

Rudolf Mayer

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

231
citations

1478280

6
h-index

1372474

10
g-index

29
all docs

29
docs citations

29
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Utility of Synthetic Data. , 2019, , .		47
2	Using Ontologies for Enterprise Architecture Analysis. , 2013, , .		20
3	Using Ontologies for Enterprise Architecture Integration and Analysis. Complex Systems Informatics and Modeling Quarterly, 2014, , 1.	0.5	19
4	A Baseline for Attribute Disclosure Risk in Synthetic Data. , 2020, , .		16
5	Information Leaks in Federated Learning. , 2020, , .		15
6	Using ontologies to capture the semantics of a (business) process for digital preservation. International Journal on Digital Libraries, 2015, 15, 129-152.	1.1	14
7	Ontologies for Describing the Context of Scientific Experiment Processes. , 2014, , .		13
8	Visualising Class Distribution on Self-organising Maps. Lecture Notes in Computer Science, 2007, , 359-368.	1.0	12
9	Backdoor Attacks in Neural Networks – A Systematic Evaluation on Multiple Traffic Sign Datasets. Lecture Notes in Computer Science, 2019, , 285-300.	1.0	8
10	Privacy-Preserving Anomaly Detection Using Synthetic Data. Lecture Notes in Computer Science, 2020, , 195-207.	1.0	8
11	Preserving Scientific Processes from Design to Publications. Lecture Notes in Computer Science, 2012, , 113-124.	1.0	7
12	Graph-based managing and mining of processes and data in the domain of intellectual property. Information Systems, 2022, 106, 101844.	2.4	6
13	Planning Future Health: Developing Big Data and System Modelling Pipelines for Health System Research. SNE Simulation Notes Europe, 2017, 27, 203-208.	0.2	6
14	Ensuring sustainability of web services dependent processes. International Journal of Computational Science and Engineering, 2015, 10, 70.	0.4	5
15	Training Effective Neural Networks on Structured Data with Federated Learning. Lecture Notes in Networks and Systems, 2021, , 394-406.	0.5	5
16	Resilient Web Services for Timeless Business Processes. , 2014, , .		4
17	On Wires and Cables: Content Analysis of WikiLeaks Using Self-Organising Maps. Lecture Notes in Computer Science, 2011, , 238-246.	1.0	4
18	An Evaluation on Robustness and Utility of Fingerprinting Schemes. Lecture Notes in Computer Science, 2019, , 209-228.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Utility and Privacy Assessment of Synthetic Microbiome Data. Lecture Notes in Computer Science, 2022, , 15-27.	1.0	4
20	Visualising Clusters in Self-Organising Maps with Minimum Spanning Trees. Lecture Notes in Computer Science, 2010, , 426-431.	1.0	3
21	Semantic-enabled architecture for auditable privacy-preserving data analysis. Semantic Web, 2022, , 1-34.	1.1	3
22	Anomaly Detection from Distributed Data Sources via Federated Learning. Lecture Notes in Networks and Systems, 2022, , 317-328.	0.5	3
23	An Analysis of Different Notions of Effectiveness in k-Anonymity. Lecture Notes in Computer Science, 2020, , 121-135.	1.0	2
24	Data Access and Reproducibility in Privacy Sensitive eScience Domains. , 2015, , .		1
25	Hand Dynamics for Behavioral User Authentication. , 2016, , .		1
26	A Correlation-Preserving Fingerprinting Technique for Categorical Data in Relational Databases. IFIP Advances in Information and Communication Technology, 2020, , 401-415.	0.5	1
27	A context model for digital preservation of processes and its application to a digital library system. , 2014, , .		0
28	Raising resilience of web service dependent repository systems. International Journal of Web Information Systems, 2015, 11, 327-346.	1.3	0
29	Combining Defences Against Data-Poisoning Based Backdoor Attacks on Neural Networks. Lecture Notes in Computer Science, 2022, , 28-47.	1.0	0