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Description

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Included Databases

- Abstracts in New Technology & Engineering
- Civil Engineering Abstracts
- Earthquake Engineering Abstracts
- Mechanical & Transportation Engineering Abstracts
- ProQuest Advanced Tech & Aerospace Professional
- ProQuest Materials Research Professional

The following thesauri are available:

- Abstracts in New Technologies and Engineering Thesaurus
- Copper Thesaurus
- Engineered Materials Thesaurus
- Metallurgical Thesaurus
- NASA Thesaurus
- Technology thesaurus

Date Coverage

1962-present

Geographic Coverage

International

Subject Coverage

- Aerospace
- Civil engineering
- Computer and information systems
- Earthquake engineering
- Electronics
- Engineered materials
- Environmental engineering
- Materials Science
- Mechanical engineering
- New technologies in engineering
- Physics
- Telecommunications

Update Frequency

Update records are loaded on most days, but there is usually one large update towards the start of each calendar month.

Document Types

- Books
- Conference Papers
- Journal Articles
- Patents
- Reports
- Standards

Publisher

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SAMPLE DOCUMENT

		Quest Technology Research Profess	sional
	Citation/Abst	ract < Back to results	Document 1 of 1
	Add to selected items	🔂 Save to My Research 🔛 Ema	il 💾 Print 🗏 Cite 🕌 Export/Save 🔻
т	Electrooxidation o exchange membra	of hydrazine hydrate using NiaLa catalyst for anion ane fuel cells	Other formats:
AU PUB		Asazawa, Koichiro; Martinez, Ulises 🔀; Halevi, Barr; Suzuki, Toshiyuki; et Sources 234 (Jul 15, 2013): 252-259. m other databases	Brief citation Find a copy
AB	impregnation/freeze-dryir of hydrazine hydrate on a electrochemical electrode C. The Ni0.9La0.1/C catal in comparison with a simil performance for the Ni0.9 absorption fine structure hcp-LaNi5 shells coating t	and Ni1-xLax (0.1ANB<=ANBXANB<=ANB0.9) catalysts were synthesized by an ng procedure followed by thermal annealing. The catalytic activity for electro-oxidation anionic ionomer-coated catalysts was evaluated using a (4ANBXANB4) 16-channel array in 1.0ANBM KOHANB+ANB1.0ANBM hydrazine hydrate solution at 60ANB degree yst oxidized hydrazine hydrate at a lower potential and exhibited higher mass activity larly made Ni/C catalyst. Chemical insight suggests that the cause of improved PLa0.1/C catalyst is likely multifunctional synergism of the components. However, X-ray (XAFS) and high voltage electron microscopy (HVEM) unexpectedly show some the fcc-Ni catalyst particles. As a result of the screening tests, an unsupported synthesized by spray pyrolysis and tested in a direct hydrazine hydrate fuel cell MEA	 Link text Check for full text via 360 Link S • F • X WebBridge Check for full text via WebBridge Show more More like this See similar documents
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SU	Subject	Carbon; Fuel cells; Nickel; High voltages; Hydrates; Catalysts; Arrays; Hydrazines	
ті	Title	Electrooxidation of hydrazine hydrate using NiaLa catalyst for anion exchang membrane fuel cells	je
AU	Author	Sakamoto, Tomokazu; Asazawa, Koichiro; Martinez, Ulises; Halevi, Barr; Suzuki, Toshiyuki; Arai, Shigeo; Matsumura, Daiju; Nishihata, Yasuo; Atanassov, Plamen; Tanaka, Hirohisa	
LA DTYPE	Language Document type	English Journal Article	
PUB SRC	Publication title Source details	Journal of Power Sources Journal of Power Sources [J. Power Sources]. Vol. 234, pp. 252-259. 15 Jul 2013.	
VO PG PCT ISSN	Volume Pagination Page count ISSN	234 252-259 8 0378-7753	
PB SFL	Publisher Subfile	Elesevier Science B.V., P.O. Box 211 Amsterdam 1000 AE Netherlands Mechanical & Transportation Engineering Abstracts (MT); Electronics and Communications Abstracts (EA); CSA / ASCE Civil Engineering Abstracts (CE); Aerospace & High Technology Database (AH)	:
PD,YR DREV	URL	http://www.sciencedirect.com/science/article/pii/S0378775313002474	
AN	Publication date	Jul 15, 2013	
FAV	Date revised Accession number	2013-06-01 17991762	
UD	Document URL	http://search.proquest.com/professional/docview /1365152855?accountid=137296	
	First available	2013-06-06	
1	Updates	2013-06-06	
Page 2	Database	2 databases View list 🔻	



SEARCH FIELDS

Field Name ¹	Field Code	Example	Description and Notes
Abstract	AB	ab("X-ray absorption fine structure")	Use adjacency and/or Boolean operators to narrow search results.
Abstract present	ABANY	"protein targets " AND abany(yes)	Add: AND ABANY(YES) to a query to limit retrieval to records with abstracts.
Accession number	AN	an(17991762)	A unique document identification number assigned by the information provider.
			A record can display multiple accession numbers – depending on the products within which it is stored.
All fields	ALL	all("direct hydrazine hydrate fuel cell")	Searches all fields in bibliographic files. Use adjacency and/or Boolean operators to narrow search results.
All fields + text		"direct hydrazine hydrate fuel cell"	Same as ALL field code: searches all fields in bibliographic files.
Author ¹ Author First Name Author Last Name	AU AUFN AULN	au("tanaka, hirohisa") aufn(hirohisa) auln(tanaka)	Includes all authors.
	_		See also First author.
Author affiliation	AF	af(Physical Biosciences Division, Lawrence Berkeley National Laboratory, Berkeley)	
Cited author	CAU	cau(thomas harris)	Authors of cited works.
Cited document title	СТІ	cti("lithium titanate")	
Cited publication date	CYR	cyr(2009)	
Cited publication title	CPUB	cpub("biotechnology for biofuels")	
Classification code ²	сс	cc("electrical properties")	Not currently displayed
Conference information	CF	cf("offshore structures ")	Includes conference title, location,
		cf(glasgow)	number, date.
		cf(sweden)	
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Date revised	DREV	drev(2013-06-01)	Date that the Information provider revised the record. Note that not all Providers
		drev(>20131231)	identify a date of revision.
DOI	DOI	doi("10.1007/s00707-013-0941-z")	Digital Object Identifier. Search the portion of the DOI that comes after http://dx.doi.org/.
Document feature	DF	df(graphs)	Indicates presence in original article of availability of graphics, tabular data, illustrations, etc.
Document title	ті	ti("Electrooxidation of hydrazine hydrate using NiaLa catalyst")	Includes Title, Alternate Title, Original Title, and Subtitle but not Publication Title (PUB).
Title only	ΤΙΟ	tio("NiaLa catalyst")	Searches only the Title, not Subtitle or Alternate Title.
Alternate title	ОТІ	oti(federleicht)	Usually the original, non-English title
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Document type	DTYPE	dtype("journal article")	
First author	FAU	fau("sakamoto, tomokazu)	First name listed in Author field. It is included in Author browse, but its position cannot be specified in the Author browse.
			See also Author.
First available	FAV	fav(20130606) fav(>20131231) fav(20120101-20120630)	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.
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Identifier (keyword)	IF	if(irrigation OR drainage)	
ISBN	ISBN	isbn(9780877035527)	
ISSN	ISSN	issn(0378-7753) issn(03787753)	Also retrieves electronic ISSNs.
Issue	ISS	iss(1)	Also searchable via the Look Up Citation tool.

Journal title	JN, PUB	jn("journal of power sources")	Journal names only. For complete Publication name types, use PUB. Displays in Publication title. Also searchable via the Look Up Citation tool
			for Publication name.
Language	LA	la(english)	The language in which the document was originally published.
Notes	NT	nt(reprint*)	
Number of pages	PCT	pct(8)	
Pagination	PG	pg(252-259)	See also Start page.
Patent application date	PAD	pad(20040501)	Displays in Patent information
		pad(2004-05-01)	
		pad(>20101231)	
		pad(20110101-20110630)	
Patent application number	PA, PAT	pa("10/840183")	Displays in Patent information
Patent assignee	AP, PAT	ap(tata)	Displays in Patent information
Patent publication country	PC, PAT	pc(us)	Displays in Patent information
Patent publication number	PN, PAT	pn(us7249222)	Patent publication number
Publication date	PD	pd(20130715)	
Publication title ²	PUB	pub("journal of power sources")	Title of publication where document originally appeared. Also searchable via the Look Up Citation tool.
Publication type	PT, STYPE	pt("scholarly journals")	
Publication year	YR, PY	yr(2015)	Single year or a range of years may be
		yr(>2011)	searched.
		yr(2013-2014)	Displays in Publication date.
Dublicher	D D		
Publisher	PB	pb("wiley blackwell")	
References	RF	rf(Krause AND "climate protection")	
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Start page	FP	fp(134)	Also searchable on the Look Up Citation page.
			Displays in Pagination.
Subfile	SFL	sfl(metadex) sfl(The individual database(s) in which the record appears.
			Also searchable using two-letter codes (see appendix 1,below)
Subject ²	SU	su(catalysts)	
Updates	UD	ud(20130606)	
Volume	VO	vo(234)	

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2. A Lookup/Browse feature is available for this field in the Advanced Search dropdown or in Browse Fields.

3. Go to Field Codes Help in Advanced Search. Click 'Search' from the bottom left nav. Enter: "fdb" and click: Search. Then click: "Targeting databases when you search," which will retrieve the list of database names and codes that can be searched with FDB.

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Limit options are quick and easy ways of searching certain common concepts. Check boxes are available for:

Scholarly journals

Short lists of choices are available for:

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

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"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 this database include:

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SUBFILES

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- Aluminium Industry Abstracts (AI)
- ANTE: Abstracts in New Technologies and Engineering (AN)
- Ceramic Abstracts/World Ceramics Abstracts (WC)
- Civil Engineering Abstracts (CE)
- Composites Industry Abstracts (ED)
- Computer and Information Systems Abstracts (CI)
- Copper Technical Reference Library (CD)
- Corrosion Abstracts (CO)
- Earthquake Engineering Abstracts (EQ)
- Electronics and Communications Abstracts (EA)
- Engineered Materials Abstracts, Ceramics (EC)
- Environmental Engineering Abstracts (EN)
- Materials Business File (MB)
- Mechanical & Transportation Engineering Abstracts (MT)
- METADEX (MD)
- Solid State and Superconductivity Abstracts (SO)

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KWIC (Keyword in Context)	Detailed view plus all occurrences of your search terms, highlighted within the fields where the terms occur.	\checkmark	~
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2 Full text is not available for export/download where only A&I (abstract & indexing) data is available.

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