

SCISEARCH® - A CITED REFERENCE SCIENCE DATABASE

ONTAP® SCISEARCH® (FILE 294)

FILE DESCRIPTION

SciSearch®: A Cited Reference Science Database is an international, multidisciplinary index to the literature of science, technology, biomedicine, and related disciplines produced by Thomson Scientific. SciSearch contains all of the records published in the *Science Citation Index*® (SCI®), plus additional records in engineering technology, physical sciences, agriculture, biology, environmental sciences, clinical medicine, and the life sciences. SciSearch indexes all significant items (articles, review papers, meeting abstracts, letters, editorials, book reviews, correction notices, etc.) from more than 6,100 international scientific and technical journals.

SciSearch is distinguished by many important and unique characteristics. Journal evaluation and selection is conducted on an ongoing basis. Many factors are considered when evaluating journals for coverage, ranging from the qualitative to the quantitative. The journal's basic publishing standards, its editorial content, the international diversity of its authorship, and the citation data associated with it, are all considered.

Another important feature of SciSearch is citation indexing. Citation indexing allows for the searching of cited references. Since January, 1991, author abstracts, author keywords, and KeyWords Plus™ were added as searchable fields on SciSearch.

SUBJECT COVERAGE

SciSearch covers virtually every subject area within the broad fields of science, technology, and biomedicine, including but not limited to:

- Agriculture and Foods
- Astronomy and Astrophysics
- Behavioral Sciences
- Biochemistry
- Biology
- Biomedical Sciences
- Chemistry
- Computer Applications and Cybernetics
- Earth Sciences
- Electronics
- Engineering
- Environmental Science
- Genetics
- Instrumentation
- Materials Science
- Mathematics
- Medicine
- Meteorology
- Microbiology
- Nuclear Science
- Pharmacology
- Physics
- Psychiatry and Psychology
- Veterinary Medicine
- Zoology

TIPS

USE FILE 34

to track scientific journal articles and cited references.

SEARCH CR=

to find references to important papers:

SELECT CR=AMBROSE JA, 1997?

SEARCH SC=

to find a subject category:

SELECT SC=ENVIRONMENTAL SCIENCES

USE RANK AU

to see authors that publish on certain topics. For more information see:

HELP RANK34

DIALOG FILE DATA

Inclusive Dates: 1990 to the present (File 34)
 1974 - 1989 (File 434)
 Records from early 1991 (File 294)
 Update Frequency: Closed (Files 294,434)
 Weekly (File 34)

File Size:

More than 19M records as of October 2009 (File 34)
 9,466,926 records (File 434)
 30,000 records (File 294)

CONTACT

SciSearch is produced by Thomson Scientific. Questions concerning file content should be directed to:

Thomson Scientific

Global contacts:

<http://www.scientific.thomson.com/techsupport>

SAMPLE RECORD

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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GA=,NR= 11472234 Genuine Article#: 612TW Number of References: 31
/TI Title: An approach to N=4 ADE gauge theory on K3
AU= Author(s): Jinzenji M (REPRINT) ; Sasaki T
CS= Corporate Source: Hokkaido Univ,Grad Sch Sci, Div Math,Sapporo/Hokkaido
0600810/Japan/ (REPRINT); Hokkaido Univ,Grad Sch Sci, Div
Math,Sapporo/Hokkaido 0600810/Japan/; Hokkaido Univ,Dept
Phys,Sapporo/Hokkaido 0600810/Japan/

JN=,PY=,SO= Journal: JOURNAL OF HIGH ENERGY PHYSICS, 2002, N9 (SEP), 002
SN=,PD= ISSN: 1029-8479 Publication date: 20020900
PU= Publisher: INT SCHOOL ADVANCED STUDIES, VIA BEIRUT 2-4, I-34014 TRIESTE,
ITALY

LA=,DT= Language: English Document Type: ARTICLE
GL= Geographic Location: Japan
SC= Journal Subject Category: PHYSICS, PARTICLES & FIELDS
/AB Abstract: We propose a recipe for determination of the partition function
of N = 4 ADE gauge theory on K 3 by generalizing our previous results
of the SU(N) case. The resulting partition function satisfies
Montonen-Olive duality for ADE gauge group.

/DE Descriptors--Author Keywords: conformal field models in string theory ;
gauge symmetry ; supersymmetry and duality ; differential and
algebraic geometry

/ID Identifiers--KeyWord Plus(R): YANG-MILLS THEORY; BETTI NUMBERS; MODULI
SPACE; SURFACE; SHEAVES; DUALITY

CR=,CA=,CY=,CW= Cited References:
ATIYAH M, 1978, V362, P425, P ROY SOC LOND A MAT
BONELLI G, 2001, V40, P13, J GEOM PHYS
EGUCHI T, 2002, 058, J HIGH ENERGY PHYS
FUKAYA K, 1994, TOPOLOGY GEOMETRY FI
GODDARD P, 1977, V125, P1, NUCL PHYS B
GOTTSCHE L, 1990, V286, P193, MATH ANN
HARVEY JA, 1995, V449, P535, NUCL PHYS B
JINZENJI M, 2001, 002, J HIGH ENERGY PHYS
JINZENJI M, 2001, V16, P411, MOD PHYS LETT A
KAC VG, 1990, INFINITE DIMENSIONAL
KAPRANOV M, MATHAG0001005
LABASTIDA JMF, 1997, V502, P741, NUCL PHYS B
LABASTIDA JMF, 1999, V3, P1201, ADV THEOR MATH PHYS
MACDONALD IG, 1972, V15, P91, INVENT MATH
MINAHAN JA, 1998, V527, P581, NUCL PHYS B
MIYAKE T, 1989, MODULAR FORMS
MONTONEN C, 1977, V72, P117, PHYS LETT B
MUKAI S, 1984, V77, P101, INVENT MATH
NAKANISHI T, 1992, V144, P351, COMMUN MATH PHYS
NAKAJIMA H, IN PRESS LECT HILB S
NAKAJIMA H, 1994, INT MATH RES NOTICES
NAKAJIMA H, 1994, V76, DUKE MATH J
THOOFT G, 1978, V138, P1, NUCL PHYS B
THOOFT G, 1979, V153, P141, NUCL PHYS B
VAFA C, 1998, V1, P158, ADV THEOR MATH PHYS
VAFA C, 1994, V431, P3, NUCL PHYS B
WITTEN E, 1994, V35, P5101, J MATH PHYS
YOSHIOKA K, 1999, V205, P501, COMMUN MATH PHYS
YOSHIOKA K, MATHAG9907001
YOSHIOKA K, 1996, V46, P263, NUCL PHYS B S
YOSHIOKA K, 1994, V453, P193, J REINE ANGEW MATH

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S FOOD(W)CHAIN
/AB	AB	Abstract ¹	Word	S PARTITION(W)FUNCTION/AB
/DE	DE	Descriptors -- Author Keywords ^{1,2}	Word & Phrase	S STRING(W)THEORY/DE
/ID	ID	Identifiers -- KeyWords Plus ^{1,3}	Word & Phrase	S GAUGE SYMMETRY/DE
/RF	RF	Research Fronts ⁴	Word	S BETTI(W)NUMBERS/ID
/TI	TI	Title	Word	S YANG-MILLS THEORY/ID
/TX	TX	Funding Text	Word	S DIETARY(W)FIBER(S)STARCH/RF
/XF	—	All Basic Index Fields Except Research Fronts	Word & Phrase	S ADE(W)GAUGE(W)THEORY/TI
				S MOST(W)CHINA/TX
				S MERCURY(W)LEVELS/XF
				S FISH CONSUMPTION/XF

¹ Available from 1991 forward.

² Also /DF.

³ Also /IF.

⁴ Research Fronts are available in records added from 1983-1997. Research Front names are rotated. EXPANDING is recommended.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AN	DIALOG Accession Number	Phrase	S AU=JINZENJI M
AU=	AU	Author	Word & Phrase	S AV=(ABSTRACT(W)AVAILABLE)
AV=	AV	Abstract Available ¹	Phrase	S AV=ABSTRACT AVAILABLE
CA=	CA	Cited Author or Cited Inventor ^{5,6}	Phrase	S CA=BONELLI G
CN=	CN	Grant Number	Phrase	S CN=NCET-08-0501
CP=	CP	Cited Patent ⁵	Phrase	S CN=NCET080501
CR=	CR	Cited Reference ^{5,6,7}	Phrase	S CP=JA 102915, 1978, KOBAYASHI T
CS=	CS	Corporate Source	Phrase	S CR=FUKAYA K, 1994?
CW=	CW	Cited Work ^{5,6}	Word	S CS=(HOKAIDO(W)UNIV)
CY=	CY	Cited Year	Phrase	S CW=TOPOLOGY GEOMETRY?
DT=	DT	Document Type	Phrase	S CY=1994
—	EL	Author/Corporate Author Email	Phrase	S DT=ARTICLE
GA=	GA	Genuine Article Number	Phrase	S GA=612TW
GL=	GL	Geographic Location ⁸	Phrase	S GL=JAPAN
—	II	Digital Object Identifier/Publisher Item Identifier		
JN=	JN	Journal Name	Phrase	S JN=JOURNAL OF HIGH ENERGY?
LA=	LA	Language	Phrase	S LA=ENGLISH
—	MA	Meeting Abstract Number ⁹		
NO=	NO	Article Number	Phrase	S NO=B3923
NR=	NR	Number of References	Numeric	S NR=20:50
PD=	PD	Publication Date ¹⁰	Phrase	S PD=20020900
PU=	PU	Publisher	Phrase	S PU=INT SCHOOL ADVANCED STUDIES?
PY=	PY	Publication Year	Phrase	S PY=2001:2002
RF=	RF	Research Front Code Number and Weight ^{5,11}	Phrase	S RF=88-0752
				S RF=88-0752 002
SC=	SC	Journal Subject Category	Word & Phrase	S SC=(PHYSICS(W)PARTICLES(1W)FIELDS)
SF=	SF	Subfile ¹²	Word & Phrase	S SC=PHYSICS, PARTICLES?
SN=	SN	International Standard Serial Number (ISSN) ¹³	Phrase	S SF=ENVIRONMENTAL
SO=	SO	Source Information ¹⁴	Word	S SF=CC LIFE
SP=	SP	Funding Organization	Word & Phrase	S SN=1029-8479
UD=	—	Update	Phrase	S SN=10298479
ZP=	ZP	Zip Code of Corporate Source ¹⁵	Phrase	S SO=(HIGH(W)ENERGY(W)PHYSICS)
				S SP=(NEW(W)CENTURY(F)ZHENHUI)
				S SP=NEW CENTURY?
				S UD=9999
				S ZP=55108

⁵ EXPANDING is recommended to verify forms of entry.

⁶ Extracted from the Cited Reference field. Display includes entire Cited Reference, including Cited Reference Identifier from 6/2003 forward when available.

⁷ Refer to the Cited Author, Cited Work, and Cited Year fields for searching on individual parts of the Cited Reference field.

⁸ Refers to the Country name in the Corporate Source field.

⁹ Available only for DT=MEETING ABSTRACT.

¹⁰ Available from 1997 forward.

¹¹ Second example includes the "weight" (002) assigned to the RF Code (indicates number of citations in common with the original Research Front cluster).

¹² Refers to Thomson Scientific publications or databases.

¹³ Available from 1992 forward.

¹⁴ Display includes: Journal Name, Publication Date, Volume, Issue, and Pagination, and/or Publisher Item Identifier when available (Identifier appears without 'p' preceding journal name).

¹⁵ Included only for USA.

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP MAP, HELP DUP, HELP CURRENT online.

LIMIT	/ART -- Journal Article /CR -- Contains Cited References /ENG -- English Language /NART -- Non-Article /NOCR -- No Cited References /NONENG -- Non-English Language /NREV -- Not a Review or Bibliography /REV -- Review or Bibliography ¹⁶ /YYYY -- Publication Year	S MAGNETIC FIELD/ART S SC=ACOUSTICS/CR S UD=9999/ENG S S1/NART S S3/NOCR S PY=2009/NONENG S S5/NREV S BIODIVERSITY CONSERVATION/REV S CS=(OCEAN(W)UNIV(W)CHINA)/2009
SORT	AU, CS, JN, PY, RF, TI	SORT S1/ALL/CS SORT S3/ALL/PY/D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE, ID, NO	RANK DE RANK AU S4
MAP	AU, CA, CW, GA, PY	MAP AU TEMP
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 34 CURRENT2

¹⁶ Limits only to Reviews from 1989 forward.

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Cited References and Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields ¹
5	--	Full Record ¹
6	Short	Title, Genuine Article Number, Number of References, and Publication Date
7	Long	Bibliographic Citation and Abstract ¹
8	Free	Title, Genuine Article Number, Journal Subject Category, Number of References, Research Fronts, and Publication Date
9	Full	Full Record ¹
25	--	Full Record plus Keywords and Abstract minus Cited References ¹
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/AU,TI,SO,NR/1-5
TAG	Output can be displayed with tags identifying each display field.	TYPE S2/3,CR/1-5 TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 00270906/2 DISPLAY 00270906/AU,CR PRINT 00270906/5

FOR ONLINE HELP:

See HELP FIELDS 34 for searchable fields; HELP FORMAT 34 for output formats; HELP LIMIT 34 for limits; HELP RATES 34 for cost information; HELP SORT 34 for sorts.