Stefano Rizzi

List of Publications by Year in descending order

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91 papers	2,247 citations	361413 20 h-index	330143 37 g-index
96 all docs	96 docs citations	96 times ranked	959 citing authors

#	Article	IF	Citations
1	Data variety, come as you are in multi-model data warehouses. Information Systems, 2022, 104, 101734.	3.6	14
2	Enhancing Cubes with Models to Describe Multidimensional Data. Information Systems Frontiers, 2022, 24, 31-48.	6.4	9
3	Requirements-driven data warehouse design based on enhanced pivot tables. Requirements Engineering, 2021, 26, 43-65.	3.1	10
4	Making data platforms smarter with MOSES. Future Generation Computer Systems, 2021, 125, 299-313.	7.5	10
5	A profile-aware methodological framework for collaborative multidimensional modeling. Data and Knowledge Engineering, 2021, 131-132, 101875.	3.4	3
6	A model-driven approach to automate data visualization in big data analytics. Information Visualization, 2020, 19, 24-47.	1.9	45
7	Mo.Re.Farming: A hybrid architecture for tactical and strategic precision agriculture. Data and Knowledge Engineering, 2020, 129, 101836.	3.4	6
8	Summarization and visualization of multi-level and multi-dimensional itemsets. Information Sciences, 2020, 520, 63-85.	6.9	6
9	The Tell-Tale Cube. Lecture Notes in Computer Science, 2020, , 204-218.	1.3	2
10	A-BI+: A framework for Augmented Business Intelligence. Information Systems, 2020, 92, 101520.	3.6	6
11	Beyond roll-upâ€™s and drill-downâ€™s: An intentional analytics model to reinvent OLAP. Information Systems, 2019, 85, 68-91.	3.6	12
12	Approximate OLAP of document-oriented databases: A variety-aware approach. Information Systems, 2019, 85, 114-130.	3.6	22
13	Visualization Requirements for Business Intelligence Analytics: A Goal-Based, Iterative Framework. , 2019, , .		12
14	An active learning approach to build adaptive cost models for web services. Data and Knowledge Engineering, 2019, 119, 89-104.	3.4	1
15	EXODuS: Exploratory OLAP over Document Stores. Information Systems, 2019, 79, 44-57.	3.6	20
16	Schema profiling of document-oriented databases. Information Systems, 2018, 75, 13-25.	3.6	48
17	Visual Online Analytical Processing (OLAP). , 2018, , 4517-4527.		0
18	A Reference Architecture and Model for Sensor Data Warehousing. IEEE Sensors Journal, 2018, 18, 7659-7670.	4.7	10

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19	Interactive multidimensional modeling of linked data for exploratory OLAP. Information Systems, 2018, 77, 86-104.	3.6	21
20	SABINE: A Multi-purpose Dataset of Semantically-Annotated Social Content. Lecture Notes in Computer Science, 2018, , 70-85.	1.3	2
21	Business Intelligence. , 2018, , 363-368.		0
22	What-If Analysis. , 2018, , 4683-4688.		2
23	QETL: An approach to on-demand ETL from non-owned data sources. Data and Knowledge Engineering, 2017, 112, 17-37.	3.4	14
24	Visual Online Analytical Processing (OLAP). , 2017, , 1-10.		0
25	Social Business Intelligence in Action. Lecture Notes in Computer Science, 2016, , 33-48.	1.3	6
26	Starry Vault: Automating Multidimensional Modeling from Data Vaults. Lecture Notes in Computer Science, 2016, , 137-151.	1.3	4
27	What-If Analysis. , 2016, , 1-6.		1
28	Business Intelligence. , 2016, , 1-6.		0
29	Advanced topic modeling for social business intelligence. Information Systems, 2015, 53, 87-106.	3.6	39
30	A collaborative filtering approach for recommending OLAP sessions. Decision Support Systems, 2015, 69, 20-30.	5.9	43
31	An OLAM Operator for Multi-Dimensional Shrink. International Journal of Data Warehousing and Mining, 2015, 11, 68-97.	0.6	2
32	A methodology for social BI. , 2014, , .		15
33	From Business Intelligence to Location Intelligence with the Lily Library. , 2014, , .		1
34	GOLAM. , 2014, , .		2
35	New Trends in Databases and Information Systems: Contributions from ADBIS 2013. Advances in Intelligent Systems and Computing, 2014, , 1-13.	0.6	0
36	Similarity measures for OLAP sessions. Knowledge and Information Systems, 2014, 39, 463-489.	3.2	55

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37	Shrink: An OLAP operation for balancing precision and size of pivot tables. Data and Knowledge Engineering, 2014, 93, 19-41.	3.4	19
38	A Lagrangian heuristic for sprint planning in agile software development. Computers and Operations Research, 2014, 43, 116-128.	4.0	17
39	CubeLoad: A Parametric Generator of Realistic OLAP Workloads. Lecture Notes in Computer Science, 2014, , 610-624.	1.3	9
40	Multi-sprint planning and smooth replanning: An optimization model. Journal of Systems and Software, 2013, 86, 2357-2370.	4.5	15
41	Efficient derivation of numerical dependencies. Information Systems, 2013, 38, 410-429.	3.6	2
42	ProtOLAP. , 2013, , .		18
43	Meta-stars. , 2013, , .		18
44	Lily: A Geo-Enhanced Library for Location Intelligence. Lecture Notes in Computer Science, 2013, , 72-83.	1.3	11
45	Data Warehouse Testing. , 2013, , 91-108.		0
46	Honey, I Shrunk the Cube. Lecture Notes in Computer Science, 2013, , 176-189.	1.3	4
47	Towards intensional answers to OLAP queries for analytical sessions. , 2012, , .		10
48	Collaborative Business Intelligence. Lecture Notes in Business Information Processing, 2012, , 186-205.	1.0	16
49	OLAP query reformulation in peer-to-peer data warehousing. Information Systems, 2012, 37, 393-411.	3.6	40
50	Sprint Planning Optimization in Agile Data Warehouse Design. Lecture Notes in Computer Science, 2012, , 30-41.	1.3	9
51	Modern Software Engineering Methodologies Meet Data Warehouse Design: 4WD. Lecture Notes in Computer Science, 2011, , 66-79.	1.3	23
52	Data Warehouse Testing. International Journal of Data Warehousing and Mining, 2011, 7, 26-43.	0.6	15
53	Data warehouse testing: A prototype-based methodology. Information and Software Technology, 2011, 53, 1183-1198.	4.4	27
54	myOLAP: An Approach to Express and Evaluate OLAP Preferences. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1050-1064.	5.7	54

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55	Preference-based datacube analysis with MYOLAP. , 2011, , .		9
56	QBX: A CASE Tool for Data Mart Design. Lecture Notes in Computer Science, 2011, , 358-363.	1.3	7
57	Towards OLAP query reformulation in peer-to-peer data warehousing. , 2010, , .		8
58	A Model-Driven Heuristic Approach for Detecting Multidimensional Facts in Relational Data Sources. Lecture Notes in Computer Science, 2010, , 13-24.	1.3	16
59	A comprehensive approach to data warehouse testing. , 2009, , .		17
60	Business Intelligence. , 2009, , 287-288.		2
61	What-If Analysis. , 2009, , 3525-3529.		11
62	Expressing OLAP Preferences. Lecture Notes in Computer Science, 2009, , 83-91.	1.3	30
63	What-if Simulation Modeling in Business Intelligence. International Journal of Data Warehousing and Mining, 2009, 5, 24-43.	0.6	28
64	Visual Modelling of Data Warehousing Flows with UML Profiles. Lecture Notes in Computer Science, 2009, , 36-47.	1.3	2
65	GRAnD: A goal-oriented approach to requirement analysis in data warehouses. Decision Support Systems, 2008, 45, 4-21.	5.9	160
66	UML-Based Modeling for What-If Analysis. Lecture Notes in Computer Science, 2008, , 1-12.	1.3	8
67	OLAP preferences. , 2007, , .		17
68	X-Time: Schema Versioning and Cross-Version Querying in Data Warehouses. , 2007, , .		12
69	Modeling and language support for the management of pattern-bases. Data and Knowledge Engineering, 2007, 62, 368-397.	3.4	18
70	Conceptual Modeling Solutions for the Data Warehouse. , 2007, , 1-26.		15
71	Research in data warehouse modeling and design. , 2006, , .		134
72	Schema versioning in data warehouses: Enabling cross-version querying via schema augmentation. Data and Knowledge Engineering, 2006, 59, 435-459.	3.4	71

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73	Clustering techniques for protein surfaces. Pattern Recognition, 2006, 39, 2370-2382.	8.1	7
74	Designing what-if analysis. , 2006, , .		45
75	What Time Is It in the Data Warehouse?. Lecture Notes in Computer Science, 2006, , 134-144.	1.3	5
76	Materialization of fragmented views in multidimensional databases. Data and Knowledge Engineering, 2004, 49, 325-351.	3.4	25
77	Beyond data warehousing. , 2004, , .		168
78	Bounding the cardinality of aggregate views through domain-derived constraints. Data and Knowledge Engineering, 2003, 45, 131-153.	3.4	2
79	Correction of dead-reckoning errors in map building for mobile robots. IEEE Transactions on Automation Science and Engineering, 2001, 17, 37-47.	2.3	39
80	Data warehouse design from XML sources. , 2001, , .		85
81	Applying Vertical Fragmentation Techniques in Logical Design of Multidimensional Databases. Lecture Notes in Computer Science, 2000, , 11-23.	1.3	10
82	Genetic operators for hierarchical graph clustering. Pattern Recognition Letters, 1998, 19, 1293-1300.	4.2	24
83	A methodological framework for data warehouse design. , 1998, , .		123
84	THE DIMENSIONAL FACT MODEL: A CONCEPTUAL MODEL FOR DATA WAREHOUSES. International Journal of Cooperative Information Systems, 1998, 07, 215-247.	0.8	316
85	VisTool. , 1998, , .		3
86	Topological clustering of maps using a genetic algorithm. Pattern Recognition Letters, 1995, 16, 89-96.	4.2	14
87	Clustering by discovery on maps. Pattern Recognition Letters, 1992, 13, 89-94.	4.2	4
88	Temporal Data Warehousing. , 0, , 1-18.		3
89	What-If Application Design Using UML. , 0, , 287-306.		0
90	Conceptual Modeling Solutions for the Data Warehouse. , 0, , 24-42.		0

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91	Conceptual Modeling Solutions for the Data Warehouse. , 0, , 44-64.		0