Quoc Viet Hung Nguyen

List of Publications by Year
in descending order

89 papers	2,618 citations	394286 19 h-index	377752 34 g-index
92 all docs	92 docs citations	92 times ranked	1781 citing authors

#	ARTICLE	IF	CITATIONS
1	Incremental Density-Based Clustering on Multicore Processors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1338-1356.	9.7	10
2	Entity Alignment for Knowledge Graphs With Multi-Order Convolutional Networks. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4201-4214.	4.0	15
3	PM-LSH: a fast and accurate in-memory framework for high-dimensional approximate NN and closest pair search. VLDB Journal, 2022, 31, 1339-1363.	2.7	3
4	Personalized On-Device E-Health Analytics With Decentralized Block Coordinate Descent. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2778-2786.	3.9	5
5	Real-time wildfire detection with semantic explanations. Expert Systems With Applications, 2022, , 117007.	4.4	2
6	Nature vs. Nurture: Feature vs. Structure for Graph Neural Networks. Pattern Recognition Letters, 2022, 159, 46-53.	2.6	7
7	Origin of novel coronavirus causing COVID-19: A computational biology study using artificial intelligence. Machine Learning With Applications, 2022, , 100328.	3.0	2
8	Deep learning models for forecasting dengue fever based on climate data in Vietnam. PLoS Neglected Tropical Diseases, 2022, 16, e0010509.	1.3	22
9	Thinking inside The Box. , 2022, , .		6
10	Structural representation learning for network alignment with self-supervised anchor links. Expert Systems With Applications, 2021, 165, 113857.	4.4	22
11	Efficient streaming subgraph isomorphism with graph neural networks. Proceedings of the VLDB Endowment, 2021, 14, 730-742.	2.1	9
12	Genomic mutations and changes in protein secondary structure and solvent accessibility of SARS-CoV-2 (COVID-19 virus). Scientific Reports, 2021, 11, 3487.	1.6	62
13	Self-Supervised Multi-Channel Hypergraph Convolutional Network for Social Recommendation. , 2021, , .		166
14	Socially-Aware Self-Supervised Tri-Training for Recommendation. , 2021, , .		75
15	JUDO: Just-in-time rumour detection in streaming social platforms. Information Sciences, 2021, 570, 70-93.	4.0	17
16	Realtime Bushfire Detection with Spatial-based Complex Event Processing. , 2021, , .		0
17	ODAR: A Lightweight Object Detection Framework for Autonomous Driving Robots. , 2021, , .		0
18	Scalable robust graph embedding with Spark. Proceedings of the VLDB Endowment, 2021, 15, 914-922.	2.1	2

#	Article	IF	Citations
19	Answering Why-Not Group Spatial Keyword Queries. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 26-39.	4.0	22
20	F-Mapper: A Fuzzy Mapper clustering algorithm. Knowledge-Based Systems, 2020, 189, 105107.	4.0	23
21	Misinformation-oriented expert finding in social networks. World Wide Web, 2020, 23, 693-714.	2.7	16
22	A comparative study on network alignment techniques. Expert Systems With Applications, 2020, 140, 112883.	4.4	40
23	Load Shedding for Complex Event Processing: Input-based and State-based Techniques. , 2020, , .		13
24	Adaptive Network Alignment with Unsupervised and Multi-order Convolutional Networks. , 2020, , .		32
25	Where to Go Next: Modeling Long- and Short-Term User Preferences for Point-of-Interest Recommendation. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 214-221.	3.6	150
26	Online Trichromatic Pickup and Delivery Scheduling in Spatial Crowdsourcing. , 2020, , .		18
27	Sequence-Aware Factorization Machines for Temporal Predictive Analytics. , 2020, , .		41
28	Graph Embeddings for One-pass Processing of Heterogeneous Queries. , 2020, , .		4
29	Next Point-of-Interest Recommendation on Resource-Constrained Mobile Devices. , 2020, , .		61
30	Time-aspect-sentiment Recommendation Models Based on Novel Similarity Measure Methods. ACM Transactions on the Web, 2020, 14, 1-26.	2.0	6
31	CRSAL. ACM Transactions on Information Systems, 2020, 38, 1-40.	3.8	24
32	FactCatch: Incremental Pay-as-You-Go Fact Checking with Minimal User Effort. , 2020, , .		6
33	Efficient-Frequency: a hybrid visual forensic framework for facial forgery detection. , 2020, , .		7
34	Multi-Scale Bushfire Detection From Multi-Modal Streams of Remote Sensing Data. IEEE Access, 2020, 8, 228496-228513.	2.6	6
35	Maximal fusion of facts on the web with credibility guarantee. Information Fusion, 2019, 48, 55-66.	11.7	15
36	Searching activity trajectory with keywords. World Wide Web, 2019, 22, 967-1000.	2.7	5

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37	Answering Why-Not Group Spatial Keyword Queries (Extended Abstract). , 2019, , .		4
38	Streaming Session-based Recommendation. , 2019, , .		110
39	Online User Representation Learning Across Heterogeneous Social Networks. , 2019, , .		30
40	Enhancing Collaborative Filtering with Generative Augmentation. , 2019, , .		57
41	Multiple Rumor Source Detection with Graph Convolutional Networks. , 2019, , .		58
42	Efficient User Guidance for Validating Participatory Sensing Data. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-30.	2.9	1
43	Spatiotemporal Representation Learning for Translation-Based POI Recommendation. ACM Transactions on Information Systems, 2019, 37, 1-24.	3.8	114
44	Handling probabilistic integrity constraints in pay-as-you-go reconciliation of data models. Information Systems, 2019, 83, 166-180.	2.4	4
45	AIR: Attentional Intention-Aware Recommender Systems. , 2019, , .		53
46	Exploiting Centrality Information with Graph Convolutions for Network Representation Learning. , 2019, , .		45
47	Multi-hop Path Queries over Knowledge Graphs with Neural Memory Networks. Lecture Notes in Computer Science, 2019, , 777-794.	1.0	8
48	Optimising Deep Learning Split Deployment for IoT Edge Networks. , 2019, , .		2
49	A deep learning approach for early wildfire detection from hyperspectral satellite images. , 2019, , .		19
50	A framework for parallel map-matching at scale using Spark. Distributed and Parallel Databases, 2019, 37, 697-720.	1.0	5
51	Multi-label classification via label correlation and first order feature dependance in a data stream. Pattern Recognition, 2019, 90, 35-51.	5.1	39
52	User guidance for efficient fact checking. Proceedings of the VLDB Endowment, 2019, 12, 850-863.	2.1	11
53	From anomaly detection to rumour detection using data streams of social platforms. Proceedings of the VLDB Endowment, 2019, 12, 1016-1029.	2.1	30
54	Inferring Substitutable Products with Deep Network Embedding. , 2019, , .		17

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55	Diversifying Group Recommendation. IEEE Access, 2018, 6, 17776-17786.	2.6	12
56	Computing Crowd Consensus with Partial Agreement. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1-14.	4.0	38
57	Computing Crowd Consensus with Partial Agreement. , 2018, , .		3
58	TPM. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-25.	2.9	23
59	What-If Analysis with Conflicting Goals: Recommending Data Ranges for Exploration. , 2018, , .		5
60	Joint Event-Partner Recommendation in Event-Based Social Networks. , 2018, , .		58
61	Minimizing Efforts in Reconciling Participatory Sensing Data. , 2018, , .		2
62	Mobi-SAGE-RS: A sparse additive generative model-based mobile application recommender system. Knowledge-Based Systems, 2018, 157, 68-80.	4.0	12
63	PME. , 2018, , .		153
64	Streaming Ranking Based Recommender Systems. , 2018, , .		58
65	REST. , 2018, , .		36
66	Restricted Boltzmann Machine Based Active Learning for Sparse Recommendation. Lecture Notes in Computer Science, 2018, , 100-115.	1.0	5
67	Argument discovery via crowdsourcing. VLDB Journal, 2017, 26, 511-535.	2.7	31
68	Mobi-SAGE: A Sparse Additive Generative Model for Mobile App Recommendation. , 2017, , .		13
69	A Novel Centrality Cascading Based Edge Parameter Evaluation Method for Robust Influence Maximization. IEEE Access, 2017, 5, 22119-22131.	2.6	21
70	Answer validation for generic crowdsourcing tasks with minimal efforts. VLDB Journal, 2017, 26, 855-880.	2.7	15
71	SPTF: A Scalable Probabilistic Tensor Factorization Model for Semantic-Aware Behavior Prediction. , 2017, , .		55
72	Retaining Data from Streams of Social Platforms with Minimal Regret. , 2017, , .		3

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73	Discovering interpretable geo-social communities for user behavior prediction. , 2016, , .		81
74	Adapting to User Interest Drift for POI Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2566-2581.	4.0	174
75	SMART: A tool for analyzing and reconciling schema matching networks. , 2015, , .		5
76	Minimizing Efforts in Validating Crowd Answers. , 2015, , .		43
77	Result selection and summarization for Web Table search. , 2015, , .		24
78	Tag-Based Paper Retrieval: Minimizing User Effort with Diversity Awareness. Lecture Notes in Computer Science, 2015, , 510-528.	1.0	4
79	ERICA. , 2015, , .		6
80	Pay-as-you-go reconciliation in schema matching networks. , 2014, , .		25
81	Towards Enabling Probabilistic Databases for Participatory Sensing. , 2014, , .		2
82	Reconciling Schema Matching Networks Through Crowdsourcing. EAI Endorsed Transactions on Collaborative Computing, 2014, 1, e2.	0.2	2
83	BATC. , 2013, , .		11
84	On Leveraging Crowdsourcing Techniques for Schema Matching Networks. Lecture Notes in Computer Science, 2013, , 139-154.	1.0	27
85	An Evaluation of Model-Based Approaches to Sensor Data Compression. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2434-2447.	4.0	62
86	An Evaluation of Aggregation Techniques in Crowdsourcing. Lecture Notes in Computer Science, 2013, , 1-15.	1.0	65
87	A Framework to Combine Multiple Matchers for Pair-Wise Schema Matching. , 2012, , .		1
88	Making sense of top-k matchings. , 2012, , .		8
89	Generating complete university course timetables by using local search methods. , 0, , .		0