

# A Complete Bibliography of Publications in *Computing and Software for Big Science*

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## Title word cross-reference

[41, 13, 2, 14]. **Big** [28, 37]. **Binned** [44].  
**Busy** [27, 21].

*b* [39].

**2020s** [29, 20].

**Accelerated** [26]. **Accurate** [12].  
**Advancing** [40]. **Adversarial** [8, 17, 12, 4].  
**Agents** [5, 23]. **Algorithm** [30, 2]. **Allen**  
[36]. **Amazon** [1]. **Analyses** [50].  
**Annealers** [30]. **Apache** [11].  
**Applications** [48, 45]. **Applying** [35].  
**Archive** [5, 23]. **Artificial** [16].  
**Astroparticle** [15]. **ATLAS** [27, 21].  
**Aware** [4].

**B2BII** [13]. **Based** [35, 32, 44]. **Belle**

**Calorimeter** [17]. **Carlo** [38]. **Cascades**  
[15]. **Centers** [47]. **CephFS** [49]. **CERN**  
[47, 16]. **Challenges** [28]. **Characteristics**  
[9]. **Cherenkov** [38]. **Classification**  
[35, 2, 25, 42]. **Cloud** [33, 6].  
**Cloudscheduler** [33]. **Cluster** [22, 49].  
**CMS** [23, 35, 45, 6, 1, 5, 16]. **Collider** [16].  
**Collision** [35]. **Compression** [10].  
**Computing** [33, 22, 26, 29, 6, 20, 18, 40].  
**Concurrent** [43]. **Containerized** [49].  
**Conversion** [13]. **Core** [14]. **Correction**  
[23, 27]. **CORSIKA** [38, 15]. **CPU** [27, 21].  
**CSBS** [3]. **CTA** [38]. **CVMFS** [49].

**Data** [35, 10, 24, 41, 47, 13, 28, 37, 11].

**Deep** [35, 25, 39]. **Dependence** [34]. **Dependencies** [9]. **Deployment** [22]. **Detector** [35, 8, 16]. **Detectors** [12]. **Developers** [46]. **Direct** [35]. **Distance** [8]. **Distributed** [5, 23]. **Distribution** [47]. **Dynamic** [47, 22].

**Editorial** [3]. **Education** [46]. **Electromagnetic** [17]. **End** [35]. **End-to-End** [35]. **Energy** [37, 39, 50, 42]. **Environments** [22]. **Estimation** [39]. **Event** [35, 19, 25, 42]. **Events** [35]. **Example** [4]. **Experiment** [2, 5, 23, 16]. **Experimental** [18]. **Experiments** [10]. **Exploit** [27, 21]. **Extra** [27, 21].

**Facilities** [1]. **Fast** [12]. **FastBDT** [2]. **FITS** [11]. **FPGA** [26]. **FPGA-Accelerated** [26]. **Framework** [15]. **Full** [19]. **Fully** [49]. **Function** [34]. **Fundamental** [40].

**GeantV** [43]. **Generating** [8]. **Generation** [38, 15]. **Generative** [17, 12, 4]. **Generators** [31]. **Gluon** [7]. **GPUs** [36]. **Graphcore** [48]. **Grid** [27, 21].

**Hadron** [16]. **HEP** [43, 29, 20, 1]. **HEPCloud** [1]. **High** [36, 33, 47, 22, 6, 18, 31, 37, 50, 42]. **High-Energy** [42]. **High-Level** [36]. **High-Performance** [18]. **High-Quality** [31]. **High-Rate** [47]. **High-Throughput** [33, 6, 18]. **Home** [27, 21, 6]. **HPC** [47, 49]. **HPC/HTC** [49]. **HTC** [49]. **HTCondor** [49].

**Identifying** [9]. **II** [41, 13, 2, 14]. **Image** [35]. **Image-Based** [35]. **Improve** [25]. **Inference** [32, 26, 44]. **infrastructure** [45]. **Input** [9, 34]. **Integrating** [6]. **Interpretation** [19]. **Investigation** [1]. **IPUs** [48].

**Jet** [39]. **Jobs** [49]. **Julia** [50].

**Large** [10, 16]. **Large-Scale** [10]. **Learning** [35, 32, 26, 37, 25, 42, 4]. **Learning-Based** [32]. **Level** [36]. **LHC** [35, 5, 23, 25]. **LHCb** [36]. **Likelihoods** [44]. **Location** [4]. **Location-Aware** [4].

**Machine** [32, 26, 37, 42]. **MadMiner** [32]. **Management** [24, 5, 23]. **Modern** [37]. **Monitoring** [16, 45]. **Monte** [38]. **Multivariate** [2].

**Network** [17, 39, 9, 34, 44]. **Networks** [7, 8, 12, 16, 4]. **Neural** [7, 16, 39, 9, 34, 44]. **Next** [15]. **Nuisance** [44]. **Number** [31].

**Offline** [41]. **Online** [41]. **Open** [35]. **Operating** [49]. **Operations** [41]. **Optimal** [44]. **Optimization** [44]. **Optimized** [2]. **Optimizing** [38].

**Paradigm** [1]. **Parameters** [44]. **Particle** [43, 32, 22, 26, 15, 8, 46, 48, 12, 4]. **Pattern** [30]. **Performance** [22, 18, 50]. **Photons** [38]. **Physics** [35, 10, 32, 22, 26, 15, 46, 48, 37, 40, 50, 42, 4]. **Pipelines** [37]. **Poisson** [44]. **Polynomial** [10]. **Potential** [48]. **Precise** [17]. **Presence** [44]. **Processing** [47]. **Propagation** [38]. **Prototype** [43]. **Provisioning** [33].

**Quality** [31]. **Quantum** [30, 40, 42]. **Quark** [7]. **Quark/Gluon** [7].

**R&D** [29, 20]. **Random** [31]. **Rate** [47]. **Real** [25]. **Real-Time** [25]. **Recognition** [30]. **Recursive** [7]. **Reducing** [34]. **Refining** [8]. **Relevant** [9]. **Remote** [47]. **Resolution** [39]. **Response** [9]. **Results** [43]. **Review** [31]. **Roadmap** [29, 20]. **Rucio** [24].

**Scale** [10]. **Science** [28, 18]. **Scientific** [24].

**Selection** [25]. **Service** [33, 26]. **Services** [1]. **Showers** [17]. **Simulation** [43, 15, 17, 12]. **Simulations** [38, 8]. **Simultaneous** [39]. **Singularity** [49]. **Sites** [21, 27]. **Software** [29, 46, 14]. **Solution** [5, 23]. **Source** [11]. **Space** [9, 34]. **Spark** [11]. **Speed** [2]. **Speed-Optimized** [2]. **Statistical** [44]. **Studying** [48]. **Supporting** [18]. **Synthesis** [4]. **System** [41]. **Systematic** [34, 44].

**Tagging** [7]. **Throughput** [33, 6, 18]. **Time** [25]. **Tools** [37]. **Topology** [25]. **Training** [46]. **Transport** [43]. **Trigger** [36].

**Uncertainties** [34, 44]. **Using** [8, 17, 49, 12, 21, 44, 27].

**Vector** [43]. **Virtualized** [22]. **VM** [33]. **Volunteer** [6].

**Wasserstein** [8, 17]. **Web** [1]. **Workflow** [5, 23].

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