



# Automatically maintained citations with Wikidata and Cite Q

Mike Peel, Andy Mabbett  
16 August 2021

WIKIMANIA



# Use Wikidata to display references



# Simplify wikitext - and time writing out citations

```
<ref>{{Cite journal|author = J. E. Carlstrom|title = The 10 Meter  
South Pole Telescope |journal = Publications of the Astronomical  
Society of the Pacific |volume = 123 |issue = 903 |pages = 568–581  
|arxiv = 0907.4445 |display-authors=etal|year = 2011 |doi =  
10.1086/659879 |bibcode=2011PASP..123..568C}}</ref>
```

```
<ref>{{Cite Q|Q56603073}}</ref>
```



# Automatic updates

Add a new article's sitelink to the Wikidata item  
All citations update to also link to that article

Correct a URL  
All citations updated



# Intrinsically multilingual

Translate the article into another language

No translation of the citation needed

Edit the reference in your language

All uses of it across all language wikis auto-update



# Can track changes

Article is retracted by the authors  
Add a statement to Wikidata, and find all uses of the  
citation  
(through a shared tracking category)



# Local changes allowed

Best thing is to edit on Wikidata  
All citations are then updated

But you can also override (or suppress) parameters locally  
e.g., `{{Cite Q|Q25766745 |pages=48-52}}`

Can also set parameters locally  
`"display-authors=4"` -> 4 authors displayed



# On multiple wikis

Wikipedia: 32 projects, including English, Portuguese...

Wikidata, Wikispecies

... yours next?





# [[en:South Pole Telescope]]

## References [ [edit](#) | [edit source](#) ]

- ↑ ^ ^ ^ "South Pole Telescope eyes birth of first massive galaxies". United States Antarctic Program. 14 September 2012. Retrieved 11 February 2017.
- ↑ "South Pole Telescope Public Pages". Retrieved 21 June 2015.
- ↑ ^ ^ ^ "SPT instrumentation". Retrieved 7 October 2017.
- ↑ "Telescope Optics". South Pole Telescope. Retrieved 5 April 2017.
- ↑ ^ ^ ^ J. E. Carlstrom; P. A. R. Ade; K. A. Aird; et al. (May 2011), "The 10 Meter South Pole Telescope", *Publications of the Astronomical Society of the Pacific*, **123** (903): 568–581, arXiv:0907.4445 , Bibcode:2011PASP...123..568C , doi:10.1086/659879, ISSN 0004-6280, Wikidata Q56603073
- ↑ ^ ^ ^ Richard A. Chamberlin (1 September 2001), "South Pole submillimeter sky opacity and correlations with radiosonde observations", *Journal of Geophysical Research*, **106** (D17): 20101–20113, Bibcode:2001JGR...10620101C , doi:10.1029/2001JD900208, ISSN 0148-0227, Wikidata Q56603074
- ↑ ^ ^ ^ John Ruhl; Peter A. R. Ade; John E. Carlstrom; et al. (8 October 2004), "The South Pole Telescope", *Proceedings of SPIE*, **5498**: 11–29, arXiv:astro-ph/0411122  , Bibcode:2004SPIE.5498...11R , doi:10.1117/12.552473, ISSN 0277-786X, Wikidata Q55893751
- ↑ ^ ^ ^ Z. Staniszewski; P. A. R. Ade; K. A. Aird; et al. (20 July 2009), "Galaxy clusters discovered with a Sunyaev-Zel'dovich effect survey", *The Astrophysical Journal*, **701** (1): 32–41, arXiv:0810.1578  , Bibcode:2009ApJ...701...32S , doi:10.1088/0004-637X/701/1/32, ISSN 0004-637X, Wikidata Q56603075
- ↑ ^ ^ ^ ^ K. Vanderlinde; T. M. Crawford; T. de Haan; et al. (28 September 2010), "Galaxy clusters selected with the Sunyaev-Zel'dovich effect from 2008 south pole telescope observations", *The Astrophysical Journal*, **722** (2): 1180–1196, arXiv:1003.0003  , Bibcode:2010ApJ...722.1180V , doi:10.1088/0004-637X/722/2/1180, ISSN 0004-637X, Wikidata Q56603076
- ↑ ^ ^ ^ ^ F. W. High; B. Stalder; J. Song; et al. (26 October 2010), "Optical redshift and richness estimates for galaxy clusters selected with the Sunyaev-Zel'dovich effect from 2008 south pole telescope observations", *The Astrophysical Journal*, **723** (2): 1736–1747, arXiv:1003.0005  , Bibcode:2010ApJ...723.1736H , doi:10.1088/0004-637X/723/2/1736, ISSN 0004-637X, Wikidata Q56603077
- ↑ ^ ^ ^ ^ M. Brodwin; J. Ruel; P. A. R. Ade; et al. (26 August 2010), "SPT-CL J0546-5345: a massive z>1 galaxy cluster selected via the Sunyaev-Zel'dovich effect with the south pole telescope", *The Astrophysical Journal*, **721** (1): 90–97, arXiv:1006.5639  , Bibcode:2010ApJ...721...90B , doi:10.1088/0004-637X/721/1/90, ISSN 0004-637X, Wikidata Q56603078
- ↑ ^ ^ ^ ^ R. J. Foley; K. Anderson; G. Bazin; et al. (28 March 2011), "Discovery and cosmological implications of SPT-CL J2106-5844, the most massive known cluster at z>1", *The Astrophysical Journal*, **731** (2): 86, arXiv:1101.1286  , Bibcode:2011ApJ...731...86F , doi:10.1088/0004-637X/731/2/86, ISSN 0004-637X, Wikidata Q27019776
- ↑ ^ ^ ^ ^ R. Williamson; B. A. Benson; F. W. High; et al. (19 August 2011), "A Sunyaev-Zel'dovich-selected sample of the most massive galaxy clusters in the 2500 deg<sup>2</sup> south pole telescope survey"  (PDF), *The Astrophysical Journal*, **738** (2): 139, arXiv:1101.1290  , Bibcode:2011ApJ...738..139W , doi:10.1088/0004-637X/738/2/139, ISSN 0004-637X, Wikidata Q56603079
- ↑ ^ ^ ^ ^ C. L. Reichardt; B. Stalder; L. E. Bleem; et al. (16 January 2013), "Galaxy clusters discovered with the Sunyaev-Zel'dovich effect in the first 720 square degrees of the South Pole Telescope survey", *The Astrophysical Journal*, **763** (2): 127, arXiv:1203.5775  , Bibcode:2013ApJ...763..127R , doi:10.1088/0004-637X/763/2/127, ISSN 0004-637X, Wikidata Q56603080
- ↑ ^ ^ ^ ^ B. A. Benson; T. de Haan; J. P. Dudley; et al. (17 January 2013), "Cosmological constraints from sunyaev-zel'dovich-selected clusters with X-ray observations in the first 178 deg<sup>2</sup> of the south pole telescope survey", *The Astrophysical Journal*, **763** (2): 147, arXiv:1112.5435  , Bibcode:2013ApJ...763..147B , doi:10.1088/0004-637X/763/2/147, ISSN 0004-637X, Wikidata Q56942987
- ↑ ^ ^ ^ ^ C. L. Reichardt; L. Shaw; O. Zahn; et al. (26 July 2012), "A measurement of secondary cosmic microwave background anisotropies with two years of south pole telescope observations", *The Astrophysical Journal*, **755** (1): 70, arXiv:1111.0932  , Bibcode:2012ApJ...755...70R , doi:10.1088/0004-637X/755/1/70, ISSN 0004-637X, Wikidata Q56603081
- ↑ ^ ^ ^ ^ K. T. Story; C. L. Reichardt; Z. Hou; et al. (26 November 2013), "A measurement of the cosmic microwave background damping tail from the 2500-Square-Degree SPT-SZ survey", *The Astrophysical Journal*, **779** (1): 86, arXiv:1210.7231  , Bibcode:2013ApJ...779...86S , doi:10.1088/0004-637X/779/1/86, ISSN 0004-637X, Wikidata Q56603082
- ↑ ^ ^ ^ ^ J. D. Vieira; Daniel P. Marrone; S C Chapman; et al. (13 March 2013), "Dusty starburst galaxies in the early Universe as revealed by gravitational lensing", *Nature*, **495** (7441): 344–347, arXiv:1303.2723  , Bibcode:2013Natur.495..344V , doi:10.1038/NATURE12001, ISSN 1476-4687, PMID 23485967, Wikidata Q34332682
- ↑ ^ ^ ^ ^ D. Hanson; S Hoover; A Crites; et al. (30 September 2013), "Detection of B-Mode Polarization in the Cosmic Microwave Background with Data from the South Pole Telescope", *Physical Review Letters*, **111** (14): 141301, arXiv:1307.5830  , Bibcode:2013PhRvL.111n1301H , doi:10.1103/PHYSREVLETT.111.141301, ISSN 0031-9007, PMID 24138230, Wikidata Q27450018
- ↑ ^ ^ ^ ^ Matias Zaldarriaga; Uroš Seljak (June 1998), "Gravitational lensing effect on cosmic microwave background polarization", *Physical Review D*, **58** (2): 023003, arXiv:astro-ph/9803150  , doi:10.1103/PHYSREVD.58.023003, ISSN 1550-7998, Wikidata Q21707546
- ↑ ^ ^ ^ ^ Uroš Seljak; Matias Zaldarriaga (17 March 1997), "Signature of Gravity Waves in the Polarization of the Microwave Background", *Physical Review Letters*, **78** (11): 2054–2057, arXiv:astro-ph/9609169  , doi:10.1103/PHYSREVLETT.78.2054, ISSN 0031-9007, Wikidata Q27450617
- ↑ ^ ^ ^ ^ A. Manzotti; K. T. Story; W. L. K. Wu; et al. (30 August 2017), "CMB Polarization B-mode Delensing with SPTpol and Herschel", *The Astrophysical Journal*, **846** (1): 45, arXiv:1701.04396  , Bibcode:2017ApJ...846...45M , doi:10.3847/1538-4357/AA82BB, ISSN 0004-637X, Wikidata Q56603083
- ↑ ^ ^ ^ ^ J. W. Henning; J. T. Sayre; C. L. Reichardt; et al. (11 January 2018), "Measurements of the Temperature and E-mode Polarization of the CMB from 500 Square Degrees of SPTpol Data", *The Astrophysical Journal*, **852** (2): 97, arXiv:1707.09353  , doi:10.3847/1538-4357/AA9FF4, ISSN 0004-637X, Wikidata Q56603084



# Edit on Wikidata

Item [Discussion](#) Read [Labels list](#) [View history](#) [More](#)

## The 10 Meter South Pole Telescope (Q56603073)...

No description defined [edit](#)

[+ In more languages](#)

Language	Label	Description	Also known as
English	The 10 Meter South Pole Telescope	No description defined	
Spanish	No label defined	No description defined	
French	No label defined	No description defined	
Portuguese	No label defined	No description defined	

[All entered languages](#)

### Statements

**instance of** [scholarly article](#) ... [edit](#) [+ add reference](#) [+ add value](#) [- 0 references](#)

**title** [The 10 Meter South Pole Telescope \(English\)](#) [edit](#) [+ add reference](#) [+ add value](#) [- 0 references](#)

**author** [Carole Tucker](#) ... [edit](#)  
stated as [C. Tucker](#) ...  
series ordinal [41](#) ...

[Wikipedia](#) (0 entries) [edit](#)

[Wikibooks](#) (0 entries) [edit](#)

[Wikinews](#) (0 entries) [edit](#)

[Wikiquote](#) (0 entries) [edit](#)

[Wikisource](#) (0 entries) [edit](#)

[Wikiversity](#) (0 entries) [edit](#)

[Wikivoyage](#) (0 entries) [edit](#)

[Wiktionary](#) (0 entries) [edit](#)

[Other sites](#) (0 entries) [edit](#)





Latest revision funded by a  
Wikicite eScholarship  
Participants: Mike Peel, Pigsonthewing,  
RexxS, Ederporto, Adamant.pwn  
With thanks to Liam Wyatt for support

# Part of Wikicite

An initiative to develop open citations and linked bibliographic data through grants, conferences, technical workshops, outreach events

WikiCite community volunteers have added millions of journal articles to Wikidata in the last few years

Having citations in structured data makes it easier to run queries/update URLs/generate use statistics/etc. Also, fully multilingual

Meta: [[WikiCite]]. WikiData: [[WikiProject Source MetaData]]

# Wikidata has many citations

Many references are already on Wikidata

Bots (and humans!) are continuously importing more

You can also manually add them to Wikidata  
or...



# Tools to add citations

Zotero to export to QuickStatements format, then import to Wikidata (See <https://w.wiki/pi2>)

Import using SourceMD using PMID or DOI (use the old version; not ISBN or ORCID at the moment)

<https://www.wikidata.org/wiki/Wikidata:Zotero>  
<https://www.wikidata.org/wiki/Wikidata:SourceMD>





# THANK YOU Questions?

WIKIMANIA

