

Sanjay Chawla

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

883
citations

1040056

9
h-index

839539

18
g-index

32
all docs

32
docs citations

32
times ranked

728
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferring and improving street maps with data-driven automation. Communications of the ACM, 2021, 64, 109-117.	4.5	2
2	ML-based Cross-Platform Query Optimization. , 2020, , .		9
3	RHEEMix in the data jungle: a cost-based optimizer for cross-platform systems. VLDB Journal, 2020, 29, 1287-1310.	4.1	8
4	Adversarial Attack, Defense, and Applications with Deep Learning Frameworks. Advanced Sciences and Technologies for Security Applications, 2019, , 1-25.	0.5	3
5	Optimizing Cross-Platform Data Movement. , 2019, , .		4
6	Incremental commute time and its online applications. Pattern Recognition, 2019, 88, 101-112.	8.1	0
7	Sparse Feature Attacks in Adversarial Learning. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1164-1177.	5.7	20
8	RheemStudio: Cross-Platform Data Analytics Made Easy. , 2018, , .		4
9	Robust Road Map Inference through Network Alignment of Trajectories. , 2018, , 135-143.		30
10	RoadTracer: Automatic Extraction of Road Networks from Aerial Images. , 2018, , .		175
11	Machine-assisted map editing. , 2018, , .		17
12	RoadRunner. , 2018, , .		41
13	Optimizing non-decomposable measures with deep networks. Machine Learning, 2018, 107, 1597-1620.	5.4	19
14	RHEEM: enabling cross-platform data processing. Proceedings of the VLDB Endowment, 2018, 11, 1414-1427.	3.8	32
15	Lagrangian relaxations for multiple network alignment. Data Mining and Knowledge Discovery, 2017, 31, 1331-1358.	3.7	9
16	A Cost-based Optimizer for Gradient Descent Optimization. , 2017, , .		31
17	Rheem. , 2016, , .		30
18	Backbone discovery in traffic networks. International Journal of Data Science and Analytics, 2016, 1, 215-227.	4.1	6

#	ARTICLE	IF	CITATIONS
19	Online Optimization Methods for the Quantification Problem. , 2016, , .		40
20	A scalable approach to spectral clustering with SDD solvers. Journal of Intelligent Information Systems, 2015, 44, 289-308.	3.9	5
21	On Sparse Feature Attacks in Adversarial Learning. , 2014, , .		21
22	Density-preserving projections for large-scale local anomaly detection. Knowledge and Information Systems, 2012, 32, 25-52.	3.2	34
23	An Efficient Adversarial Learning Strategy for Constructing Robust Classification Boundaries. Lecture Notes in Computer Science, 2012, , 649-660.	1.3	7
24	Mining adversarial patterns via regularized loss minimization. Machine Learning, 2010, 81, 69-83.	5.4	44
25	A Game Theoretical Model for Adversarial Learning. , 2009, , .		39
26	Mining spatio-temporal patterns in object mobility databases. Data Mining and Knowledge Discovery, 2008, 16, 5-38.	3.7	32
27	High Confidence Rule Mining for Microarray Analysis. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2007, 4, 611-623.	3.0	50
28	SLOM: a new measure for local spatial outliers. Knowledge and Information Systems, 2006, 9, 412-429.	3.2	90
29	Mining Spatio-temporal Association Rules, Sources, Sinks, Stationary Regions and Thoroughfares in Object Mobility Databases. Lecture Notes in Computer Science, 2006, , 187-201.	1.3	66
30	On discovery of maximal confident rules without support pruning in microarray data. , 2005, , .		3
31	An Object Model of Direction and Its Implications. Geoinformatica, 1999, 3, 357-379.	2.7	10