Green Journals

International Approved Journals

Journal Information

Journal Title	ACM Transactions on Parallel Computing
Publisher	Association for Computing Machinery
ISSN	2329-4949
E-ISSN	2329-4957
Database	SCOPUS
Domain	Physical Sciences

Classification History

Year	A+	A	B	C
2026			✓	
2025			✓	
2024			✓	
2023			✓	
2021/2022			✓	
2020			✓	
2019			✓	
2018				

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

On the Efficiency of Dynamic Transaction Scheduling in Blockchain Sharding
2026-11-6
Authors: Ramesh Adhikari, Costas Busch, Miroslav Popovic
DOI: 10.1145/3857391

Parallel Clustered Mesh Simplification with Quantifiable Error for Unified Mesh Representations in Rasterization and BVH-Based Digital Twin Simulations
2026-9-11 Vol. 13 Issue 3-4 Pages 1-32
Authors: Moritz Alfrink, Jürgen Rossmann
DOI: 10.1145/3821431

Parallel Minimum Cost Flow in Near-Linear Work and Square Root Depth for Dense Instances
2026-8-5
Authors: Jan van den Brand, Hossein Gholizadeh, Yonggang Jiang et al.
DOI: 10.1145/3833219

High performance fully in-GPU parallel inductive learner in description logic
2026-6-26 Vol. 13 Issue 2 Pages 1-37
Authors: Eyad Algahtani
DOI: 10.1145/3820168

parallALT: Fully Spectral GPU Accelerated Spherical Harmonic Transform Library
2026-6-22 Vol. 13 Issue 2 Pages 1-31
Authors: Dmitrii Tolmachev
DOI: 10.1145/3807446

S-TRAC: An Algorithm–Hardware Co-design of Sparsity-aware Threshold Adjustment for Accelerator-based RISC-V ISA Extensions
2026-2-24
Authors: Yueting Li, Terry Tao Ye, Wanshuang Lin et al.
DOI: 10.1145/3799240

Interactive Java Algorithms for Dynamic Visualization of Parallel Computing Threads
2026-2-13 Vol. 13 Issue 1 Pages 1-15
Authors: Liubov Evseeva, Vugar Salmanov, Zumrud Safarova et al.
DOI: 10.1145/3777419

Non-Clairvoyant Makespan Minimization Scheduling with Predictions
2026-2-13 Vol. 13 Issue 1 Pages 1-20
Authors: Evripidis Bampis, Alexander Kononov, Giorgio Lucarelli et al.
DOI: 10.1145/3777410

The MultiQueue: A Simple and Fast Relaxed Concurrent Priority Queue
2025-12-12 Vol. 12 Issue 4 Pages 1-39
Authors: Marvin Williams, Peter Sanders
DOI: 10.1145/3771738

Optimal, Non-pipelined Reduce-scatter and Allreduce Algorithms with an Application to All-to-all Communication
2025-12-12 Vol. 12 Issue 4 Pages 1-23
Authors: Jesper Larsson Träff
DOI: 10.1145/3760789