

# **Analytical Abstracts**

Date revised: October 30, 2024

#### **Description**

Analytical Abstracts covers all aspects of analytical chemistry in a wide variety of areas including general applications, biochemistry and clinical chemistry, industrial and applied science, environmental science, agriculture and food, pharmaceuticals and instrumentation.

NOTE: This file is closed; updating ceased December 13, 2021.

#### **Date Coverage**

1978 - 2021

#### **Geographic Coverage**

Global

#### **Subject Coverage**

Designed specifically to meet the needs of the analytical scientist, *Analytical Abstracts* provides solutions to problems in all fields of analytical chemistry, including:

- General
- Inorganic
- Organic
- Industrial
- Biochemical
- Pharmaceutical
- Food
- Agricultural and Environmental
- Computer Handling of Analytical Data
- Instrumentation

### **Update Frequency**

Weekly

#### **Document Types**

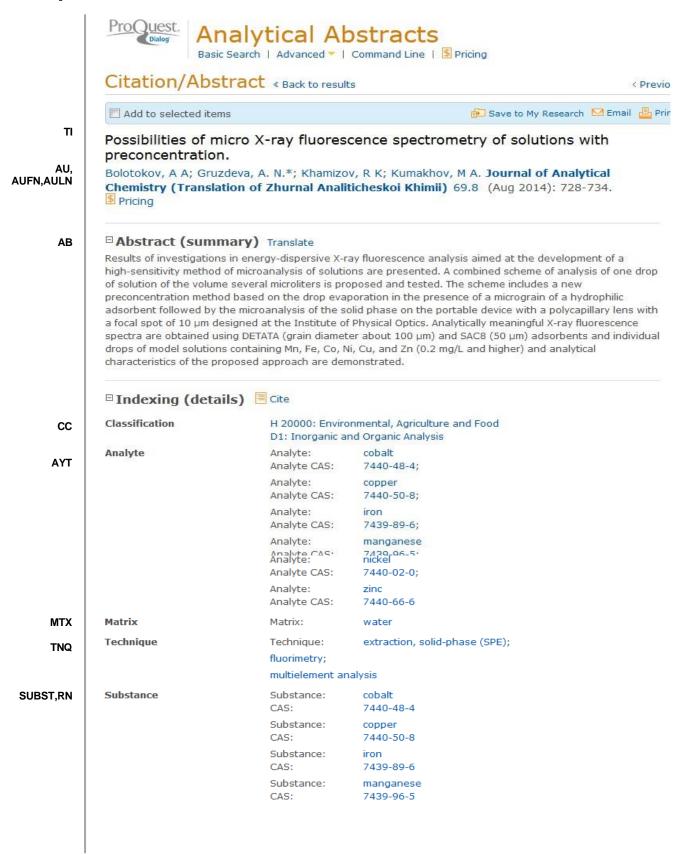
- Reports
- Books and Monographs
- Conferences, Symposia, Meetings
- Journal Articles

### **Publisher**

Analytical Abstracts is produced by the Royal Society of Chemistry. Questions concerning file content should be directed to:

The Royal Society of Chemistry Thomas Graham House Science Park Milton Road Cambridge, CB4 0WF UK

## Sample document



Substance: nickel
CAS: 7440-02-0
Substance: zinc
CAS: 7440-66-6

Title Possibilities of micro X-ray fluorescence spectrometry of solutions with

preconcentration.

AU, AUFN,AULN Author Bolotokov, A A; Gruzdeva, A. N.\*; Khamizov, R K; Kumakhov, M A

Correspondence author Gruzdeva, A N alexgruzdeva@yandex.ru, Vernadsky Institute of Geochemistry

and Analytical Chemistry, Russian Academy of Sciences, Russia.

LA SL Language English
DTYPE Language of abstract English
PUB Document type Article

**Publication date** 

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VO Volume 69 ISS 8 Tssue PG 728-734 Pagination **ISSN** CODEN ISSN 1061-9348 CODEN JACTE2 **PSTYPE Publication type** Journal PD,YR

Source attribution Analytical Abstracts, © Publisher specific

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Aug 2014

FAV UD First available 2014-12-02
Updates 2014-12-02

Database Analytical Abstracts (1978 - current)

### Search fields

AN

TI

Field Name	Field Code	Example	Description and Notes
Abstract	AB	ab("microanalysis of solutions")	Use adjacency and/or Boolean operators to narrow search results.
Abstract present	ABANY	"hydrophilic adsorbent" AND abany(yes)	Add: AND ABANY(YES) to a query to limit retrieval to records with abstracts.
Accession number	AN	an(AAN7647H10049)	A unique document identification number assigned by The Royal Society of Chemistry.
All fields	ALL	all(spectro*) all(spectrometric NEAR/5 detection)	Searches all fields in bibliographic files. Use adjacency and/or Boolean operators to narrow search results.
All fields + text		spectro* spectrometric N/5 detection	Same as ALL field code: searches all fields.
	AYT	ayt(cobalt) rn(7440-48-4)	AYT searches analyte, analyte description, and analyte CAS. "Analyte" is the substance being analyzed.  Add: -A to a CAS Registry number to limit searching to the Analyte CAS Reg no.
Analyte		ayt(zinc LNK 7440-66-6)	Elements within a field may be searched using LNK.
Author <sup>1</sup> Author First Name Author Last Name	AU AUFN AULN	au("khamizov, r k") aufn(r*) auln(khamizov)	Includes all authors. Also searchable via the Look Up Citation tool.

<sup>&</sup>lt;sup>1</sup> A Lookup/Browse feature is available for this field in the Advanced Search dropdown or in Browse Fields.

Field Name	Field Code	Example	Description and Notes		
First author	FAU	fau("bolotokov a a")	First name listed in Author field. First author is included in Author browse, but its position cannot be specified in the Author browse.		
Author affiliation	AF	af(Vernadsky Institute of Geochemistry PRE/8 russia)	Displays as Author affiliation or in Correspondence author field.		
Availability	AV	av(www.ist-spe.com)			
CAS® Registry Number	RN, SUBST	rn(7439-89-6)	Also searchable using the Substance field code (SUBST).		
Classification	CC, CL	cc(D1: inorganic and organic Analysis)			
CODEN	CODEN	coden(jacte2)			
Conference information	CF	cf("15th International Conference on Flow Injection Analysis")	Can contain the conference name, location and date.		
Document title	TI	ti("Possibilities of micro X-ray fluorescence spectrometry")	Also searches alternate title and subtitle. Use adjacency and/or Boolean operators to narrow search results. Searching a phrase without quotes or Boolean operators, assumes an AND operation.		
Title only	TIO	tio(infrared)	Searches the Title only (not the Alternate Title)		
Document type	DTYPE	dtype(article)			
First available	FAV	fav(2014-12-02)	Indicates the first time a document was loaded in a specific database on PQD. It will not change regardless of how many times the record is subsequently reloaded, as long as the accession number does not change.		
From database <sup>2</sup>	FDB	ti("liquid chromatography") AND fdb(ANALYTICALABSTRACTS) ti("liquid chromatography") AND fdb(1008205)	Useful in multi-file searches to isolate records from a single file. FDB cannot be searched on its own; specify at least one search term then AND it with FDB.		
ISBN	ISBN	isbn(978 92 4 158075 0)			
ISSN	ISSN	issn(1061-9348) issn(10619348)	Use of hyphens is optional. Also searchable via the Look Up Citation tool.		
Issue	ISS	iss(8)	Also searchable via the Look Up Citation tool.		
Journal name	JN	jn(sensors) jn("food chemistry")	Journal names only. For names of other publication types, use PUB. Also searchable via the Look Up Citation tool for Publication name.		
Language	LA	la(english) la(english OR french)	The language in which the document was originally published.		
Language of abstract	SL	sl(english)			
	MTX	mtx(water)	Searches matrix, matrix description, and matrix CAS Registry Number. "Matrix" is the medium where the analyte is being analyzed.		
	IVITX	mtx(olive LNK "detmn of VOC" LNK 8001-25-0)	Elements within a field may be searched using LNK.		
Matrix		rn(8001-25-0-M)	Add: -M to a CAS Registry number to limit searching to the Matrix CAS Reg no.		

<sup>&</sup>lt;sup>2</sup> Click the "Field codes" hyperlink at the top right of the Advanced Search page. Click "Search syntax and field codes", then click on "FDB command" to get a list of database names and codes that can be searched with FDB.

Field Name	Field Code	Example	Description and Notes
Notes	NT	nt("world health organization")	
Pagination	PG	pg(728-734)	Start page is also searchable via the Look Up Citation tool.
Start page	PAGE	page(728)	Start page is also searchable via the Look Up Citation tool.
Publication date	PD	pd(201408) pd(>=20140101) pd(20130101-20130630)	Date range searching is supported.
Publication title <sup>1</sup>	PUB	pub("journal of analytical chemistry")	Look Up list is available. Title of publication where document originally appeared, usually a periodical title. May include alternate publication titles.
Publication year	YR	yr(2011) yr(2012-2013) yr(>=2010)	Date range searching is supported. Also searchable with PY.
Publication type	PSTYPE	pstype(journal)	
Record type	RTYPE	rtype(journal) rtype(book)	
Report number	RP	rp(IST 1016 A)	
Source information	SRC	src(journal NEAR/3 pharmaceut* AND 5)	Includes Publication title, Volume, Issue, ISSN, Publication date and Pagination. Also searchable via the Look Up Citation list.
Subject <sup>1</sup>	SU	su(electrodes) su("flow-injection analysis")	Searches analytes, techniques, matrix. Includes Descriptors.
Substance	SUBST	subst(manganese) subst(7439-96-5)	Includes substance name and CAS Registry Number (RN).
Technique	TNQ	tnq(fluorimetry)	Searches technique and technique description. "Technique" is the method used for analysis.
Title (document)	TI	ti("Possibilities of micro X-ray fluorescence spectrometry")	Also searches alternate title and subtitle. Use adjacency and/or Boolean operators to narrow search results.
Updated	UD	ud(2014-12-02)	The date(s) the record was loaded as a result of an update provided by the supplier.
Volume	VO	vo(69)	Also searchable via the Look Up Citation tool.

### **Search tools**

Field codes are used to search document fields, as shown in the sample document. Field codes may be used in searches entered on the **Basic Search**, **Advanced Search**, and **Command Line** search pages. **Limit options**, **Look up lists**, and **"Narrow results by" filters** tools are available for searching. Some data can be searched using more than one tool.

# **Limit options**

Limit options are quick and easy ways of searching certain common concepts. A check box is available for:

#### **Abstract included**

Short lists of choices are available for:

### Document type, Language, Classification

Date limiters are available in which you can select single dates or ranges for date of publication and updated.

# **Lookup lists**

You can browse the contents of certain fields by using Look Up lists. These are particularly useful to validate spellings or the presence of specific data. Terms found in the course of browsing may be selected and automatically added to the Advanced Search form. Look Up lists are available in the fields drop-down for:

Author, Publication Title, Subject

# "Narrow Results By" filters

When results of a search are presented, the results display is accompanied by a list of "Narrow results by" options shown on the right-hand panel. Click on any of these options and you will see a ranked list showing the most frequently occurring terms in your results. Click on the term to apply it to ("narrow") your search results. Narrow results by filters in Analytical Abstracts include:

Author, Language, Publication title, Subject, Document type, Publication date

## Look up citation

If you need to trace a particular bibliographic reference, use the Look Up Citation feature. Find a link to this toward the top left of the Advanced Search page, or in the drop list under Advanced on any search form; click this and you will go to a form where you can enter any known details of the citation, including: Document title, Author, Publication title, ISSN, ISBN Volume, Issue, Start page, DOI.

### **Document formats**

You can view search results online in Brief View, Detailed View, KWIC, or Preview formats.3

View <sup>4</sup>	Description	Online	Export/ Download
Brief view result listing	Title and Publication date	✓	
Detailed view result listing	Same as Brief view plus a 3-line KWIC window	✓	
KWIC (Keyword in context)	Detailed view plus all occurrences of your search terms, highlighted within the fields where the terms occur	<b>~</b>	<b>√</b>
Preview	Title, Author, Publication title, Volume, Issue, Pagination, Publication date, Abstract, Subject	<b>~</b>	

To **save** records, click the checkbox next to the records then click "Export/Save." Under "Output To" choose one of the output options, e.g., Data Star Tagged, EndNote, HTML, etc. The output option you choose will determine the formats available under "Content".<sup>5</sup>

<sup>&</sup>lt;sup>3</sup> To view a more complete record, click on one of the pre-defined formats listed beneath the title in your Results list, e.g., Brief Citation, Citation/Abstract, Full Text, etc.

<sup>&</sup>lt;sup>4</sup> The data contained in each view may vary by database and by the type of account you have, e.g., subscriber or transactional.

<sup>&</sup>lt;sup>5</sup> For example, if you choose to output in XML, you can only get the most complete record available. Text Only, PDF, RTF, and HTML output options allow the most format choices.

Document format	Description	Online	Export/ Download
Brief citation	Bibliographic record minus Abstract, Indexing and References	<b>✓</b>	<b>~</b>
Citation/Abstract	Complete bibliographic record	<b>~</b>	<b>~</b>
Custom	To design your own download format, choose the "Custom" format option in the Export/Save menu, and check the fields to be downloaded.		<b>√</b> 6

To **download** all search results in a set use "Download All Results" and follow the same steps as for Export/Save. The search results list is included in every download and export option along with the records you choose to save.

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