REAXYSFILEBIB

Subject Coverage

- Organic and inorganic chemistry
- Chemical data
- Electrochemical behaviour
- Electrical and magnetic properties
- Identification of substance
- Materials composition data
- Multi-component systems
- Optical properties
- Patent specific data
- Pharmacological and ecological data
- Physical and mechanical properties
- Reactions
- Safety data
- Spectroscopic data
- State of aggregation
- Structure and energy parameter
- Thermodynamic properties
- Transport phenomena

File Type

Bibliographic

Access

The file is only available on STNext

Features

Alerts (SDIs)	Will be available soon		
CAS Registry Number® Identifiers	☐	SLART	☑
Keep & Share	☐	Structures	☐

Record Content

- Bibliographic information
- About 40% of records contain keywords and 75% contain an abstract
- Patent publication, application and priority information and IPC classification

File Size

- more than 37,4 million records (01/22)

Coverage

1771-present

Updates

Twice a week

Language

English

Database Producer

Elsevier Information Systems GmbH
Theodor-Heuss-Allee 108
60486 Frankfurt am Main
Germany
Phone: +49 69 5050 4252
Fax: +49 69 5050 4254

Sources

- Chemistry Journals
- Bibliographic documents from Beilstein and Gmelin handbooks of organic chemistry
- Patents (US/EP/WO from 1976, JP/KR from 2015 , CN/TW from 2016 and historical patent information from about 26 authorities 1850-1980)

User Aids

- Online Helps (HELP DIRECTORY lists all help messages available)
- STNGUIDE

Cluster

- ALLBIB
- AUTHORS
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- CHEMISTRY
- HPATENTS
- MATERIALS
- PATENTS
- PHARMACOLOGY
- POLYMERS
- PV
- TOXICOLOGY

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http://www.stn-international.com/en/customersupport/customer-support#cluster+%7C+subjects+%7C+features

Related Databases

REAXYSFILESUB

Search and Display Field Codes

Fields that allow left truncation are indicated by an asterisk (*).

General Search Fields

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index* (contains single words from title (TI), abstract (AB))	None or /BI	S liquid chromatograph S BEEF (L) ROUTINE TEST? S SWEETZYME S (AQUA?(W)TOX?)	AB, TI
Abstract*	/AB	S ?aminoethyl/AB	AB
Accession Number	/AN	S 123616/AN	AN
Application Country (WIPO code)	/AC	S FR/AC S GERMANY/AC	AI
Application Date **(1)**	/AD	S GB/AC AND 20050601-20060531/AD	AI
Application Number	/AP	S US1964-363680/AP S 1964US-363680/AP	AI
Application Number, Original	/APO	S GB0000197/APO	AIO
Author (includes Inventor)	/AU	S MARTH, J?/AU S MARTH J?/AU	AU, IN
Application Year **(1)**	/AY	S AY>=2003	AI
Document Type (code and text)	/DT (or /TC)	S L1 AND PATENT/DT S L1 AND P/DT	DT
Entry Date **(1)**	/ED	S ED=2018	ED
Field Availability	/FA	S L2 AND AB/FA	FA
Digital Object Identifier	/FTDOI	S 10.1021/acs.analchem.8b03354/FTDOI	FTDOI
International Standard (Document) Number	/ISN	S 0003-2700/ISN S ANCHAM/ISN	ISN, SO
Inventor	/IN	S JIROUSEK M?/IN	IN
Journal Title	/JT	S FOOD MANUFACTURE/JT	JT, SO
Keyword	/KW	S PRESSURE ACID LEACHING/KW	KW
Language (ISO code and text)	/LA	S L1 AND ENGLISH/LA	LA
Patent Assignee **(2)**	/PA	S LILLY COMPANY/PA	PA
Patent Country (WIPO code)	/PC	S US/PC	PI
Publication Date **(1)**	/PD	S JAN 2021/PD	PI, SO
Patent Kind Code	/PK	S EPA1/PK	PI
Patent Number	/PN (or /PATS)	S WO2018039051/PN S EP—50394/PATS	PI
Patent Number Kind Code	/PNK	S WO2018039051A1/PNK	PNK
Patent Number, Original	/PNO	S AT009008/PNO	PNO
Priority Country (WIPO code)	/PRC	S TW/PRC	PRAI
Priority Date **(1)**	/PRD	S PRD=JAN 2003	PRAI
Priority Number	/PRN (or /APPS)	S US 1997-68195P /PRN	PRAI
Priority Number, Original	/PRNO	S GB9900086/PRNO	PRNO
Priority Year **(1)**	/PRY	S 1991/PRY	PRAI
Publication Year **(1)**	/PY	S 2010-2011/PY	PY, SO, PI
Source (contains journal name, ISSN, volume, issues, pages, DOI, ISBN)	/SO	S ANALYTICAL CHEMISTRY/SO S 1990/SO	SO
Summary Language (ISO code and text)	/SL	S L1 AND GERMAN/SL S L1 AND DE/SL	/SL
Title*	/TI	S TRIAZOLOPYRAZINONE DERIVATIVE/TI	TI
Update Date **(1)**	/UP	S UP>=JAN 2019	ED

(1) Numeric search field that may be searched using numeric operators or ranges.
(2) Search with implied (S) proximity is available in this field.

DISPLAY and PRINT Formats

All predefined formats are listed in a hierarchical order, whereby the indented subformats are included in the previous format.

Format	Content	Examples
AB	Abstract	D AB TI
AN	Accession Number	D AN
AP (AI)	Application Number	D AP
AIO (APO)	Application Number, Original	D AIO
APPS	Application Number Group	D APPS
AU	Author	D AU
CS	Corporate Source	D CS
DT (TC)	Document Type	D DT
ED	Entry Date	D ED
FA	Field Availability	D FA
FTDOI	Digital Object Identifier	D FTDOI
IN	Inventor	D IN
IPC	International Patent Classification	D IPC
ISN	International Standard (Document) Number	D ISN
JT	Journal Title	D JT
KW	Keyword	D KW
LA	Language (ISO code and text)	D LA
PA (CS)	Patent Assignee	D PA
PATS	Patent Number	D PATS
PI (PN)	Patent Information	D PI
PNK	Patent Number Kind Code	D PNK
PNO	Patent Number, Original	D PNO
PRN (PRAI)	Priority Number	D PRN
PRNO (PRAO)	Priority Number, Original	D PRNO
PY	Publication Year	D PY
SO	Source	D SO
TI	Title	D TI
UP	Update Date	D UP
ABS	AN, AB	D ABS
IABS	ABS, indented with text labels	
ALL	AN, TI, AU, IN, CS, PA, PI, PIO, AI, AIO, PRAI, PRAO, SO, DT, LA, SL, ED, AB, IPC, KW	D ALL
DALL	ALL, delimited for post processing	D DALL
IALL	ALL, indented with text labels	
BIB	AN, TI, AU, IN, CS, PA, PI, PIO, AI, AIP, PRAI, PRAO, SO, DT, LA, SL, ED	D BIB
IBIB	BIB, indented with text labels	D IBIB
IND	AN, IPC, KW	
SCAN	TI, DT, IPC, KW	D SCAN
STD	BIB+IPC	
ISTD	STD, indented with text labels	
TRIAL, TRI, SAMPLE, FREE	AN, IPC, KW	
HIT	Fields containing hit terms	D HIT
HITSTR	HIT structures after Crossover	

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y	Y
Accession Number	AN	Y (default)	Y
Application Country (WIPO code)	AC	Y	Y
Application Number	AP (AI)	Y	Y
Application Information, Original	AIO (APO)	Y	Y
Application Number Group	APPS	Y	Y
Author	AU	Y	Y
Application Year	AY	Y	Y
CODEN	CODEN	N	Y
Corporate Source	CS	Y	Y
Document Type	DT (TC)	Y	Y
Entry Date	ED	Y	Y
Digital Object Identifier	FTDOI	Y	Y
Inventor	IN	Y	Y
International Patent Classification	IPC	Y	Y
International Standard (Document) Number	ISN	Y	Y
International Standard Serial Number	ISSN	N	Y
Journal Title	JT	Y	Y
Language (ISO code and text)	LA	Y	Y
Patent Assignee	PA (CS)	Y	Y
Patent Number Group	PATS	Y	Y
Patent Country	PC	Y	Y
Patent Countries	PCS	Y	Y
Publication Date	PD	Y	Y
Patent Information	PI (PN)	Y	Y
Patent Kind Code	PK	Y	Y
Patent Number Kind Code	PNK	Y	Y
Patent Number, Original	PNO	Y	Y
Priority Date	PRD	Y	Y
Priority Number	PRN (PRAI)	Y	Y
Priority Number, Original	PRNO (PRAO)	Y	Y
Publication Year	PY	Y	Y
Summary Language (ISO code and text)	SL	Y	Y
Source	SO	Y	Y
Title	TI	Y	Y
Update Date	UP	Y	Y

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.

SAMPLE Records

Display ALL of Journal

AN 73710913 REAXYSFILEBIB
TI High-efficiency extraction of Al from coal-series kaolinite and its kinetics by calcination and pressure acid leaching
AU Lin, Min; Liu, Yuan-Yuan; Lei, Shao-Min; Ye, Zhao; Pei, Zhen-Yu; Li, Bo
SO Applied Clay Science (2018), Volume 161, pp. 215-224
CODEN: ACLSER ISSN: 0169-1317
DOI: 10.1016/j.clay.2018.04.031
Published by: Elsevier Ltd, United Kingdom
DT Journal
LA English
SL English
ED Entered STN: 18 Nov 2020
Last updated on STN: 15 Jan 2021
AB High-efficiency extraction of Al from coal-series kaolinite and its kinetics by calcination and pressure acid leaching has been studied in detail. Calcination process promoted a phase transform from crystal kaolinite to amorphous compounds. Subsequently, Al occurred in the compounds was efficiently extracted by pressure acid leaching. At optimal conditions, the extraction rate of Al reaches 98.7%. Pressure leaching process of Al was successfully described by Avrami model, and mainly controlled by chemical reaction when apparent activation energy was 16.29 kJ/mol. The complex extraction process of Al in heated acid leaching (diffusion-reaction-diffusion) was transformed into a simple chemical reaction during pressure leaching so as to realize a high-efficiency extraction of Al from coal-series kaolinite.
KW Author Keyword: Al extraction; Calcination; Coal-series kaolin; Leaching kinetics; Pressure acid leaching

Display ALL of Patent

AN 69747092 REAXYSFILEBIB
TI new organic semiconductor compound and a method for manufacturing the same
IN Kim, Yun Hee; Kwon, Sun Gi; Yun, Hee Jun
PA Division of Academic Cooperation; Kim, Yun Hee; Kwon, Sun Gi; Yun, Hee Jun

PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2014047812	A	20140423	KR 2012-113974	20121015
WO 2014061867	A1	20140424	WO 2012-KR11672	20121228
KR 1484007 *	B1	20150126	KR 2012-113974	20121015

* = indexed patent

PRAI KR 2012-113974 20121015
DT Patent
LA Korean
ED Entered STN: 18 Nov 2020
Last updated on STN: 5 Jan 2021
AB The present invention refers to organic electronic film between a organic semiconductor compound, manufacturing method thereof and the photoactive layer containing the same and the photoactive layer containing provides organic thin film solar cell, the present invention according to the photoactive layer that comprises an organic semiconductor compound and the process solution, the photoactive layer containing such a highly efficient organic thin film solar cell have a. (by machine translation)
IPC C07D0495-22; C07D0409-14; H01L0051-30

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