# Yifan Sun

## List of Publications by Year
in descending order

| 31 papers | 449 citations | 1684188<br>5<br>h-index | 1872680<br>6<br>g-index |
|---|---|---|---|
| 34 all docs | 34 docs citations | 34 times ranked | 358 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Shifting Trust: Examining How Trust and Distrust Emerge, Transform, and Collapse in COVID-19 Information Seeking. , 2022, , . | | 11 |
| 2 | Understanding wafer-scale GPU performance using an architectural simulator. , 2022, , . | | 0 |
| 3 | GNNMark: A Benchmark Suite to Characterize Graph Neural Network Training on GPUs. , 2021, , . | | 15 |
| 4 | Mapping the Landscape of COVID-19 Crisis Visualizations. , 2021, , . | | 38 |
| 5 | Daisen: A Framework for Visualizing Detailed GPU Execution. Computer Graphics Forum, 2021, 40, 239-250. | 3.0 | 2 |
| 6 | Spartan: A Sparsity-Adaptive Framework to Accelerate Deep Neural Network Training on GPUs. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2448-2463. | 5.6 | 5 |
| 7 | Griffin: Hardware-Software Support for Efficient Page Migration in Multi-GPU Systems. , 2020, , . | | 19 |
| 8 | Effects of trust-based decision making in disrupted supply chains. PLoS ONE, 2020, 15, e0224761. | 2.5 | 13 |
| 9 | Introducing Gamettes: A Playful Approach for Capturing Decision-Making for Informing Behavioral Models. , 2020, , . | | 10 |
| 10 | Valkyrie. , 2020, , . | | 11 |
| 11 | Effects of trust-based decision making in disrupted supply chains. , 2020, 15, e0224761. | | 0 |
| 12 | Effects of trust-based decision making in disrupted supply chains. , 2020, 15, e0224761. | | 0 |
| 13 | Effects of trust-based decision making in disrupted supply chains. , 2020, 15, e0224761. | | 0 |
| 14 | Effects of trust-based decision making in disrupted supply chains. , 2020, 15, e0224761. | | 0 |
| 15 | MGPUSim. , 2019, , . | | 49 |
| 16 | Priority-Based PCIe Scheduling for Multi-Tenant Multi-GPU Systems. IEEE Computer Architecture Letters, 2019, 18, 157-160. | 1.5 | 13 |
| 17 | Exploiting Adaptive Data Compression to Improve Performance and Energy-Efficiency of Compute Workloads in Multi-GPU Systems. , 2019, , . | | 8 |
| 18 | Characterizing the Microarchitectural Implications of a Convolutional Neural Network (CNN) Execution on GPUs. , 2018, , . | | 15 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | AN INTEGRATED SIMULATION FRAMEWORK FOR EXAMINING RESILIENCY IN PHARMACEUTICAL SUPPLY CHAINS CONSIDERING HUMAN BEHAVIORS. , 2018, , . | | 4 |
| 20 | Profiling DNN Workloads on a Volta-based DGX-1 System. , 2018, , . | | 22 |
| 21 | Evaluating Performance Tradeoffs on the Radeon Open Compute Platform. , 2018, , . | | 21 |
| 22 | Airavat: Improving energy efficiency of heterogeneous applications. , 2018, , . | | 7 |
| 23 | Moka: Model-based concurrent kernel analysis. , 2017, , . | | 0 |
| 24 | Modeling player decisions in a supply chain game. , 2016, , . | | 5 |
| 25 | UMH. Transactions on Architecture and Code Optimization, 2016, 13, 1-25. | 2.0 | 16 |
| 26 | Hetero-mark, a benchmark suite for CPU-GPU collaborative computing. , 2016, , . | | 64 |
| 27 | A comprehensive performance analysis of HSA and OpenCL 2.0. , 2016, , . | | 24 |
| 28 | Accessing Spectrum Databases Using Interference Alignment in Vehicular Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 263-272. | 6.3 | 19 |
| 29 | Enabling emergency communication through a cognitive radio vehicular network. , 2014, 52, 68-75. | | 31 |
| 30 | The internet underwater. , 2013, , . | | 17 |
| 31 | A hybrid MAC protocol with channel-dependent optimized scheduling for clustered underwater acoustic sensor networks. , 2013, , . | | 9 |