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Subject Coverage	Extensive chemistry content: <ul style="list-style-type: none"> Analytical Chemistry Applied Chemistry Biochemistry Chemical Engineering Macromolecular Chemistry Material Science Organic Chemistry Petrochemistry Physical Chemistry 			
File Type	Bibliographic			
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File Size	More than 53 million records (08/23)			
Coverage	1771-present			
Updates	Twice a week			
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User Aids	<ul style="list-style-type: none"> Online Helps (HELP DIRECTORY lists all help messages available) STNGUIDE 			

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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* Accession Number Application Country (WIPO code)	/AB /AN /AC	S ?AMINOETHYL/AB S 123616/AN S FR/AC S GERMANY/AC	AB AN AI
Application Date (1) Application Number	/AD /AP	S GB/AC AND 20050601-20060531/AD S US1964-363680/AP S 1964US-363680/AP	AI AI
Application Number, Original Author (includes Inventor)	/APO /AU	S GB0000191/APO S MARTH, J?/AU S MARTH J?/AU	AIO AU, IN
Application Year (1) Document Type (code and text) Entry Date (1) Field Availability Digital Object Identifier	/AY /DT (or /TC) /ED /FA /FTDOI	S AY>=2003 S L1 AND PATENT/DT S L1 AND P/DT S ED=2018 S L2 AND AB/FA S HTTPS://DOI.ORG/10.1021/ACS.ANALCHEM. 8B03354/FTDOI	AI DT ED FA 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	S WO2018039051/PN	PI
Patent Number Kind Code	/PNK	S WO2018039051A1/PNK	PNK
Patent Number, Original	/PNO	S WO2001/93903/PNO	PNO
Priority Country (WIPO code)	/PRC	S TW/PRC	PRAI
Priority Date (1)	/PRD	S PRD=JAN 2003	PRAI
Priority Number	/PRN	S US 1997-68200P/PRN	PRAI
Priority Number, Original	(or /APPS) /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

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L3 1-10 AN, TI, PI. The fields are displayed or printed in the order requested.

Hit-term highlighting is available in all fields. Highlighting must be ON during SEARCH to use HIT, KWIC, and OCC.

Format	Content	Examples
AB AN AP (AI, APPS) AIO (APO) AU CS DT (TC) ED FA FTDOI IN IPC ISN (1) JT (1) KW LA PA (CS) PN (PI) PNK (1) PNO (1) PRN (PRAI) PRNO (PRAO) (1) PY (1) SO TI UP	Abstract Accession Number Application Number Application Number, Original 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 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 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 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 (2) STD ISTD TRIAL, (TRI, SAMPLE, FREE)	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	D ABS D ALL D DALL D IALL D BIB D IBIB D IND D SCAN D STD D ISTD D SCAN
HIT HITSTR KWIC OCC	Fields containing hit terms HIT structures after Crossover Hit terms with 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D HIT D HITSTR D KWIC D OCC

(1) Custom display only.

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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 (2)	Y
Application Date	AD	Y (2)	Y
Application Number	AP (AI)	Y	Y
Application Information, Original	AIO (APO)	Y	Y
Application Number Group	APPS	Y (2)	Y
Author	AU	Y	Y
Application Year	AY	Y (2)	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 (3)	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 Country	PC	Y (2)	Y
Patent Countries	PCS	Y	Y
Publication Date	PD	Y	Y
Patent Number	PN (PI)	Y	Y
Patent Kind Code	PK	Y	Y
Patent Number/Kind Code	PNK	Y (2)	Y
Patent Number, Original	PNO	Y	Y
Priority Number	PRN (PRAI)	Y	Y
Priority Number, Original	PRNO (PRAO)	Y	Y
Publication Year	PY	Y (2)	Y
Summary Language (ISO code and text)	SL	Y	Y
Source	SO	Y (4)	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.

(2) SELECT HIT and ANALYZE HIT are not valid with this field.

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(4) Selects CODEN and ISSN with /SO appended to the terms created by SELECT.

SAMPLE Records

Display ALL of Journal

AN 73710913 REAXYSFILEBI
 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: <https://doi.org/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: 16 Jun 2023
 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 REAXYSFILEBI
 TI new organic semiconductor compound and a method for manufacturing the same
 PA INDUSTRY-ACADEMIC COOPERATION FOUNDATION GYEONGSANG NATIONAL UNIVERSITY
 PI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 1484007 *	B1	20150113	KR 2012-113974	20121015
KR 2014047812	A	20140423		
WO 2014061867	A1	20140424		

* = indexed patent
 DT Patent
 LA English
 SL English
 ED Entered STN: 18 Nov 2020
 Last updated on STN: 16 Jun 2023
 AB The present invention provides an organic semiconductor compound that can be used as an organic electronic material, to a method for preparing same, to a photoactive layer containing same, and to an organic photovoltaic cell comprising the photoactive layer. The photoactive layer containing the organic semiconductor compound according to the present invention enables a solution process, and the organic photovoltaic cell comprising the photoactive layer has high efficiency.
 IPC C07D0409-14; C07D0495-22; H01L0051-30

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