A Complete Bibliography of *ACM Transactions on Parallel Computing (TOPC)*

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Title word cross-reference

\[k\] [SLL\textsuperscript{+20}].

\[-\text{way}\] [SLL\textsuperscript{+20}].

\[1\] [TPFH\textsuperscript{20}].

2013 [DH\textsuperscript{15}]. 2014 [MSS\textsuperscript{16}]. 2016 [BHHL\textsuperscript{17a}, BHHL\textsuperscript{17b}, Gil\textsuperscript{18}]. 2017 [LRSLS\textsuperscript{20}].

\[3\] [HDT\textsuperscript{+15}].

Abort [DR\textsuperscript{15}]. Abortable [CAL\textsuperscript{20}]. Abortable-locking [CAL\textsuperscript{20}]. Abstract [GNC\textsuperscript{+17}]. Accelerating [HSY\textsuperscript{+20}].

Acceleration [GCF\textsuperscript{+20}]. Accelerators [HKL\textsuperscript{+14}]. Access [AG\textsuperscript{18}, AKMW\textsuperscript{18}, HDT\textsuperscript{+15}]. Accesses [KD\textsuperscript{19}]. Accuracy [BHB\textsuperscript{+15}]. ACM [Gib\textsuperscript{14}]. Adaptive [GWWL\textsuperscript{16}, JCG\textsuperscript{+14}, MSA\textsuperscript{+18}, MWF\textsuperscript{+19}]. Adaptivity [LKY\textsuperscript{18}]. Adding [ST\textsuperscript{17}].

Addressing [DAC\textsuperscript{+16}]. Affine [DMB\textsuperscript{16}]. Against [ES\textsuperscript{15}]. Aggregation [GNC\textsuperscript{+17}].

Airwaves [GZ\textsuperscript{15}]. Algebraic [ABB\textsuperscript{+20}].

Algorithm [ADMO\textsuperscript{17}, BHB\textsuperscript{+15}, CDPN\textsuperscript{19}, SLL\textsuperscript{+20}, SB\textsuperscript{14}]. Algorithm-Based [BHB\textsuperscript{+15}]. Algorithmic [GNC\textsuperscript{+17}].

Algorithms [AG\textsuperscript{18}, AKPM\textsuperscript{20}, BC\textsuperscript{16}, CGT\textsuperscript{+17}, DK\textsuperscript{20}, JMT\textsuperscript{16}, Kha\textsuperscript{19}, KK\textsuperscript{16}, KMM\textsuperscript{V15}, MIF\textsuperscript{16}, PRS\textsuperscript{18}, SG\textsuperscript{15}].

Aligners [SMM\textsuperscript{+16}]. All-to-All [SS\textsuperscript{19}].

Allocating [SA\textsuperscript{16}]. Allocation
Among [CB16]. Analysis
[PSFB19, SBF+16]. Analytics
[BBB+20, WPD+17]. APGAS [THC+16],
application [SB14]. Applications
[AGL19, BBPS19, BNSPP20, BGA+16,
CDG17, HJWdM20, TPFH20, WMP14].
Applied [MA18]. Approximate
[LPY18, ST17]. Architectural [HHA17].
Assessing [BCRS16]. Asynchronous
[BSF19, SBF19]. Atomicity [GGRSY17].
Attachment [AKPM20]. Attacks [ES15].
Autogen [CGT+17]. Automatic [ALMS18,
CGT+17, GGRSY17, REP+14, WMP14].
Autotuners [LTL+18]. Autotuning
[BBPS19, LTL+18]. Avoiding [BDK15].
Aware [KR18].

Balanced [MWF+19]. Balancing
[CDPN19, ACYC+20]. Band [BDK15].
BARAN [MSA+18]. Based
[BGLP16, BHB+15, GCF+20, MMF+15,
SG18, SLL+20]. Better [MRR18]. Bimodal
[MSA+18]. Bin [AV19]. Binary [NRM20].
Block [SMM+16]. Bound [BSS18, MP15].
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[AV19, CRR19, MRR18]. Branch [MP15].
Branching [CRR19, DPRR15, MRR18].
Broadcast [GZ15]. BSP [BSS18]. Build
[LTL+18]. Butterfly [ST19].
Butterfly-patterned [ST19].

C [SG18]. C-Stream [SG18]. Cache
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Centers [Alb19]. Channel [XZZY15].
Chief [Bad19]. Chip [MSA+18, XZZY15].
Chromatic [KHS16]. Clairvoyant [AV19],
class [REP+14]. Clique [DSMT20, MP15].
Clos [YNM16]. Closure [KH15].
Clustering [FLEN15, GLZ19, SZ19].
Clusters [CDPN19, JMNY15]. Co [SG18].
Co-routine-Based [SG18]. Coalescing

[CR19, DPRR15, MRR18]. Coalescing-Branching
[CR19, DPRR15, MRR18]. Code [MA18].
Cohering [DMS15]. Collective [SG15].
Coloring [ABB+20]. Combining [JX20].
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[BDK15, BSS18, CDPN19, SS19, WMP14].
Competitive [DKKM15]. Competitively
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[KH15]. Computation [CSC+18].
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[HSS15, KHS16, KL19, MHLK18].
Computer [AKS+20]. Computing
[BGHS16, HSY+20, JMNY15, G1b14].
Concurrency [TDB16]. Concurrent
[GNC+17, MSD19, NRM20, VN19].
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[PRS18]. Conquer [CGT+17].
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[AG18]. construction [SB14].
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[ALB+18]. Continuous [DKKM15].
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core [JX20]. CoREC [DS+20]. Cores
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[BGLP16]. CUDA [KH15]. Customized
[GCF+20]. Cycles [FO19].

Damaris [DAC+16]. Data [AG18, Alb19,
DK20, DAB+16, DSD+20, GNC+17, HHA17,
KHS16, MG17, RB14, ZLLD18].
Data-Graph [KHS16]. Deadline
[JMNY15]. Deadline-Sensitive [JMNY15].
Decomposition [LS+19]. Deep [PSFB19].
Dense [BHB+15]. Dependence [CZ+17].
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[DMS15]. Designs [GNC+17]. Detection
[DVS18, FO19, KUCT15, LS18].
Deterministic [VN19, YNM16].
Deterministically [KHS16]. Devices
[AKMW18]. DFS [Kha19]. Differentiated
Dimensions [DVS18].

Discovery [CGT+17]. Discrete [ST19].

Distributed [DMB16, FO19, GLZ19, KX16, LSE+19, PRS18, SZ19, REP+14].

Distributed-memory [LSE+19].

Distributions [ST19]. Divide [CGT+17].

Divide-&-Conquer [CGT+17]. DomLock [KN17].

Draw [ST19]. Dual [AG18, IS17].

Dynamic [AKMW18, AV19, CGT+17, DMB16, KHS16, KUCT15, Kha19, MMIM16, MKPSA20].

Dynamic-memory [LSE+19].

Distributions [ST19]. Divide [CGT+17].

Divide-&-Conquer [CGT+17]. DomLock [KN17].

Draw [ST19]. Dual [AG18, IS17].

Dynamic [AKMW18, AV19, CGT+17, DMB16, KHS16, KUCT15, Kha19, MMIM16, MKPSA20].

EagerMap [CDPN19]. Editor
[Bad19, BHHIL7a, BHHIL7b, Her15].

Editor-in-Chief [Bad19]. Editorial
[Bad19]. Efficient [CZS+17, CAL20, CGT+17, DR15, GNC+17, LS18, PRS16, SLL+20, SSS15, ABB+20, LKPP20].

Elastic [SG18]. Element [DK20, KL19].

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Executing [KHS16]. Execution [HSS15].

Experimental [SBF+16]. Explicit [HSS15].

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[CDG17]. Extreme [TK15].

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[BDA+18, KMVV15, MSD19, PRS18]. Fault
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[DK20, KL19, ZLLD18, AKPM20, NRM20].

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[IS17]. Generalized [BWB+19].

Generating [AKPM20]. generation
[WMP14]. Globally [MWF+19]. GPPU
[MA18]. GPOP [LKPP20]. GPU
[ADMO17, BNSPP20, MGG15, WPD+17, YSS+19]. GPUs
[ACYC+20, BDA+18, GWWL16]. Gradient
[GWWL16]. Granularity [KN17]. Graph
[BNSPP20, CSC+18, KHS16, KX16, LKPP20, MGG15, SZ19, WPD+17].

Graphs [BO16, KL19]. Graphs
[BSC+18, CRR19, DSMT20, DPR15, Kha19, PRS18]. Greedy [KMVV15].

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Guarantees [AKMW18]. Guest
[BHHL7a, BHHIL7b, Her15]. Gunrock
[WPD+17].

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[MSS19]. Hedonic [FLEN15]. Heuristics
[SA16]. Hierarchies [KN17]. High
[BDA+18, KL15, KLS15, MGG15, MA18, XZZY15]. High-Frequency [XZZY15].

High-Order [KL19]. High-Performance
[MGG15]. High-Quality [BDA+18].

High-Throughput [XZZY15]. HPC
[BBPS19]. Hybridizing [CZS+17].

Hypergraph [BDKS16]. Hypergraphs
[BGHS16]. Hyperobjects [LS18].

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[HKL+14]. Identifying [BGA+16].

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[CDG17, DSD+20]. In-place [SLL+20].  
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Intermediate [IMPT16, SML19]. Intratile  
[MHLK18]. Introduction [ALS18,  
BHHHL7a, BHHHL7b, BHL19, DH15, Gil18,  
Gro17, Her15, LDML16, LRLS20, Lil14,  
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Inversion [SSS15]. IRIS [ES15]. Irregular  
[TPFH20, REP+14]. Issue  
[ALS18, BHHHL7a, BHHHL7b, BHL19,  
DH15, Gil18, LDML16, LRLS20, MSS16,  
PRS15, RLSLS19, TPFH20]. Iterations  
[KMPSV15]. MA18, PRS18.  
Jobs [JMNY15, KD19]. join [SML19].  
Joint [SA16].  
Kernels [ACYC+20]. Key [BBB+20].  
KiWi [BBB+20].  
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MA18, PRS18]. Large-Scale  
[BGA+16, BNSPP20]. Learning [PSFB19].  
Lease [HHA17]. Lease/Release [HHA17].  
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[AXA20]. Many/Multi-core [JXA20]. Map  
[BBB+20]. Mapping [CDPN19].  
MapReduce [KMPSV15]. MASA  
[SMM+16]. Massive [AKPM20]. Massively  
[LSE+19]. Matching [AG18]. Matrix  
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Matrix-Free [DK20, KL19]. Maximal  
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[AG18, MP15]. Mechanisms [JMNY15].  
Memory [ALMS18, CDG17, DMB16, DR15,  
EDMSV15, HDT+15, KUCT15, LKPP20,  
MHLK18, MWF+15, DSTM20, DSD+20,  
LSE+19, REP+14]. Memory-efficient  
[LKPP20]. Memory-Starved [MHLK18].  
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Message [PRS16]. methodology [WMP14].  
Methods [MMM16]. Metrics [RB14].  
Mobile [AKM18, FH19]. Model  
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Moore [HSY+20]. MPI  
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MPI-3 [HDT+15]. MPI-Parallel [DK20].  
MST [PRS18]. Multi [BNSPP20, CAL20,  
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[DK20]. Multichip [RB14]. Multicore  
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[SMM+16]. Multiple  
[BOU16, BHB+15, CB16, KP15].  
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[ASA18, ABB+20, BDKS16]. Multiported
Multiway [GNC+17]. Mutual [AH19, KD19].

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Noise-Tolerant [HSS15]. Nonblocking [IS17]. Nonuniform [CAL20, DMS15, MG17].

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O [AGL19, BBPS19, PSFB19]. Objects [KH15]. Oblivious [CR17, UALK19]. Off [TJK15].
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Pagoda [YSS+19]. Parallel [ASA18, AKPM20, AKMW18, ADMO17, BGHS16, BGA+16, BWB+19, CZS+17, DSMIT20, DK20, EDMSV15, GIl+14, JMT16, Kha19, KX16, LSE+19, MP15, RBJ+19, SLL+20, SB14, WMP14]. Parallelism [JXA20, LLS+15, RBJ+19, SML19].
Parallelization [MP15].
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PowerLyra [CSC+18]. PPoPP [BHHL17a, BHHL17b, LRSLS20, RLSLS19].
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Scale [AKPM20, BGA+16, TJK15, BNSPP20].

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ThreadScan [ALMS18]. Throughput
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**Aravind:2019:GME**


**Anta:2018:SDP**


**Alam:2020:GMS**


**Anderson:2020:RRO**


**Amer:2018:LCM**

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Bouteiller:2015:ABF


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**Kaler:2016:EDD**


**Kronbichler:2019:MMF**

Kumar:2015:FGA


Kalik:2017:DNM


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