

CURRENT STATUS OF SMOKA

SMOKA ver 3.7

[New Feature]

- [IRD data of Subaru Telescope](#) are released (Jan. 22, 2020).
- [Photographic Plates Archive](#) is available (Sep. 11, 2019).
- [DRM \(Data Request via eMail query system\)](#) supports the data compress and collect option (Nov. 30, 2018).
- [CHARIS data of Subaru Telescope](#) are released. Please see also [the notice about CHARIS public data](#) (Sep. 18, 2018).
- [MuSCAT data of the OAO](#) are now released (Sep. 13, 2018).

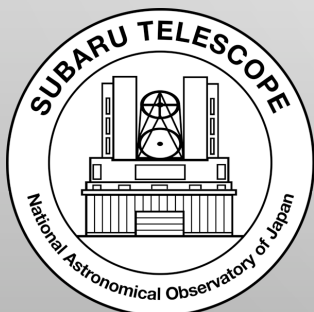
SMOKA provides public science data obtained at Subaru Telescope, 188cm telescope at Okayama Astrophysical Observatory, 105cm Schmidt telescope at Kiso Observatory (University of Tokyo), TITECH MITSuME telescopes, and KANATA Telescope at Higashi-Hiroshima Observatory. It is intended mainly for astronomical researchers.

SMOKA has been developed and maintained by Astronomical Data Archives Center (ADAC), Astronomy Data Center, National Astronomical Observatory of Japan (NAOJ).

Resources

[SMOKA Web Index](#)

[SMOKA Overview](#) and [How To Search and Request Data](#)



SMOKA Archive Advanced Search

[Click here for SUP Search \(Suprime-Cam data Search\).](#)
[Click here to know how to search.](#)

Object Name (for name resolve) NGC1333		Search Conditions	
Coordinate System Equatorial		Resolver ☒ SIMBAD ☐ NED ☐ Don't Resolve Resolve	
Equinox J2000	☒ Circular	center (RA) Center Coordinate From To copy/paste to	Radius(arcmin) 10.0
Field of View (arcmin) auto	☐ Rectangle	center (DEC) Center Coordinate From To copy/paste to	
Observation Date	From (RA) Corner Coordinate	To (RA) Opposite Corner Coordinate	
Frame ID	From (DEC) Corner Coordinate	To (DEC) Opposite Corner Coordinate	
	Exp Time (sec) Exp Time	Observer 	
	Output Format ☒ TABLE (max 5,000 rows, HTML) ☐ ASCII (max 20,000 rows, text)		Exposure ID Exposure ID
	Frame or Shot mode ☒ FRAME ☐ SHOT (SUP, HSC, and KWF ONLY)		
Search Reset to defaults Help...			
Instruments 1 selected	Observation Mode 3 selected	Data Type 1 selected	Observation Category 1 selected
Observation Band FILTER	Filter lists / Wavelength		
Output columns FRAMEID, DATE_OBS, FITS_SIZE, OBS_MODE, DATA_TYPE, OBJECT	Output Options Order by: 1. FRAMEID ☒ reverse	Maximum number of hits: 100 Output Equinox J2000 ☒ ☐ Show SQL Query	

Remarks

2015/12/25
Some duplic
SMOKA we
opened th
avoid tro

Aya Higuchi (NAOJ) → (TDU)

Yasushi Nakajima • Jun Kakuwa • Shin-ichi Ichikawa

SMOKA

(SUBARU-MITAKA-OKAYAMA-KISO ARCHIVE SYSTEM)

34 Instruments

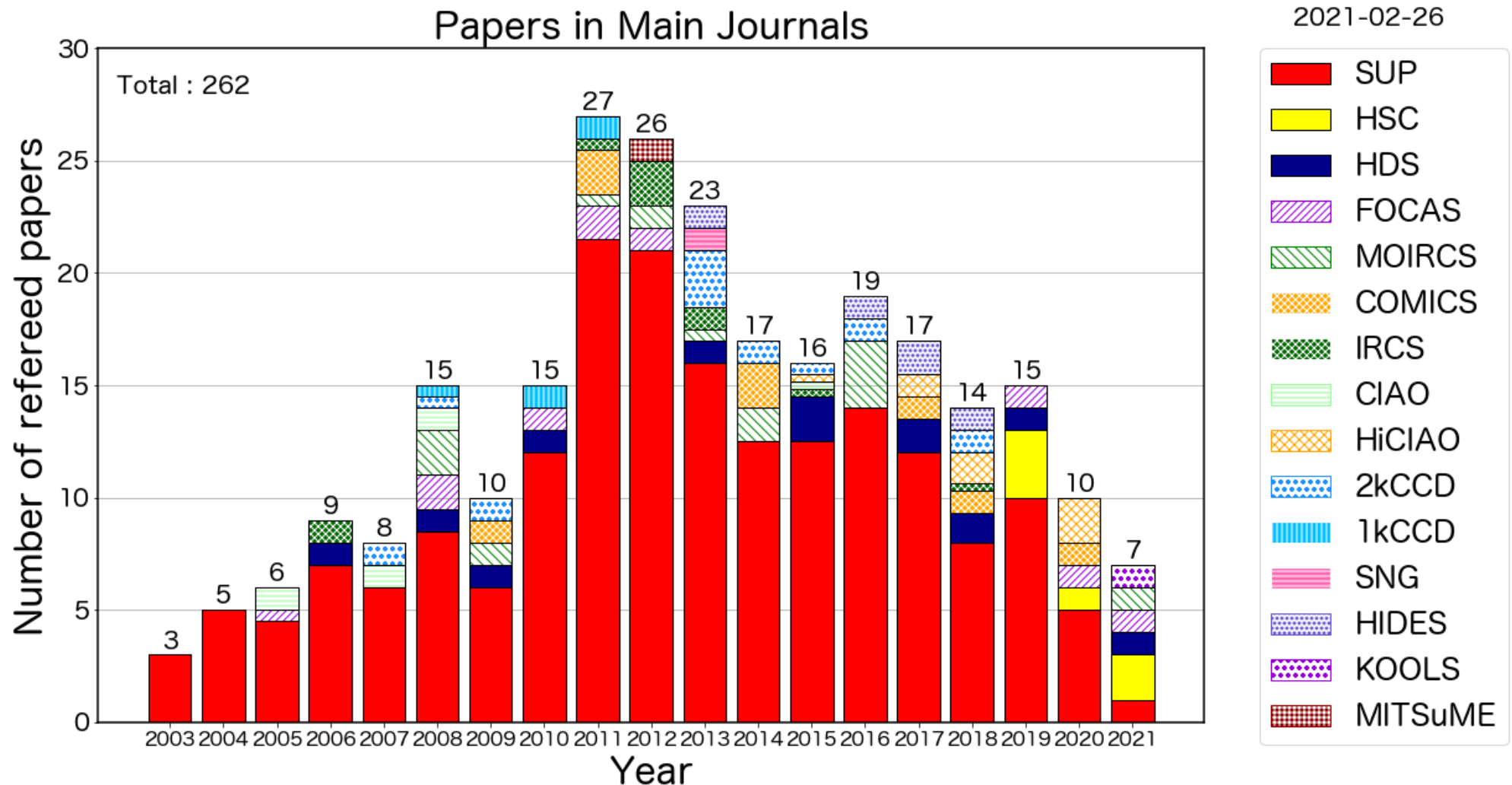
- Subaru : Suprime-Cam (SUP), FOCAS, HDS, OHS/CISCO, IRCS, CIAO, COMICS, CAC, MIRTOS, MOIRCS, Kyoto-3DII, HiCIAO, FMOS, HSC, CHARIS, **IRD, SWIMS, MIMIZUKU**
- Okayama : ISLE, KOOLS, HIDES, OASIS, SNG, MuSCAT
- Kiso : 1kCCD, 2kCCD, KWFC, **KISO Schmidt Plates digitized data (2019 Sep. 11)**
- MITSuME : MTA, MTO
- Higashi-Hiroshima : HOWPol, HONIR
- Nishi-Harima: **NIC**
- Seimei : **KOOLS-IFU**

STATUS

Registered Users = **246** (current fiscal year)

Refereed papers using SMOKA = **262** papers

(A&A, ApJ, AJ, PASJ, MNRAS, PASP, ICARUS, etc.: 2003-2021Feb)



NEW FEATURES

HSC Search

- Search interface dedicated to HSC
- The qualities of the data (seeing size, ellipticity of PSF, limiting magnitude and skylevel) are available as search constraints.

DRM-HSC

- Data Request via eMail query system for HSC
- The wait time after a request is much shorter than using the existing DRM or the request via the web browser.

SMOKA Archive HSC Search

[Click here for Advanced Search.](#)

[Click here to know how to search.](#)

[Information of Subaru Data](#) ([Problems](#), [Reduction Tools](#))

Search Conditions

[Object Name \(for name resolve\)](#)

[Resolver](#)

☒ SIMBAD ☐ NED

[Resolve](#)

☐ Don't Resolve

[Coordinate System](#)

Equatorial ▼

☒ Circular

[Equinox](#)

J2000 ▼

[center \(RA\)](#)

[copy/paste to](#)

from to

[center \(DEC\)](#)

[copy/paste to](#)

from to

[Radius\(arcmin\)](#)

10.0

[Field of View](#)

(arcmin)

auto ▼

☐ Rectangle

[from \(RA\)](#)

[to \(RA\)](#)

[from \(DEC\)](#)

[to \(DEC\)](#)

[Observation Date](#)

[Exp Time \(sec\)](#)

[Observer](#)

[Frame ID](#)

[Exposure ID](#)

[Output Format](#)

☒ TABLE(max 5,000 rows, HTML) ☐ ASCII(max 20,000 rows, text)

[Frame or Shot mode](#)

☐ FRAME ☒ SHOT

[Search](#)

[Reset to defaults](#)

[Help...](#)

Observation mode / Data type / Filters

[Observation Mode](#)

All None

IMAG
OTHER

[Data Type](#)

All None

OBJECT
BIAS
DARK
FLAT

[Filter lists](#)

All None

HSC-Y
HSC-g
HSC-i
HSC-i2
HSC-r
HSC-r2

Data quality ([About HSC data quality](#))

[Seeing Size](#)

ALL ▼

[Elongation](#)

ALL ▼

[Limiting Magnitude](#)

ALL ▼

[Sky Level](#)

ALL ▼

Output Options

[Output columns](#)

All None Reset

FRAMEID
DATE_OBS
OBS_MODE
DATA_TYPE
OBJECT
FILTER

[Order by:](#)

1. reverse

[Maximum number of hits:](#)

100 ▼

[Output Equinox](#)

J2000 ▼

☐ [Show SQL Query](#)

FUTURE WORK

New instruments

- **VAMPIRES** (2021-08-01)
- **REACH** (Rigorous Exoplanetary Atmosphere Characterization with High dispersion coronagraphy) (2022-02-01)
- **Fast PDI** (Fast NIR Polarization Differential Imaging)
- **MEC** (MKID Exoplanet Camera)
- **PFS** (Prime Focus Spectrograph)
- Okayama/HIDES-F ?
- Kiso/Tomo-e Gozen ?