# Citations for LSST papers

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**Abstract**

This document provides information about science and technology papers that describe LSST infrastructure. These papers should be referenced when describing the LSST system and its anticipated science outcome. Doing so will refer the readers to the most relevant publications and also recognize the contributions of those who brought the Project to fruition.

## Contents

**1 LSST Project Publication Policy** **2**

**2 LSST System and Science** **2**

**3 Simulations** **2**

**4 Data Management** **3**

**5 Camera** **3**

**6 Telescope and Site** **3**

**7 System Engineering** **3**

# 1 LSST Project Publication Policy

The LSST Project Publication Policy can be obtained from the LSST website. The remainder of this document lists suggested papers to reference, organized by topics.

Files needed to make this file are available from:
https://github.com/lsst-pst/LSSTreferences

# 2 LSST System and Science

The LSST system (brief overview of telescope, camera and data management subsystems), science drivers and science forecasts are described in:

- LSST Science Requirements Document: Ivezić and LSST Science Collaboration 2013
- LSST overview paper: Ivezić et al. 2008
- LSST Science Book: Abell et al. 2009

# 3 Simulations

The LSST simulations are described in a series of papers. Use of the LSST simulations should cite the LSST simulations overview paper Connolly et al. 2014 and the specific simulation tools used:

- Survey Strategy and Cadence Choice, including v1.4-1.7 of the scheduler simulations. Jones et al. 2020
- LSST Catalogs (CatSim): Connolly et al. 2014
- Feature-Based Scheduler: Naghib et al. 2019
- Operations Simulator (OpSim): Scheduler Delgado and Reuter 2016, SOCS Reuter et al. 2016
- Metrics Analysis Framework (MAF): Jones et al. 2014
- Image simulations (Phosim): Peterson et al. 2015
- Sky brightness model: Yoachim et al. 2016
- LSST Performance for NEO (or moving object) discovery: Jones et al. 2018

## 4 Data Management

LSST data management system and the data products are described in:

- The LSST Data Management System: Jurić et al. 2015
- Data Products Definition Document: Jurić et al. 2013

## 5 Camera

- Design and development of the LSST camera: Kahn et al. 2010

## 6 Telescope and Site

- Telescope and site overview and status in 2014: Gressler et al. 2014

## 7 System Engineering

- LSST systems engineering: Claver et al. 2014
- System verification and validation: Selvy, Claver, and Angeli 2014

## References


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