

# Yi Yao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11996608/publications.pdf>

Version: 2024-02-01

10  
papers

147  
citations

2682572

2  
h-index

2272923

4  
g-index

10  
all docs

10  
docs citations

10  
times ranked

108  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | New Scheduling Algorithms for Improving Performance and Resource Utilization in Hadoop YARN Clusters. IEEE Transactions on Cloud Computing, 2021, 9, 1158-1171. | 4.4 | 21        |
| 2  | New YARN Non-Exclusive Resource Management Scheme through Opportunistic Idle Resource Assignment. IEEE Transactions on Cloud Computing, 2021, 9, 696-709.       | 4.4 | 1         |
| 3  | Optimizing Internal Overlaps by Self-Adjusting Resource Allocation in Multi-Stage Computing Systems. IEEE Access, 2021, 9, 88805-88819.                         | 4.2 | 1         |
| 4  | OpERA: Opportunistic and Efficient Resource Allocation in Hadoop YARN by Harnessing Idle Resources. , 2016, , .   |     | 6         |
| 5  | OMO: Optimize MapReduce overlap with a good start (reduce) and a good finish (map). , 2015, , .   |     | 9         |
| 6  | Admission control in YARN clusters based on dynamic resource reservation. , 2015, , .   |     | 6         |
| 7  | LsPS: A Job Size-Based Scheduler for Efficient Task Assignments in Hadoop. IEEE Transactions on Cloud Computing, 2015, 3, 411-424.                              | 4.4 | 25        |
| 8  | FRESH: Fair and Efficient Slot Configuration and Scheduling for Hadoop Clusters. , 2014, , .  |     | 25        |
| 9  | HaSTE: Hadoop YARN Scheduling Based on Task-Dependency and Resource-Demand. , 2014, , .   |     | 43        |
| 10 | Using a Tunable Knob for Reducing Makespan of MapReduce Jobs in a Hadoop Cluster. , 2013, , .   |     | 10        |