

# AR Scorpii

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Query : AR Scorpii

## Basic data :

### V\* AR Sco -- Eclipsing binary

Other object types: \* (EPIC,SOPS,...), EB\* (2016Natur), V\* (AN,V\*), IR (2MASS,SSTc2d), WD? (2016Natur), PM\* (2018yCat), Psr (2017NatAs), dS\* (2003AstL)

ICRS coord. (ep=J2000) : 16 21 47.2831807962 -22 53 10.385946839 (Optical) [ 0.0376 0.0219 90 ] A 2018yCat.1345....0G

FK4 coord. (ep=B1950 eq=1950) : 16 18 47.9651032335 -22 46 05.336138914 [ 0.0376 0.0219 90 ]

Gal coord. (ep=J2000) : 353.5192292442291 +18.7120709946908 [ 0.0376 0.0219 90 ]

Proper motions mas/yr : 9.707 -51.469 [0.096 0.065 90] A 2018yCat.1345....0G

Parallaxes (mas): 8.4918 [0.0408] A 2018yCat.1345....0G

Spectral type: M5+D? D 2016Natur.537..374M

Fluxes (9) :

B 14.94 [0.04] E 2012yCat.1322....0Z  
V 14.75 [-] D 2017MNRAS.469.3688D  
G 14.9504 [0.0331] C 2018yCat.1345....0G  
J 12.696 [0.027] C 2003yCat.2246....0C  
H 12.080 [0.024] C 2003yCat.2246....0C  
K 11.715 [0.024] C 2003yCat.2246....0C  
g 14.81 [0.01] E 2012yCat.1322....0Z  
r 14.37 [0.01] E 2012yCat.1322....0Z  
i 14.28 [0.01] E 2012yCat.1322....0Z

SIMBAD Query around within 2 arcmin

```

', {sourceSize:12, color:'#30a090'}));
aladin.on('objectClicked', function(object) {
var objName=object.data.MAIN_ID;
aladin.showPopup(object.ra,object.dec,"",'+objName+"); });" title="Show Simbad objects"> Overlay SIMBAD points in this
    
```

preview  
 2MASS  DSS  SDSS

All CDSPortal

Send to Aladin

Photometry within 5 arcsec

The VizieR photometry tool allows for easy visualization of photometry points extracted around the Simbad position from photometry-enabled catalogues in VizieR.

The search radius has to be specified by the user. It is currently limited to a maximum of 30 arcsec. It depends mostly on the precision or quality of the coordinates (SIMBAD and VizieR catalogs), the resolution of the images from which the sources were extracted, source extent, and source crowding.

**Suggestions are: crowded field: 0.5 to 1.5 arcsec, 3 arcsec otherwise;** uncertain coordinates (SIMBAD quality E or coordinates without reference): 5 to 30 arcsec (risky!).

## Identifiers (11) :

An access of full data is available using the icon VizieR near the identifier of the catalogue

SV* HV 1064	EPIC 204298485	SSTc2d J162147.3-225310	V* AR Sco
AN 216.1904	2MASS J16214728-2253102	TIC 50098516	Gaia DR2 6050296829033196032
CRTS J162147.3-225310	SOPS IV g-2	UCAC4 336-082331	

## References (62 between 1850 and 2022) (Total 62)

Simbad bibliographic survey began in 1850 for stars (at least bright stars) and in 1983 for all other objects (outside the solar system).

Follow new references on this object

Reference summaries :

from: 1850 to: \$currentYear

Display or select by : (not exhaustive, explanation here) In table Title|Abstract|Keyword Score

## Collections of Measurements

V\* : 1  distance : 1  PLX : 1  PM : 1  MK : 2

display selected measurements display all measurements clear

## External archives :

Link by name to the catalogue in VizieR :

2MASS J16214728-2253102 UCAC4 336-082331 V\* AR Sco Gaia DR2 6050296829033196032

Search by coordinates in VizieR (radius: 5 arcsec)

## Annotations :

Annotations allow a user to add a note or report an error concerning the astronomical object and its data. It requires registration to post a note. See description . Please, have a look at Best practices. The list of all annotations to SIMBAD objects can be found here .

display existing annotations (1)

add an annotation to this object

report an error concerning the data of this object

Store this result in Votable, in Ascii, or in the CDS portal

To bookmark this query, right click on this link: simbad:AR Scorpii and select 'bookmark this link' or equivalent in the popup menu

