

# Manos Athanassoulis

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

824  
citations

933447

10  
h-index

1199594

12  
g-index

30  
all docs

30  
docs citations

30  
times ranked

446  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Endure. Proceedings of the VLDB Endowment, 2022, 15, 1605-1618.  | 3.8 | 3         |
| 2  | Dissecting, Designing, and Optimizing LSM-based Data Stores. , 2022, , .   |     | 7         |
| 3  | Compactionary: A Dictionary for LSM Compactions. , 2022, , .   |     | 4         |
| 4  | A Parametric I/O Model for Modern Storage Devices. , 2021, , .   |     | 11        |
| 5  | Reducing Bloom Filter CPU Overhead in LSM-Trees on Modern Storage Devices. , 2021, , .   |     | 7         |
| 6  | Transparent Data Transformation. SIGMOD Record, 2021, 50, 33-34.   | 1.2 | 0         |
| 7  | Constructing and analyzing the LSM compaction design space. Proceedings of the VLDB Endowment, 2021, 14, 2216-2229.  | 3.8 | 17        |
| 8  | Adaptive partitioning and indexing for in situ query processing. VLDB Journal, 2020, 29, 569-591.  | 4.1 | 14        |
| 9  | Lethe: A Tunable Delete-Aware LSM Engine. , 2020, , .  |     | 28        |
| 10 | Past and Future Steps for Adaptive Storage Data Systems: From Shallow to Deep Adaptivity. Lecture Notes in Business Information Processing, 2019, , 85-94. | 1.0 | 0         |
| 11 | Optimal column layout for hybrid workloads. Proceedings of the VLDB Endowment, 2019, 12, 2393-2407.  | 3.8 | 25        |
| 12 | Optimal Bloom Filters and Adaptive Merging for LSM-Trees. ACM Transactions on Database Systems, 2018, 43, 1-48.  | 2.8 | 35        |
| 13 | Monkey. , 2017, , .  |     | 134       |
| 14 | Access Path Selection in Main-Memory Optimized Data Systems. , 2017, , .   |     | 31        |
| 15 | Slalom. Proceedings of the VLDB Endowment, 2017, 10, 1106-1117.  | 3.8 | 33        |
| 16 | Design Tradeoffs of Data Access Methods. , 2016, , .   |     | 17        |
| 17 | UpBit. , 2016, , .   |     | 17        |
| 18 | Online Updates on Data Warehouses via Judicious Use of Solid-State Storage. ACM Transactions on Database Systems, 2015, 40, 1-42.                          | 2.8 | 10        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Queriosity: Automated Data Exploration. , 2015, , .  |     | 19        |
| 20 | Beyond the Wall. , 2015, , .   |     | 51        |
| 21 | BF-tree. Proceedings of the VLDB Endowment, 2014, 7, 1881-1892.  | 3.8 | 44        |
| 22 | Reactive and proactive sharing across concurrent analytical queries. , 2014, , .                                 |     | 3         |
| 23 | Scaling up analytical queries with column-stores. , 2013, , .  |     | 1         |
| 24 | Sharing data and work across concurrent analytical queries. Proceedings of the VLDB Endowment, 2013, 6, 637-648. | 3.8 | 25        |
| 25 | Scalability of write-ahead logging on multicore and multsocket hardware. VLDB Journal, 2012, 21, 239-263.        | 4.1 | 47        |
| 26 | TPC-E vs. TPC-C. SIGMOD Record, 2011, 39, 5-10.  | 1.2 | 60        |
| 27 | MaSM. , 2011, , .  |     | 28        |
| 28 | Aether. Proceedings of the VLDB Endowment, 2010, 3, 681-692.   | 3.8 | 99        |
| 29 | Evaluating and repairing write performance on flash devices. , 2009, , .   |     | 31        |
| 30 | A new look at the roles of spinning and blocking. , 2009, , .  |     | 23        |