

# Franck Ravat

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

488  
citations

840119

11  
h-index

794141

19  
g-index

65  
all docs

65  
docs citations

65  
times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Algebraic and Graphic Languages for OLAP Manipulations. International Journal of Data Warehousing and Mining, 2008, 4, 17-46.	0.4	56
2	Data Lakes: Trends and Perspectives. Lecture Notes in Computer Science, 2019, , 304-313.	1.0	47
3	Top_Keyword: An Aggregation Function for Textual Document OLAP. Lecture Notes in Computer Science, 2008, , 55-64.	1.0	30
4	Preference-Based Recommendations for OLAP Analysis. Lecture Notes in Computer Science, 2009, , 467-478.	1.0	28
5	Finding an application-appropriate model for XML data warehouses. Information Systems, 2010, 35, 662-687.	2.4	24
6	Management of context-aware preferences in multidimensional databases. , 2008, , .		18
7	Graphical Querying of Multidimensional Databases. Lecture Notes in Computer Science, 2007, , 298-313.	1.0	16
8	Metadata Management for Data Lakes. Communications in Computer and Information Science, 2019, , 37-44.	0.4	15
9	Efficient querying of multidimensional RDF data with aggregates: Comparing NoSQL, RDF and relational data stores. International Journal of Information Management, 2020, 54, 102089.	10.5	14
10	Applying Recommendation Technology in OLAP Systems. Lecture Notes in Business Information Processing, 2009, , 220-233.	0.8	14
11	Modeling and OLAPing social media: the case of Twitter. Social Network Analysis and Mining, 2015, 5, 1.	1.9	13
12	Towards Multidimensional Requirement Design. Lecture Notes in Computer Science, 2006, , 75-84.	1.0	12
13	A Multiversion-Based Multidimensional Model. Lecture Notes in Computer Science, 2006, , 65-74.	1.0	10
14	Towards data warehouse design. , 1999, , .		9
15	A Temporal Object-Oriented Data Warehouse Model. Lecture Notes in Computer Science, 2000, , 583-592.	1.0	9
16	A Conceptual Model for Multidimensional Analysis of Documents. Lecture Notes in Computer Science, 2007, , 550-565.	1.0	9
17	Blockchain-Based Federated Learning in Medicine. Lecture Notes in Computer Science, 2020, , 214-224.	1.0	9
18	Cold-start recommender system problem within a multidimensional data warehouse. , 2013, , .		8

#	ARTICLE	IF	CITATIONS
19	Designing multidimensional cubes from warehoused data and linked open data. , 2016, , .		8
20	An Annotation Management System for Multidimensional Databases. Lecture Notes in Computer Science, 2007, , 89-98.	1.0	8
21	OLAP Analysis Operators for Multi-State Data Warehouses. International Journal of Data Warehousing and Mining, 2016, 12, 20-53.	0.4	7
22	OLAP of the tweets: From modeling toward exploitation. , 2014, , .		6
23	Blockchain-Based Personal Health Records for Patientsâ€™ Empowerment. Lecture Notes in Business Information Processing, 2020, , 455-471.	0.8	6
24	Metadata Management on Data Processing in Data Lakes. Lecture Notes in Computer Science, 2021, , 553-562.	1.0	5
25	Constraint-Based Multi-Dimensional Databases. , 2006, , 323-360.		5
26	Enabling OLAP analyses on the web of data. , 2016, , .		4
27	A Unified Approach to Multisource Data Analyses. Fundamenta Informaticae, 2018, 162, 311-359.	0.3	4
28	A Zone-Based Data Lake Architecture for IoT, Small and Big Data. , 2021, , .		4
29	Data Quality Alerting Model for Big Data Analytics. Communications in Computer and Information Science, 2019, , 489-500.	0.4	4
30	A Framework for OLAP Content Personalization. Lecture Notes in Computer Science, 2010, , 262-277.	1.0	4
31	Differentiated Multiple Aggregations in Multidimensional Databases. Lecture Notes in Computer Science, 2012, , 93-104.	1.0	4
32	Using OCL for Automatically Producing Multidimensional Models and ETL Processes. Lecture Notes in Computer Science, 2012, , 42-53.	1.0	3
33	OLAP Queries Context-Aware Recommender System. Lecture Notes in Computer Science, 2018, , 127-137.	1.0	3
34	Improving the performance of querying multidimensional RDF data using aggregates. , 2019, , .		3
35	Partitioning and local matching learning of large biomedical ontologies. , 2019, , .		3
36	OLAP operators for social network analysis. Cluster Computing, 2020, 23, 2347-2374.	3.5	3

#	ARTICLE	IF	CITATIONS
37	Designing a Business View of Enterprise Data. , 2021, , .		3
38	Facilitate Effective Decision-Making by Warehousing Reduced Data. International Journal of Decision Support System Technology, 2015, 7, 36-64.	0.4	2
39	Data Quality Impact in Business Inteligence. , 2018, , .		2
40	A New Accurate Clustering Approach for Detecting Different Densities in High Dimensional Data. Lecture Notes in Computer Science, 2021, , 167-179.	1.0	2
41	Reducing Multidimensional Data. Lecture Notes in Computer Science, 2014, , 208-220.	1.0	2
42	Une approche d'analyse et de conception de SID Ã base de patrons. IngÃ©nierie des systÃ©mes d'information dÃ©cisionnels. Ingenierie Des Systemes D'Information, 2005, 10, 81-106.	0.5	2
43	Langage pour bases multidimensionnelles : OLAP-SQL. Ingenierie Des Systemes D'Information, 2002, 7, 11-38.	0.5	2
44	Analyse multidimensionnelle de documents via des dimensions OLAP. Document Numerique, 2007, 10, 85-104.	0.2	2
45	DECWA. , 2020, , .		2
46	Multidimensional database modelling with differentiated multiple aggregations. Journal of Decision Systems, 2014, 23, 437-459.	2.2	1
47	Unifying Warehoused Data with Linked Open Data: A Conceptual Modeling Solution. Lecture Notes in Computer Science, 2016, , 245-259.	1.0	1
48	The Impact of Imbalanced Training Data on Local Matching Learning of Ontologies. Lecture Notes in Business Information Processing, 2019, , 162-175.	0.8	1
49	Internal Data Imputation in Data Warehouse Dimensions. Lecture Notes in Computer Science, 2021, , 237-244.	1.0	1
50	Towards an Efficient Approach to Manage Graph Data Evolution: Conceptual Modelling and Experimental Assessments. Lecture Notes in Business Information Processing, 2021, , 471-488.	0.8	1
51	Analysis-oriented Metadata for Data Lakes. , 2021, , .		1
52	AgrÃ©gations multiples diffÃ©rentiÃ©es dans les bases de donnÃ©es multidimensionnelles. Ingenierie Des Systemes D'Information, 2013, 18, 75-102.	0.5	1
53	Automating the Choice of Decision Support System Architecture. Lecture Notes in Computer Science, 2006, , 244-253.	1.0	0
54	ModÃ©lisation conjointe des donnÃ©es et des processus pour lâ€™implantation de schÃ©mas dÃ©entreprises. Journal of Decision Systems, 2012, 21, 27-49.	2.2	0

#	ARTICLE	IF	CITATIONS
55	Managing Reduction in Multidimensional Databases. Lecture Notes in Computer Science, 2018, , 653-666.	1.0	0
56	An Automatic Schema-Instance Approach for Merging Multidimensional Data Warehouses. , 2021, , .		0
57	Decisional Annotations. , 2010, , 65-81.		0
58	Vers un modÃ©le unifiÃ© de donnÃ©es entreposÃ©es et de donnÃ©es ouvertes liÃ©es. Concepts et expÃ©rimentations. Ingenierie Des Systemes D'Information, 2017, 22, 35-67.	0.5	0
59	Multidimensional Anlaysia of XML Document Contents with OLAP Dimensions. , 0, , 155-171.		0