		21
34	Continuous Verification Using Keystroke Dynamics. , 2010, , 411-415.		40
35	Vaidurya: A multiple-ontology, concept-based, context-sensitive clinical-guideline search engine. Journal of Biomedical Informatics, 2009, 42, 11-21.	4.8	25
36	Using artificial neural networks to detect unknown computer worms. Neural Computing and Applications, 2009, 18, 663-674.	5.0	15

#	ARTICLE	IF	CITATIONS
37	Unknown malware detection and the imbalance problem. Journal in Computer Virology, 2009, 5, 295-308.	3.2	60
38	Malicious Code Detection Using Active Learning. Lecture Notes in Computer Science, 2009, , 74-91.	0.0	29
39	Detection of unknown computer worms based on behavioral classification of the host. Computational Statistics and Data Analysis, 2008, 52, 4544-4566.	1.5	88
40	Optimization of Fire blight scouting with a decision support system based on infection risk. Computers and Electronics in Agriculture, 2008, 62, 118-127.	8.7	6
41	Unknown malware detection via text categorization and the imbalance problem. , 2008, , .		74
42	Detection of Unknown Computer Worms Activity Based on Computer Behavior using Data Mining. , 2007, , .		10
43	Malicious Code Detection and Acquisition Using Active Learning. , 2007, , .		15
44	A Comparative Evaluation of Full-text, Concept-based, and Context-sensitive Search. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 164-174.	4.1	26
45	Multiple hierarchical classification of free-text clinical guidelines. Artificial Intelligence in Medicine, 2006, 37, 177-190.	7.3	25
46	A framework for a distributed, hybrid, multiple-ontology clinical-guideline library, and automated guideline-support tools. Journal of Biomedical Informatics, 2004, 37, 325-344.	4.8	80
47	Improving the Detection of Unknown Computer Worms Activity Using Active Learning. Lecture Notes in Computer Science, 0, , 489-493.	0.0	14