Antoon J Bronselaer

List of Publications by Year
in descending order

70 papers	1,015 citations	687363 13 h-index	454955 30 g-index
74 all docs	74 docs citations	74 times ranked	1499 citing authors

#	Article	IF	Citations
1	The Effects of ARBs, ACEis, and Statins on Clinical Outcomes of COVID-19 Infection Among Nursing Home Residents. Journal of the American Medical Directors Association, 2020, 21, 909-914.e2.	2.5	145
2	Disbiome database: linking the microbiome to disease. BMC Microbiology, 2018, 18, 50.	3.3	137
3	Quorumpeps database: chemical space, microbial origin and functionality of quorum sensing peptides. Nucleic Acids Research, 2013, 41, D655-D659.	14.5	125
4	Alkamid database: Chemistry, occurrence and functionality of plant N-alkylamides. Journal of Ethnopharmacology, 2012, 142, 563-590.	4.1	119
5	Brainpeps: the blood–brain barrier peptide database. Brain Structure and Function, 2012, 217, 687-718.	2.3	66
6	Handling Bipolarity in Elementary Queries to Possibilistic Databases. IEEE Transactions on Fuzzy Systems, 2010, 18, 599-612.	9.8	43
7	Dealing with Positive and Negative Query Criteria in Fuzzy Database Querying. Lecture Notes in Computer Science, 2009, , 593-604.	1.3	28
8	Bipolar database querying using bipolar satisfaction degrees. International Journal of Intelligent Systems, 2011, 26, 890-910.	5.7	27
9	A method based on shape-similarity for detecting similar opinions in group decision-making. Information Sciences, 2014, 258, 291-311.	6.9	24
10	A Measure-Theoretic Foundation for Data Quality. IEEE Transactions on Fuzzy Systems, 2018, 26, 627-639.	9.8	23
11	Measuring data quality in information systems research. Decision Support Systems, 2019, 126, 113138.	5.9	23
12	An Ontology to Standardize Research Output of Nutritional Epidemiology: From Paper-Based Standards to Linked Content. Nutrients, 2019, 11, 1300.	4.1	20
13	A framework for multiset merging. Fuzzy Sets and Systems, 2012, 191, 1-20.	2.7	17
14	POSSIBILISTIC EVALUATION OF SETS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2013, 21, 325-346.	1.9	13
15	Fusion of preferences from different perspectives in a decision-making context. Information Fusion, 2016, 29, 120-131.	19.1	13
16	Perspective: Essential Study Quality Descriptors for Data from Nutritional Epidemiologic Research. Advances in Nutrition, 2017, 8, 639-651.	6.4	12
17	A Possibilistic Approach to String Comparison. IEEE Transactions on Fuzzy Systems, 2009, 17, 208-223.	9.8	11
18	Aspects of object merging. , 2010, , .		10

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19	Using Data Merging Techniques for Generating Multidocument Summarizations. IEEE Transactions on Fuzzy Systems, 2015, 23, 576-592.	9.8	10
20	Extensions of fuzzy measures and Sugeno integral for possibilistic truth values. International Journal of Intelligent Systems, 2009, 24, 97-117.	5.7	9
21	Coreference detection in an XML schema. Information Sciences, 2015, 296, 237-262.	6.9	9
22	Handling veracity in multi-criteria decision-making: A multi-dimensional approach. Information Sciences, 2018, 460-461, 541-554.	6.9	9
23	Properties of Possibilistic String Comparison. IEEE Transactions on Fuzzy Systems, 2010, 18, 312-325.	9.8	8
24	Propagation of Data Fusion. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 1330-1342.	5.7	8
25	COMPARISON OF SETS AND MULTISETS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2009, 17, 153-172.	1.9	7
26	Operational Measurement of Data Quality. Communications in Computer and Information Science, 2018, , 517-528.	0.5	6
27	Automated Cleansing of POI Databases. Intelligent Systems Reference Library, 2013, , 55-91.	1.2	6
28	Multiset Merging: The Majority Rule. Advances in Intelligent and Soft Computing, 2011, , 279-292.	0.2	5
29	Concept Identification in Constructing Multi-Document Summarizations. Communications in Computer and Information Science, 2012, , 276-284.	0.5	5
30	Automatically generating multi-document summarizations. , 2011, , .		4
31	Pointwise multi-valued fusion. Information Fusion, 2015, 25, 121-133.	19.1	4
32	Dynamical order construction in data fusion. Information Fusion, 2016, 27, 1-18.	19.1	4
33	Predicate enrichment of aligned XPaths for wrapper induction. Expert Systems With Applications, 2016, 51, 259-275.	7.6	4
34	Performance optimization of object comparison. International Journal of Intelligent Systems, 2009, 24, 1057-1076.	5.7	3
35	Evaluating flexible criteria on uncertain data. Fuzzy Sets and Systems, 2017, 328, 122-140.	2.7	3
36	Statin Intake and All-Cause Mortality among Older Nursing Home Residents. Gerontology, 2022, 68, 407-411.	2.8	3

#	ARTICLE	IF	CITATIONS
37	Quantifying the Impact of EER Modeling on Relational Database Success: An Experimental Investigation. Lecture Notes in Computer Science, 2020, , 487-500.	1.3	3
38	Ordinal Assessment of Data Consistency Based on Regular Expressions. Communications in Computer and Information Science, 2016, , 317-328.	0.5	3
39	Robustness of Multiset Merge Functions. Communications in Computer and Information Science, 2012, , 481-490.	0.5	3
40	Mining data quality rules based on T-dependence. , 0, , .		3
41	Bipolarity in ear biometrics. , 2011, , .		3
42	Dynamical construction of binary relations in coreference detection. , 2012, , .		2
43	Concept-relational text clustering. International Journal of Intelligent Systems, 2012, 27, 970-993.	5.7	2
44	Semantical mapping of attribute values for data integration. , 2014, , .		2
45	An incremental approach for data quality measurement with insufficient information. International Journal of Approximate Reasoning, 2018, 96, 95-111.	3.3	2
46	Wrapper Induction by XPath Alignment. , 2014, , .		2
47	On the Applicability of Multi-criteria Decision Making Techniques in Fuzzy Querying. Communications in Computer and Information Science, 2012, , 130-139.	0.5	2
48	Enhancing Flexible Querying Using Criterion Trees. Lecture Notes in Computer Science, 2013, , 364-375.	1.3	2
49	Efficient edit rule implication for nominal and ordinal data. Information Sciences, 2022, 590, 179-197.	6.9	2
50	Dynamic repair of categorical data with edit rules. Expert Systems With Applications, 2022, 201, 117132.	7.6	2
51	Impact of [0,1]-valued weights and weighted aggregation operators for possibilistic truth values. , 2008, , .		1
52	Indexing possibilistic temporal data in a database of medieval charters. , 2016, , .		1
53	A comparison technique for ill-known time intervals. , 2016, , .		1
54	Human Centric Data Management. International Journal of Intelligent Systems, 2018, 33, 1989-1991.	5.7	1

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55	Randomness of Data Quality Artifacts. Communications in Computer and Information Science, 2018, , 529-540.	0.5	1
56	Compact representations of temporal databases. VLDB Journal, 2019, 28, 473-496.	4.1	1
57	Data Quality Management: An Overview of Methods and Challenges. Lecture Notes in Computer Science, 2021, , 127-141.	1.3	1
58	Bipolar Comparison of 3D Ear Models. Communications in Computer and Information Science, 2014, , 160-169.	0.5	1
59	Weak Preservation of Multi-Valued Fusion. , 2013, , .		1
60	Data Quality Improvement by Constrained Splitting. Advances in Intelligent Systems and Computing, 2015, , 547-557.	0.6	1
61	Consistently handling geographical user data: Merging of coreferent POIs. , 2010, , .		0
62	Comparing f $\hat{I}^2$ -Optimal with Distance Based Merge Functions. Lecture Notes in Computer Science, 2013, , 233-244.	1.3	0
63	Data Driven XPath Generation. Advances in Intelligent Systems and Computing, 2015, , 569-580.	0.6	0
64	Partial absorption aggregators with Fuzzy Integrals. , 2016, , .		0
65	Content Data Based Schema Matching. Studies in Computational Intelligence, 2016, , 281-322.	0.9	0
66	Disbiome: A Database Describing Microbiome Alterations in Different Disease States. , 2021, , 468-479.		0
67	Efficient GCD functions in SQL. , 2013, , .		0
68	Indexing Possibilistic Numerical Data: The Interval B $$^{+}$$ -tree Approach. Communications in Computer and Information Science, 2016, , 305-316.	0.5	0
69	A Possibilistic Treatment of Data Quality Measurement. Communications in Computer and Information Science, 2016, , 367-378.	0.5	0
70	On the Need for Explicit Confidence Assessments of Flexible Query Answers. Lecture Notes in Computer Science, 2017, , 51-58.	1.3	0