# Zhao Zhang

List of Publications by Year
in descending order

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|---|---|---|---|
| 9 papers | 492 citations | 1937685 4 h-index | 2053705 5 g-index |
| 10 all docs | 10 docs citations | 10 times ranked | 566 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | ImageNet Training in Minutes. , 2018, , . | | 222 |
| 2 | Deep learning-based point-scanning super-resolution imaging. Nature Methods, 2021, 18, 406-416. | 19.0 | 98 |
| 3 | Parallel Scripting for Applications at the Petascale and Beyond. Computer, 2009, 42, 50-60. | 1.1 | 78 |
| 4 | Fast Deep Neural Network Training on Distributed Systems and Cloud TPUs. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2449-2462. | 5.6 | 42 |
| 5 | Kira: Processing Astronomy Imagery Using Big Data Technology. IEEE Transactions on Big Data, 2020, 6, 369-381. | 6.1 | 21 |
| 6 | Convolutional Neural Network Training with Distributed K-FAC. , 2020, , . | | 11 |
| 7 | Optimizing GPU-Enhanced HPC System and Cloud Procurements for Scientific Workloads. Lecture Notes in Computer Science, 2021, , 313-331. | 1.3 | 1 |
| 8 | Application Skeleton: Generating Synthetic Applications for Infrastructure Research. Journal of Open Source Software, 2016, 1, 17. | 4.6 | 1 |
| 9 | Deep Neural Network Training with Distributed K-FAC. IEEE Transactions on Parallel and Distributed Systems, 2022, , 1-1. | 5.6 | 0 |