Towards certain fixes with editing rules and master dat

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#	Article	IF	CITATIONS
1	Foundations of Data Quality Management. Synthesis Lectures on Data Management, 2012, 4, 1-217.	0.6	88
2	Web-Age Information Management. Lecture Notes in Computer Science, 2012, , .	1.3	0
3	Holistic data cleaning: Putting violations into context. , 2013, , .		167
4	NADEEF., 2013,,.		207
5	The data analytics group at the qatar computing research institute. SIGMOD Record, 2013, 41, 33-38.	1.2	1
6	Towards dependable data repairing with fixing rules. , 2014, , .		78
7	Querying Big Data: Bridging Theory and Practice. Journal of Computer Science and Technology, 2014, 29, 849-869.	1.5	23
8	Sampling from repairs of conditional functional dependency violations. VLDB Journal, 2014, 23, 103-128.	4.1	36
9	Big Data Cleaning. Lecture Notes in Computer Science, 2014, , 13-24.	1.3	24
10	Extending inclusion dependencies with conditions. Theoretical Computer Science, 2014, 515, 64-95.	0.9	32
11	KATARA. Proceedings of the VLDB Endowment, 2015, 8, 1952-1955.	3.8	31
12	Big RDF data cleaning. , 2015, , .		4
13	DQ2S – A framework for data quality-aware information management. Expert Systems With Applications, 2015, 42, 8304-8326.	7.6	13
14	Repairing Functional Dependency Violations in Distributed Data. Lecture Notes in Computer Science, 2015, , 441-457.	1.3	5
15	Extending Conditional Dependencies with Built-in Predicates. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3274-3288.	5.7	5
16	KATARA., 2015,,.		175
17	Fixing rules for data cleaning based on conditional functional dependency. Future Computing and Informatics Journal, $2016, 1, 10-26$ .	0.6	14
18	Detecting data errors. Proceedings of the VLDB Endowment, 2016, 9, 993-1004.	3.8	127

#	Article	IF	Citations
19	Interactive and Deterministic Data Cleaning. , 2016, , .		47
20	A density-based data cleaning approach for deduplication with data consistency and accuracy. , 2016, , .		4
21	BayesWipe. Journal of Data and Information Quality, 2016, 8, 1-30.	2.1	9
22	Big graph search: challenges and techniques. Frontiers of Computer Science, 2016, 10, 387-398.	2.4	38
23	Repair diversification: A new approach for data repairing. Information Sciences, 2016, 346-347, 90-105.	6.9	5
24	Big Graph Analyses: From Queries to Dependencies and Association Rules. Data Science and Engineering, 2017, 2, 36-55.	6.4	18
25	Cleaning Relations Using Knowledge Bases. , 2017, , .		20
26	A Novel Cost-Based Model for Data Repairing. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 727-742.	5.7	18
27	Dependable Data Repairing with Fixing Rules. Journal of Data and Information Quality, 2017, 8, 1-34.	2.1	8
28	QDflows. Journal of Data and Information Quality, 2017, 8, 1-39.	2.1	7
29	Data Analytics. Lecture Notes in Computer Science, 2017, , .	1.3	0
30	Automated debugging in data-intensive scalable computing. , 2017, 2017, 520-534.		18
31	On-line imputation for missing values. , 2017, , .		1
32	GraDit: graph-based data repair algorithm for multiple data edits rule violations. Journal of Physics: Conference Series, 2018, 971, 012029.	0.4	0
33	DeepClean: Data Cleaning via Question Asking. , 2018, , .		1
34	Rule-Based Graph Repairing: Semantic and Efficient Repairing Methods. , 2018, , .		19
36	Steering data quality with visual analytics: The complexity challenge. Visual Informatics, 2018, 2, 191-197.	4.4	31
37	DS-Harmonizer: A Harmonization Service on Spatiotemporal Data Stream in Edge Computing Environment. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	1.2	9

#	Article	IF	Citations
38	Query Processing over Incomplete Databases. Synthesis Lectures on Data Management, 2018, 10, 1-122.	0.6	5
39	Distilling relations using knowledge bases. VLDB Journal, 2018, 27, 497-519.	4.1	8
40	Repairing Data Violations with Order Dependencies. Lecture Notes in Computer Science, 2018, , 283-300.	1.3	1
41	Relational data imputation with quality guarantee. Information Sciences, 2018, 465, 305-322.	6.9	O
42	Truth discovery on inconsistent relational data. Tsinghua Science and Technology, 2018, 23, 288-302.	6.1	8
43	CurrentClean: Spatio-Temporal Cleaning of Stale Data. , 2019, , .		8
44	HoloDetect., 2019,,.		62
45	The Road to the Future of Healthcare: Transmitting Interoperable Healthcare Data Through a 5G Based Communication Platform. Lecture Notes in Business Information Processing, 2019, , 383-401.	1.0	6
47	One-Pass Inconsistency Detection Algorithms for Big Data. IEEE Access, 2019, 7, 22377-22394.	4.2	2
48	Towards Automatic Data Format Transformations: Data Wrangling at Scale. Computer Journal, 2019, 62, 1044-1060.	2.4	5
49	Order-Sensitive Imputation for Clustered Missing Values. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 166-180.	5.7	11
50	Privacy-aware data cleaning-as-a-service. Information Systems, 2020, 94, 101608.	3.6	9
51	Interactive Cleaning for Progressive Visualization through Composite Questions., 2020,,.		18
52	A Hybrid Data Cleaning Framework Using Markov Logic Networks. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2048-2062.	<b>5.7</b>	10
53	Directed bipartite Hypergraph: Representation of data edits for constraint-based data cleaning. Journal of Physics: Conference Series, 2020, 1511, 012008.	0.4	0
54	Automatic weighted matching rectifying rule discovery for data repairing. VLDB Journal, 2020, 29, 1433-1447.	4.1	1
55	Unifying logic rules and machine learning for entity enhancing. Science China Information Sciences, 2020, $63$ , $1$ .	4.3	2
56	DMN4DQ: When data quality meets DMN. Decision Support Systems, 2021, 141, 113450.	5.9	13

#	Article	IF	CITATIONS
57	Advanced battery management strategies for a sustainable energy future: Multilayer design concepts and research trends. Renewable and Sustainable Energy Reviews, 2021, 138, 110480.	16.4	170
58	A Layered KNN-SVM Approach to Predict Missing Values of Functional Requirements in Product Customization. Applied Sciences (Switzerland), 2021, 11, 2420.	2.5	5
59	SparkDQ: Efficient generic big data quality management on distributed data-parallel computation. Journal of Parallel and Distributed Computing, 2021, 156, 132-147.	4.1	8
60	Constraint-Driven Database Repair. , 2018, , 591-598.		2
61	A Data Cleaning Method on Massive Spatio-Temporal Data. Lecture Notes in Computer Science, 2016, , 173-182.	1.3	6
62	Towards Automatic Data Format Transformations: Data Wrangling at Scale. Lecture Notes in Computer Science, 2017, , 36-48.	1.3	5
63	Data Quality: Theory and Practice. Lecture Notes in Computer Science, 2012, , 1-16.	1.3	12
64	Generic and Declarative Approaches to Data Quality Management. , 2013, , 181-211.		6
65	Data Quality Problems beyond Consistency and Deduplication. Lecture Notes in Computer Science, 2013, , 237-249.	1.3	11
67	Discovery of genuine functional dependencies from relational data with missing values. Proceedings of the VLDB Endowment, 2018, 11, 880-892.	3.8	27
68	Deducing certain fixes to graphs. Proceedings of the VLDB Endowment, 2019, 12, 752-765.	3.8	19
69	Parallel discrepancy detection and incremental detection. Proceedings of the VLDB Endowment, 2021, 14, 1351-1364.	3.8	7
70	Data Warehouse Quality: Summary and Outlook. , 2013, , 121-140.		0
71	Efficient Dependable Rules Generation Approach for Data Quality Enhancement., 2015,,.		0
72	Automatic Rules Generation Approach for Data Cleaning in Medical Applications. Advances in Intelligent Systems and Computing, 2016, , 3-14.	0.6	0
73	A Data Cleaning Method and Its Application for Earthen Site Data Monitored by WSN. Communications in Computer and Information Science, 2016, , 638-649.	0.5	0
74	Discovering Injective Mapping Between Relations in Astrophysics Databases. Communications in Computer and Information Science, 2017, , 18-32.	0.5	0
75	Constraint-Driven Database Repair. , 2017, , 1-8.		0

#	Article	IF	Citations
76	Enhancement of Data Quality in Health Care Industry. Advances in Computational Intelligence and Robotics Book Series, 2017, , 230-250.	0.4	1
78	Attribute Value Matching with Limited Budget. Lecture Notes in Computer Science, 2018, , 148-157.	1.3	0
79	Data repair of density-based data cleaning approach using conditional functional dependencies. Data Technologies and Applications, 2022, 56, 429-446.	1.4	2
80	Locater. Proceedings of the VLDB Endowment, 2020, 14, 329-341.	3.8	10
81	Automatic Data Repairs with Statistical Relational Learning. , 2021, , .		0
82	Search and prevention of errors in medical databases. , 2022, , 113-133.		0
84	Data-driven approaches: Use of digitized operational data in process safety. Methods in Chemical Process Safety, 2022, , 61-99.	1.0	3
85	Query Processing over Incomplete Databases. Synthesis Lectures on Data Management, 2018, , .	0.6	4
86	Foundations of Data Quality Management. Synthesis Lectures on Data Management, 2012, , .	0.6	67
87	Self-Supervised and Interpretable Data Cleaning with Sequence Generative Adversarial Networks. Proceedings of the VLDB Endowment, 2022, 16, 433-446.	3.8	2
88	A Novel Data Cleaning Framework Based on Knowledge Graph. , 2022, , .		0
89	Multi-Source Data Repairing: A Comprehensive Survey. Mathematics, 2023, 11, 2314.	2.2	1
90	Making It Tractable to Catch Duplicates and Conflicts in Graphs. , 2023, 1, 1-28.		0
91	Discovering Editing Rules by Deep Reinforcement Learning. , 2023, , .		0
92	Matrix Factorization with Landmarks for Spatial Data. , 2023, , .		0
93	CrowdDA: Difficulty-aware crowdsourcing task optimization for cleaning web tables. Expert Systems With Applications, 2024, 238, 122139.	7.6	0
94	ZIP: Lazy Imputation during Query Processing. Proceedings of the VLDB Endowment, 2023, 17, 28-40.	3.8	0
95	Splitting Tuples of Mismatched Entities. , 2023, 1, 1-29.		0

#	Article	IF	CITATIONS
96	Efficient Missing Value Imputation by Maximum Distance Likelihood., 2023,,.		0
97	RDC-Repair: Towards aÂRelevance-Driven Approach forÂData andÂConstraints Repair. Lecture Notes in Computer Science, 2024, , 448-468.	1.3	O