

# David Broneske

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6979608/publications.pdf>

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15  
papers

65  
citations

1937685

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h-index

1720034

7  
g-index

15  
all docs

15  
docs citations

15  
times ranked

40  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Investigation of Alternatives to Transform Protein Sequence Databases to a Columnar Index Schema. Algorithms, 2021, 14, 59.	2.1	0
2	SQLValidator – An Online Student Playground to Learn SQL. Datenbank-Spektrum, 2021, 21, 73-81.	1.3	14
3	In-Depth Analysis of OLAP Query Performance on Heterogeneous Hardware. Datenbank-Spektrum, 2021, 21, 133-143.	1.3	2
4	Towards multi-purpose main-memory storage structures: Exploiting sub-space distance equalities in totally ordered data sets for exact knn queries. Information Systems, 2021, 101, 101791.	3.6	1
5	Selective Caching: A Persistent Memory Approach for Multi-Dimensional Index Structures. , 2020, , .		2
6	GridTables: A One-Size-Fits-Most H2TAP Data Store. Datenbank-Spektrum, 2020, 20, 43-56.	1.3	2
7	Combining Two Worlds: MonetDB with Multi-Dimensional Index Structure Support to Efficiently Query Scientific Data. , 2020, , .		0
8	Efficient Evaluation of Multi-Column Selection Predicates in Main-Memory. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1296-1311.	5.7	5
9	Efficient Inter-Kernel Communication for OpenCL Database Operators on FPGAs. , 2018, , .		2
10	Integration of FPGAs in Database Management Systems: Challenges and Opportunities. Datenbank-Spektrum, 2018, 18, 145-156.	1.3	13
11	Cooking DBMS Operations using Granular Primitives. Datenbank-Spektrum, 2018, 18, 183-193.	1.3	4
12	An eight-dimensional systematic evaluation of optimized search algorithms on modern processors. Proceedings of the VLDB Endowment, 2018, 11, 1550-1562.	3.8	9
13	Accelerating Multi-Column Selection Predicates in Main-Memory - The Elf Approach. , 2017, , .		9
14	Exploiting capabilities of modern processors in data intensive applications. IT - Information Technology, 2017, 59, 133-140.	0.9	2
15	Selective caching: a persistent memory approach for multi-dimensional index structures. Distributed and Parallel Databases, 0, , 1.	1.6	0