

## REAXYSFILEBIB

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<b>Subject Coverage</b>	<ul style="list-style-type: none"> <li>• Organic and inorganic chemistry</li> <li>• Chemical data</li> <li>• Electrochemical behaviour</li> <li>• Electrical and magnetic properties</li> <li>• Identification of substance</li> <li>• Materials composition data</li> <li>• Multi-component systems</li> <li>• Optical properties</li> <li>• Patent specific data</li> <li>• Pharmacological and ecological data</li> <li>• Physical and mechanical properties</li> <li>• Reactions</li> <li>• Safety data</li> <li>• Spectroscopic data</li> <li>• State of aggregation</li> <li>• Structure and energy parameter</li> <li>• Thermodynamic properties</li> <li>• Transport phenomena</li> </ul>			
<b>File Type</b>	Bibliographic			
<b>Access</b>	The file is only available on STNnext			
<b>Features</b>	Alerts (SDIs)	Will be available soon		
	<a href="#">CAS Registry Number® Identifiers</a>	<input type="checkbox"/>	Page Images	<input type="checkbox"/>
	Keep & Share	<input type="checkbox"/>	SLART	<input checked="" type="checkbox"/>
	Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>
<b>Record Content</b>	<ul style="list-style-type: none"> <li>• Bibliographic information</li> <li>• About 40% of records contain keywords and 75% contain an abstract</li> <li>• Patent publication, application and priority information and IPC classification</li> </ul>			
<b>File Size</b>	<ul style="list-style-type: none"> <li>• more than 10,8 million records (02/21)</li> </ul>			
<b>Coverage</b>	1771-present			
<b>Updates</b>	Twice a week			
<b>Language</b>	English			
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**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**

STN Database Cluster information will be available soon.

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**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 Author (includes Inventor)	/APO /AU	S GB0000197/APO S MARTH, J?/AU S MARTH J?/AU	AIO 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 AN AP (AI) AIO (APO) APPS AU CS DT (TC) ED FA FTDOI IN IPC ISN JT KW LA PA (CS) PATS PI (PN) PNK PNO PRN (PRAI) PRNO (PRAO) PY SO TI UP	Abstract Accession Number Application Number Application Number, Original Application Number Group Author Corporate Source Document Type Entry Date Field Availability Digital Object Identifier Inventor International Patent Classification International Standard (Document) Number Journal Title Keyword Language (ISO code and text) Patent Assignee Patent Number Patent Information Patent Number Kind Code Patent Number, Original Priority Number Priority Number, Original Publication Year Source Title Update Date	D AB TI D AN D AP D AIO D APPS D AU D CS D DT D ED D FA D FTDOI D IN D IPC D ISN D JT D KW D LA D PA D PATS D PI D PNK D PNO D PRN D PRNO D PY D SO D TI D UP
ABS IABS ALL  DALL IALL BIB  IBIB IND SCAN STD ISTD TRIAL, TRI, SAMPLE, FREE HIT HITSTR	AN, AB ABS, indented with text labels AN, TI, AU, IN, CS, PA, PI, PIO, AI, AIO, PRAI, PRAO, SO, DT, LA, SL, ED, AB, IPC, KW ALL, delimited for post processing ALL, indented with text labels AN, TI, AU, IN, CS, PA, PI, PIO, AI, AIP, PRAI, PRAO, SO, DT, LA, SL, ED BIB, indented with text labels AN, IPC, KW TI, DT, IPC, KW BIB+IPC STD, indented with text labels AN, IPC, KW  Fields containing hit terms HIT structures after Crossover	D ABS  D ALL  D DALL  D BIB  D IBIB  D SCAN    D HIT

## 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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