SIMBAD URIs

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SIMBAD

- 5,369,787 objects
- 15,063,697 identifiers
- 252,767 bibliographic references
- 8,110,455 citations of objects in papers

Basic data :

GJ 2097 -- Star

query around   with radius 2   arcmin

Other object types:	* (GJ, GEN#, GSC, LP, 8pc, Sand, UCAC3, USNO, [RHG95]) , PM* (PPMX) , IR (2MASS)
ICRS coord. (ep=J2000) :	13 07 04.307 +20 48 38.54 (Optical) [18 18 0] B 2009yCat.1315....0Z
FK5 coord. (ep=J2000 eq=2000) :	13 07 04.307 +20 48 38.54 (Optical) [18 18 97] B 2009yCat.1315....0Z
FK4 coord. (ep=B1950 eq=1950) :	13 04 38.14 +21 04 43.5 (Optical) [151 151 0] B 2009yCat.1315....0Z
Gal coord. (ep=J2000) :	333.2294 +82.7443 (Optical) [18 18 135] B 2009yCat.1315....0Z
Proper motions mas/yr [error ellipse]:	-96 -79 [3 3 90] D 2009yCat.2294....0A
Radial velocity / Redshift / cz :	V(km/s) -12.0 [0.1] / z(~) -0.000040 [0.000000] / cz -12.00 [0.10] (~) D 2001MNRAS.328...45M
Parallaxes mas:	156.00 [~] E 2001AJ....121.21890
Spectral type:	M1.5V C 2009ApJ...704..975J
Fluxes (11) :	B 14.10 [~] C 1976AJ.....81.1117P
	V 12.54 [~] C 1976AJ.....81.1117P
	R 12.21 [0.04] D 2009yCat.1315....0Z
	J 9.067 [0.022] C 2003yCat.2246....0C
	H 8.420 [0.020] C 2003yCat.2246....0C
	K 8.216 [0.017] C 2003yCat.2246....0C
	u (AB) 15.881 [0.007] C 2009yCat.2294....0A
	g (AB) 15.667 [0.012] C 2009yCat.2294....0A
	r (AB) 11.940 [0.001] C 2009yCat.2294....0A
	i (AB) 10.924 [0.001] C 2009yCat.2294....0A
	z (AB) 12.861 [0.010] C 2009yCat.2294....0A

Identifiers (12) :

GJ 2097	LP 378-541	PPMX J130704.3+204838	UCAC3 222-110452
GEN# +6.20113215	2MASS J13070434+2048390	Sand 215	USNO-B1.0 1108-00216222
GSC 01456-00594	8pc 156.00	SDSS J130704.26+204838.2	[RHG95] 2056

2009ApJ...704..975J
Astrophys. J., 704, 975-988 (2009)
Rotational velocities for M dwarfs.
JENKINS J.S., RAMSEY L.W., JONES H.R.A., PAVLENKO Y., GALLARDO J., BARNES J.R. and PINFIELD D.J.
Comments & notes:
 flags: (abstract)
 files: <Available at CDS: table1.dat table2.dat table3.dat>

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 .
The list of all annotations to SIMBAD objects can be found here .

display existing annotations (2)

add an annotation to this object

report an error concerning the data of this object

Store this result in the CDS portal

To bookmark this query, right click on this link: simbad:@2048501 and select 'bookmark this link' or equivalent in the popup menu

- ## For one object :
  - – SIMBAD "main" identifier
  - – Alternate identifiers
  - – Internal identifier : database specific

Linking SIMBAD data

- There is a lot of information that could be exposed as linked data

- Links between :
  - objects and bibliography
  - objects and measurements
  - objects and tables (VizieR)
  - objects and annotations
  - ...

SIMBAD URIs

- SIMBAD is constantly updated
  - objects are merged
    - 2MASS J13070434+2048390=PPMX J130704.3+204838
  - objects can be split (fix wrong cross-ids)
- Keep track of changes in the linked data
- Use internal DB key as part of URI ??
- Object identifier (OID) or DOI-like ?