

Jan HÃ¼ckelheim

List of Publications by Year in descending order

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15
papers

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2258059

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55
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Training on the Edge: The why and the how. , 2019, , . | | 19 |
| 2 | Reverse-mode automatic differentiation and optimization of GPU kernels via enzyme. , 2021, , . | | 16 |
| 3 | Parallelizable adjoint stencil computations using transposed forward-mode algorithmic differentiation. Optimization Methods and Software, 2018, 33, 672-693. | 2.4 | 9 |
| 4 | Automatic Differentiation for Adjoint Stencil Loops. , 2019, , . | | 9 |
| 5 | Reverse-mode algorithmic differentiation of an OpenMP-parallel compressible flow solver. International Journal of High Performance Computing Applications, 2019, 33, 140-154. | 3.7 | 7 |
| 6 | Optimised finite difference computation from symbolic equations. , 2017, , . | | 6 |
| 7 | Source-to-Source Automatic Differentiation of OpenMP Parallel Loops. ACM Transactions on Mathematical Software, 2022, 48, 1-32. | 2.9 | 4 |
| 8 | Verifying the Floating-Point Computation Equivalence of Manually and Automatically Differentiated Code. , 2017, , . | | 3 |
| 9 | Spray: Sparse Reductions of Arrays in OPENMP. , 2021, , . | | 3 |
| 10 | Vector Forward Mode Automatic Differentiation on SIMD/SIMT architectures. , 2020, , . | | 3 |
| 11 | Towards Self-Verification in Finite Difference Code Generation. , 2017, , . | | 1 |
| 12 | Vectorised Computation of Diverging Ensembles. , 2018, , . | | 1 |
| 13 | Computation of the Tangent-Linear Solution for LCO-Converged Nonlinear Flows. , 2015, , . | | 0 |
| 14 | Error Estimation and Correction Using the Forward CENA Method. Lecture Notes in Computer Science, 2021, , 765-778. | 1.3 | 0 |
| 15 | Verifying Properties of Differentiable Programs. Lecture Notes in Computer Science, 2018, , 205-222. | 1.3 | 0 |