# Vijay Gadepally

List of Publications by Year
in descending order

| | | |
|---|---|---|
| 16<br>papers | 283<br>citations | 1684188<br>5<br>h-index |
| 16<br>all docs | 16<br>docs citations | 16<br>times ranked |

1474206
9
g-index

286
citing authors

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | The BigDAWG polystore system and architecture. , 2016, , . | | 63 |
| 2 | Computing on masked data: a high performance method for improving big data veracity. , 2014, , . | | 48 |
| 3 | A survey of cryptographic approaches to securing big-data analytics in the cloud. , 2014, , . | | 40 |
| 4 | Learning by doing, High Performance Computing education in the MOOC era. Journal of Parallel and Distributed Computing, 2017, 105, 105-115. | 4.1 | 34 |
| 5 | MATLAB for Signal Processing on Multiprocessors and Multicores. IEEE Signal Processing Magazine, 2010, 27, 40-49. | 5.6 | 23 |
| 6 | One Size Does Not Fit All: Querying Web Polystores. IEEE Access, 2019, 7, 9598-9617. | 4.2 | 19 |
| 7 | A Framework for Estimating Long Term Driver Behavior. Journal of Advanced Transportation, 2017, 2017, 1-11. | 1.7 | 14 |
| 8 | Hyperscaling Internet Graph Analysis with D4M on the MIT SuperCloud. , 2018, , . | | 13 |
| 9 | A Computational Science IDE for HPC Systems: Design and Applications. International Journal of Parallel Programming, 2009, 37, 91-105. | 1.5 | 12 |
| 10 | Developing a Computational Science IDE for HPC Systems. , 2007, , . | | 5 |
| 11 | Percolation Model of insider threats to assess the optimum number of rules. Environment Systems and Decisions, 2015, 35, 504-510. | 3.4 | 4 |
| 12 | Storage and Database Management for Big Data. , 2016, , 15-41. | | 3 |
| 13 | Lessons Learned from a Decade of Providing Interactive, On-Demand High Performance Computing to Scientists and Engineers. Lecture Notes in Computer Science, 2018, , 655-668. | 1.3 | 2 |
| 14 | An Emerging Role for Polystores in Precision Medicine. Lecture Notes in Computer Science, 2017, , 41-52. | 1.3 | 1 |
| 15 | A cloud-based brain connectivity analysis tool. , 2017, , . | | 1 |
| 16 | A Polystore Based Database Operating System (DBOS). Lecture Notes in Computer Science, 2021, , 3-24. | 1.3 | 1 |