Attila Kiss

List of Publications by Year
in descending order

73 papers	392 citations	1040056 9 h-index	888059 17 g-index
75 all docs	75 docs citations	75 times ranked	289 citing authors

#	Article	IF	Citations
1	Using the Unity Game Engine to Develop a 3D Simulated Ecological System Based on a Predator–Prey Model Extended by Gene Evolution. Informatics, 2022, 9, 9.	3.9	0
2	A Novel Dictionary-Based Method to Compress Log Files with Different Message Frequency Distributions. Applied Sciences (Switzerland), 2022, 12, 2044.	2.5	1
3	A Cost-Efficient Approach towards Computational Fluid Dynamics Simulations on Quantum Devices. Applied Sciences (Switzerland), 2022, 12, 2873.	2.5	5
4	An Adaptive Classification Model for Predicting Epileptic Seizures Using Cloud Computing Service Architecture. Applied Sciences (Switzerland), 2022, 12, 3408.	2.5	4
5	Social media sentiment analysis based on COVID-19. Journal of Information and Telecommunication, 2021, 5, 1-15.	2.8	133
6	Influential Performance of Nodes Identified by Relative Entropy in Dynamic Networks. Vietnam Journal of Computer Science, 2021, 08, 93-112.	1.2	3
7	Cooperation and sharing of caught prey in competitive continuous coevolution using the predator-prey domain. Computer Science and Information Systems, 2021, 18, 1175-1196.	1.0	0
8	Prediction of stock values changes using sentiment analysis of stock news headlines. Journal of Information and Telecommunication, 2021, 5, 375-394.	2.8	31
9	The Use of Template Miners and Encryption in Log Message Compression. Computers, 2021, 10, 83.	3.3	3
10	Animal Farm—a complex artificial life 3D framework. Acta Universitatis Sapientiae: Informatica, 2021, 13, 60-85.	0.4	1
11	Towards autoscaling of Apache Flink jobs. Acta Universitatis Sapientiae: Informatica, 2021, 13, 39-59.	0.4	2
12	Differential privacy based classification model for mining medical data stream using adaptive random forest. Acta Universitatis Sapientiae: Informatica, 2021, 13, 1-20.	0.4	2
13	Constructing Unrooted Phylogenetic Trees with Reinforcement Learning. Studia Universitatis Babes-Bolyai: Series Informatica, 2021, 66, 37.	0.2	0
14	Retinal Blood Vessel Segmentation on Style-augmented Images. Studia Universitatis Babes-Bolyai: Series Informatica, 2021, 66, 74.	0.2	1
15	A Survey of Ledger Technology-Based Databases. Future Internet, 2021, 13, 197.	3.8	16
16	Comparing Swarm Intelligence Algorithms for Dimension Reduction in Machine Learning. Big Data and Cognitive Computing, 2021, 5, 36.	4.7	11
17	A Novel Methodology for Measuring the Abstraction Capabilities of Image Recognition Algorithms. Journal of Imaging, 2021, 7, 152.	3.0	0
18	An Experimental Study on Centrality Measures Using Clustering. Computers, 2021, 10, 115.	3.3	0

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19	P System–Based Clustering Methods Using NoSQL Databases. Computation, 2021, 9, 102.	2.0	2
20	Transferability of Fast Gradient Sign Method. Advances in Intelligent Systems and Computing, 2021, , 23-34.	0.6	5
21	Membrane Clustering Using the PostgreSQL Database Management System. Advances in Intelligent Systems and Computing, 2021, , 377-388.	0.6	0
22	Information Extraction and Named Entity Recognition Supported Social Media Sentiment Analysis during the COVID-19 Pandemic. Applied Sciences (Switzerland), 2021, 11, 11017.	2.5	15
23	Steganography and Cryptography for User Data in Calendars. Studies in Computational Intelligence, 2020, , 241-252.	0.9	0
24	Securing personal data in public cloud. Journal of Information and Telecommunication, 2020, 4, 51-66.	2.8	4
25	Process, Analyze and Visualize Telecommunication Network Configuration Data in Graph Database. Vietnam Journal of Computer Science, 2020, 07, 65-76.	1.2	3
26	Quantum Computation and Its Effects in Database Systems. Communications in Computer and Information Science, 2020, , 13-23.	0.5	3
27	Style Transfer for Dermatological Data Augmentation. Advances in Intelligent Systems and Computing, 2020, , 915-923.	0.6	4
28	On Robustness of Adaptive Random Forest Classifier on Biomedical Data Stream. Lecture Notes in Computer Science, 2020, , 332-344.	1.3	3
29	Performance Evaluation of Betweenness Centrality Using Clustering Methods. Studia Universitatis Babes-Bolyai: Series Informatica, 2020, 65, 59-74.	0.2	1
30	Simulation of Intelligence Evolution in Object-Oriented Systems. Vietnam Journal of Computer Science, 2020, 07, 209-229.	1.2	0
31	BUILDING, VISUALIZING AND EXECUTING DEEP LEARNING MODELS AS DATAFLOW GRAPHS. Acta Electrotechnica Et Informatica, 2020, 20, 27-34.	0.3	0
32	TOWARDS ON EXPERIMENTAL COMPARISON OF THE M-TREE INDEX STRUCTURE WITH BK-TREE AND VP-TREE. Acta Electrotechnica Et Informatica, 2020, 20, 19-26.	0.3	0
33	Efficiency centrality in time-varying graphs. Acta Universitatis Sapientiae: Informatica, 2020, 12, 5-21.	0.4	0
34	Enhanced type inference for binding-time analysis. Acta Universitatis Sapientiae: Informatica, 2020, 12, 232-250.	0.4	0
35	Kézzel írt szàmjegyeket felismerő neuronhàló robusztussàgi vizsgàlata. Alkalmazott Matematikai Lapok, 2020, 37, 87-101.	0.1	0
36	A Session-based Approach to Autonomous Database Tuning. Acta Polytechnica Hungarica, 2020, 17, 7-24.	2.9	1

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37	Word pattern prediction using Big Data frameworks. Acta Universitatis Sapientiae: Informatica, 2020, 12, 51-69.	0.4	0
38	GenPress: A Novel Dictionary Based Method to Compress DNA Data of Various Species. Lecture Notes in Computer Science, 2019, , 385-394.	1.3	1
39	Building Neural Networks as Dataflow Graphs. , 2019, , .		0
40	An implementation of the M-tree index structure for PostgreSQL using GiST. , 2019, , .		1
41	ND-GiST: A Novel Method for Disk-Resident k-mer Indexing. Advances in Intelligent Systems and Computing, 2019, , 663-672.	0.6	2
42	OpenWebCrypt—Securing Our Data in Public Cloud. Studies in Computational Intelligence, 2018, , 479-489.	0.9	0
43	Novel Ensembling Methods for Dermatological Image Classification. Lecture Notes in Computer Science, 2018, , 438-448.	1.3	14
44	Statistical Data Generation Using Sample Data. Communications in Computer and Information Science, 2018, , 29-36.	0.5	0
45	A Profile-Based Fast Port Scan Detection Method. Lecture Notes in Computer Science, 2017, , 401-410.	1.3	3
46	Graph Embedding Based Recommendation Techniques on the Knowledge Graph. , 2017, , .		17
47	P-Spar(k)ql: SPARQL Evaluation Method on Spark GraphX with Parallel Query Plan. , 2017, , .		5
48	Spar(k)ql: SPARQL Evaluation Method on Spark GraphX. , 2016, , .		5
49	TooKie: A New Way to Secure Sessions. Studies in Computational Intelligence, 2016, , 195-207.	0.9	2
50	Security Middleware Programming Using P4. Lecture Notes in Computer Science, 2016, , 277-287.	1.3	12
51	A Formal Model for Context-Aware Semantic Augmented Reality Systems. Lecture Notes in Computer Science, 2016, , 91-102.	1.3	2
52	Federated Query Evaluation Supported by SPARQL Recommendation. Lecture Notes in Computer Science, 2016, , 263-274.	1.3	1
53	OpenStack Firewall as a Service Rule Analyser. Lecture Notes in Computer Science, 2016, , 212-220.	1.3	2
54	Betweenness versus Linerank. Computer Science and Information Systems, 2015, 12, 33-48.	1.0	4

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55	Virtual observatory for twitter messages. , 2015, , .		0
56	Quantitative analysis of Bitcoin exchange rate and transactional network properties. , 2015, , .		1
57	Geodint: Towards Semantic Web-Based Geographic Data Integration. Lecture Notes in Computer Science, 2014, , 191-200.	1.3	9
58	Experimental evaluation of some geodata management systems. , 2014, , .		4
59	A Semantically Enriched Augmented Reality Browser. Lecture Notes in Computer Science, 2014, , 375-384.	1.3	7
60	SPARQL Query Writing with Recommendations Based on Datasets. Lecture Notes in Computer Science, 2014, , 310-319.	1.3	4
61	mSWB: Towards a Mobile Semantic Web Browser. Lecture Notes in Computer Science, 2014, , 165-175.	1.3	2
62	Visualization of Semantic Data Based on Selected Predicates. Lecture Notes in Computer Science, 2014, , 180-195.	1.3	1
63	Towards modeling fuzzy propagation for sentiment analysis in online social networks: A case study on TweetScope. , 2013, , .		9
64	Five Ws, one H and many tweets. , 2013, , .		1
65	Properties of the most influential social sensors. , 2013, , .		0
66	Satisfiability and Containment Problem of Structural Recursions with Conditions. Lecture Notes in Computer Science, 2010, , 336-350.	1.3	2
67	Improvement of Jarvis-Patrick Clustering Based on Fuzzy Similarity. Lecture Notes in Computer Science, 2007, , 195-202.	1.3	5
68	Hybrid Minimal Spanning Tree and Mixture of Gaussians Based Clustering Algorithm. Lecture Notes in Computer Science, 2006, , 313-330.	1.3	11
69	Efficient Processing SAPE Queries Using the Dynamic Labelling Structural Indexes. Lecture Notes in Computer Science, 2006, , 232-247.	1.3	0
70	On a general class of data dependencies in the relational model and its implication problems. Computers and Mathematics With Applications, 1991, 21, 1-11.	2.7	7
71	The application of the separation principle for the linear continuous systems with coloured noise. Computers and Mathematics With Applications, 1991, 21, 119-128.	2.7	1
72	Document similarity for error prediction. Journal of Information and Telecommunication, 0, , 1-14.	2.8	3

#	Article	IF	Citations
73	Event Detection on Call Detail Records. , 0, , .		0