

Karthik Sankaranarayanan

List of Publications by Year in descending order

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Version: 2024-02-01

5
papers

825
citations

2258059

3
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

486
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Temperature-aware microarchitecture. Transactions on Architecture and Code Optimization, 2004, 1, 94-125. | 2.0 | 640 |
| 2 | Accurate, Pre-RTL Temperature-Aware Design Using a Parameterized, Geometric Thermal Model. IEEE Transactions on Computers, 2008, 57, 1277-1288. | 3.4 | 92 |
| 3 | HotSpot: a dynamic compact thermal model at the processor-architecture level. Microelectronics Journal, 2003, 34, 1153-1165. | 2.0 | 88 |
| 4 | Architectural implications of spatial thermal filtering. The Integration VLSI Journal, 2013, 46, 44-56. | 2.1 | 3 |
| 5 | Thermal benefit of multi-core floorplanning: A limits study. Sustainable Computing: Informatics and Systems, 2011, 1, 286-293. | 2.2 | 2 |